

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080221\
 Data File : VW021713.D
 Acq On : 02 Aug 2021 11:08
 Operator : SY/MD
 Sample : VSTD20036
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200236

Quant Time: Aug 03 01:16:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 03 01:13:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	423093	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	401298	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	220110	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	514008	174.713	ug/L	0.00
7) Chloroethane-d5	1.545	69	416545	201.447	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.101	63	916471	184.223	ug/L	0.00
21) 2-Butanone-d5	3.866	46	972564	421.521	ug/L	0.00
24) Chloroform-d	4.346	84	1122304	197.487	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.030	65	660514	196.433	ug/L	0.00
32) Benzene-d6	5.050	84	2228383	189.874	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	713934	194.707	ug/L	0.00
41) Toluene-d8	7.316	98	2067861	190.833	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	373485	203.961	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	741985	447.760	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	1018271	209.158	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	907048	200.530	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	541590	178.543	ug/L	99
3) Chloromethane	1.240	50	539398	187.969	ug/L	99
5) Vinyl chloride	1.307	62	541873	182.185	ug/L	100
6) Bromomethane	1.497	94	174194	113.358	ug/L	99
8) Chloroethane	1.564	64	325715	190.441	ug/L	99
9) Trichlorofluoromethane	1.741	101	785299	185.297	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	443471	184.800	ug/L	99
12) 1,1-Dichloroethene	2.111	96	411332	184.696	ug/L	89
13) Acetone	2.156	43	483484	325.262	ug/L	99
14) Carbon disulfide	2.288	76	1116709	169.880	ug/L	99
15) Methyl Acetate	2.423	43	623228	193.955	ug/L	99
16) Methylene chloride	2.500	84	543950	169.890	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	491130	185.685	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	1730413	191.777	ug/L	100
19) 1,1-Dichloroethane	3.185	63	948797	188.714	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	588469	191.336	ug/L	100
22) 2-Butanone	3.950	43	879688	391.731	ug/L	99
23) Bromochloromethane	4.243	128	310744	190.521	ug/L	99
25) Chloroform	4.371	83	986397	189.698	ug/L	99
27) 1,2-Dichloroethane	5.127	62	706179	188.963	ug/L	99
29) Cyclohexane	4.677	56	772993	176.636	ug/L	98
30) 1,1,1-Trichloroethane	4.606	97	879375	185.573	ug/L	99
31) Carbon tetrachloride	4.825	117	761095	186.513	ug/L	100
33) Benzene	5.098	78	2082026	183.669	ug/L	100
34) Trichloroethene	5.911	95	559285	181.013	ug/L	99
35) Methylcyclohexane	6.130	83	819564	179.676	ug/L	99
37) 1,2-Dichloropropane	6.172	63	559231	188.679	ug/L	100
38) Bromodichloromethane	6.509	83	778390	192.845	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	937070	196.194	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	1679609	384.491	ug/L	99
42) Toluene	7.387	91	2255325	184.353	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	885891	195.452	ug/L	99

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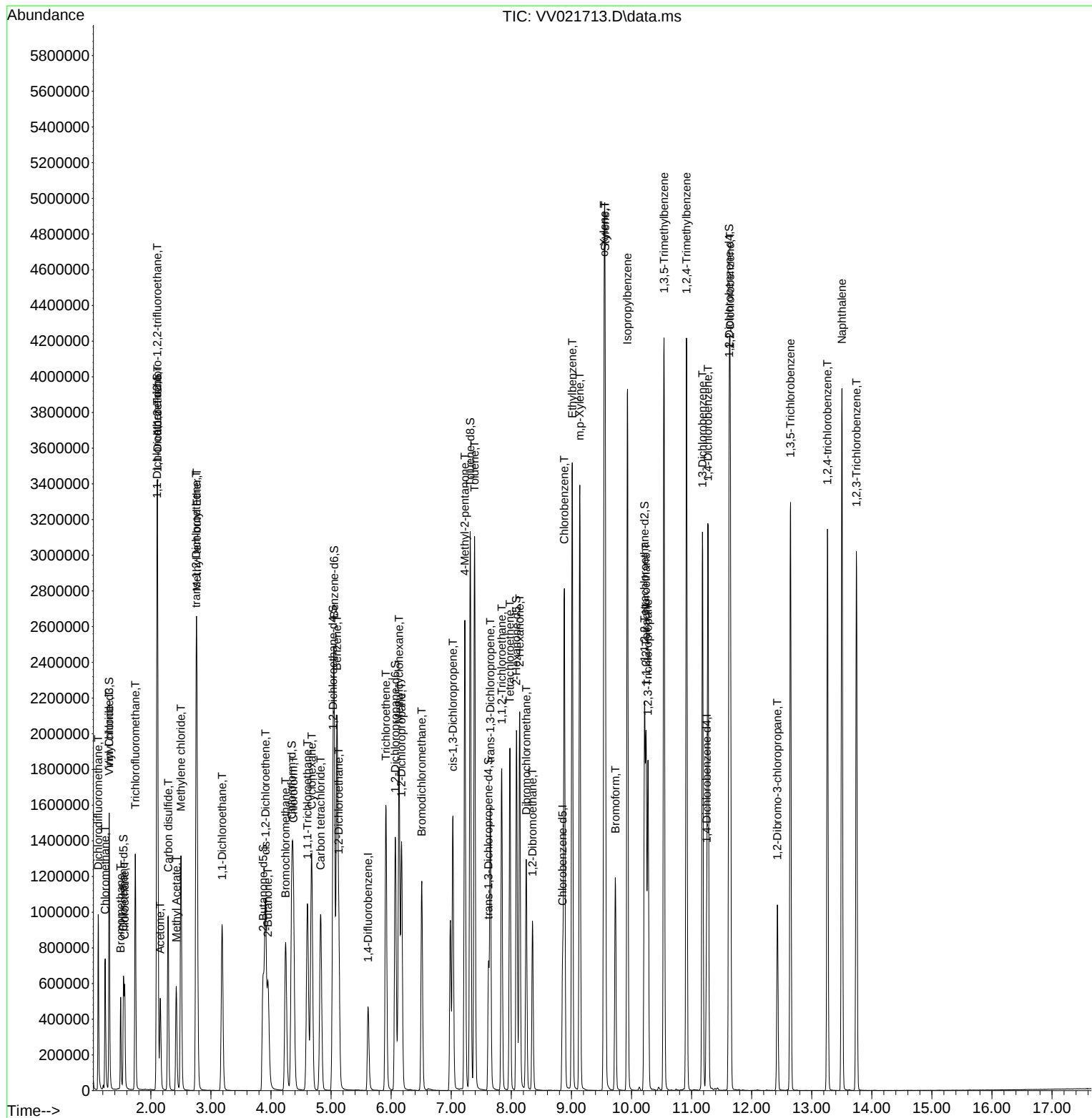
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	568031	189.149	ug/L	99
46) Tetrachloroethene	7.976	164	438697	183.715	ug/L	98
48) 2-Hexanone	8.140	43	1274580	380.913	ug/L	99
49) Dibromochloromethane	8.249	129	675830	198.942	ug/L	100
50) 1,2-Dibromoethane	8.352	107	612486	191.323	ug/L	99
51) Chlorobenzene	8.882	112	1516148	188.388	ug/L	100
52) Ethylbenzene	9.014	91	2494089	189.943	ug/L	100
53) m,p-Xylene	9.140	106	975232	191.598	ug/L	99
54) o-Xylene	9.545	106	969265	189.391	ug/L	100
55) Styrene	9.561	104	1681530	195.009	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	934973	203.840	ug/L	99
59) Bromoform	9.731	173	534766	197.873	ug/L	99
60) Isopropylbenzene	9.934	105	2553915	180.119	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	737852	181.705	ug/L	100
62) 1,3,5-Trimethylbenzene	10.541	105	2238066	187.010	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	2278445	188.094	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	1284694	190.753	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	1288271	190.789	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	1306638	191.219	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	241194	216.010	ug/L	99
69) 1,3,5-Trichlorobenzene	12.647	180	1031257	206.513	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	938916	214.633	ug/L	100
71) Naphthalene	13.503	128	3022359	225.554	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	925247	208.752	ug/L	100

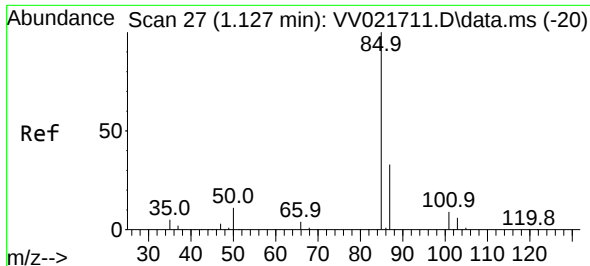
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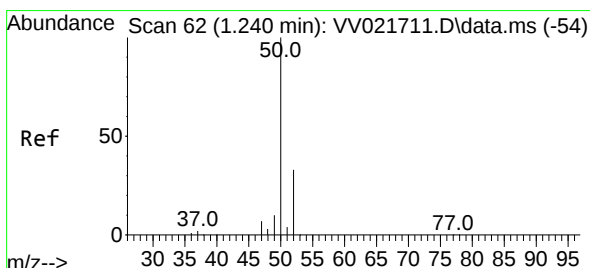
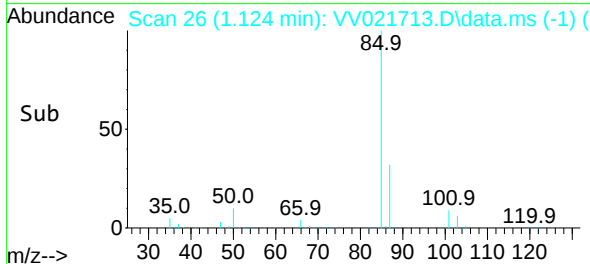
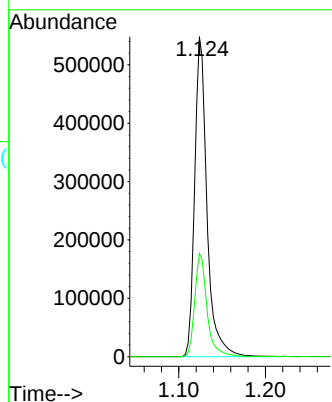
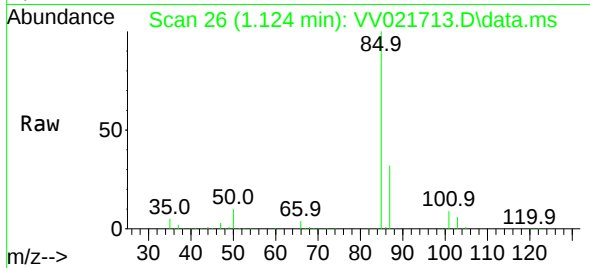




#2
 Dichlorodifluoromethane
 Concen: 178.543 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. -0.003 min
 Lab File: VV021713.D
 Acq: 02 Aug 2021 11:08

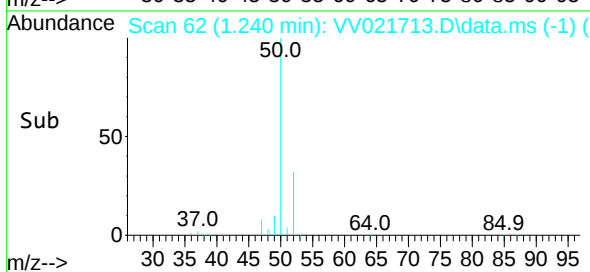
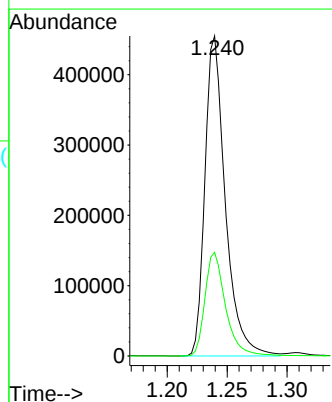
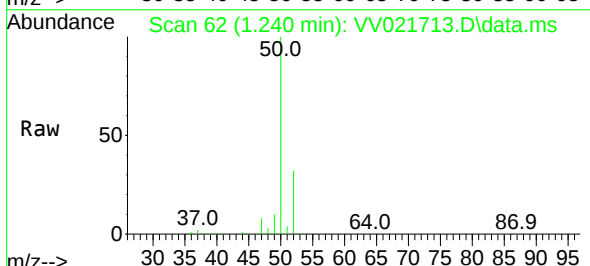
Instrument :
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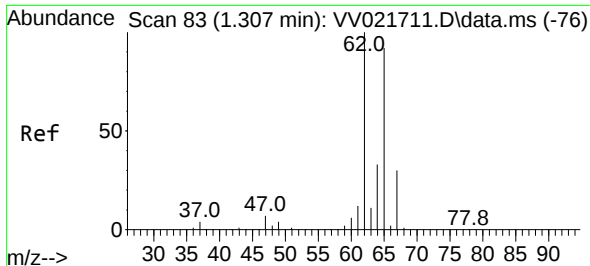
Tgt Ion: 85 Resp: 541590
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.2 39.4



#3
 Chloromethane
 Concen: 187.969 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV021713.D
 Acq: 02 Aug 2021 11:08

Tgt Ion: 50 Resp: 539398
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.1 42.9

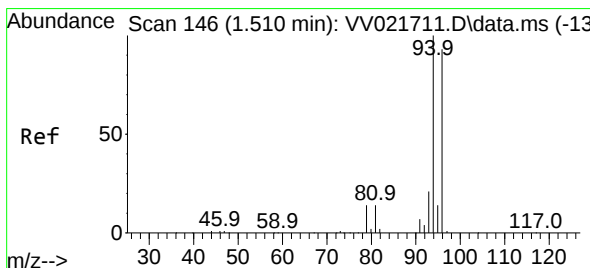
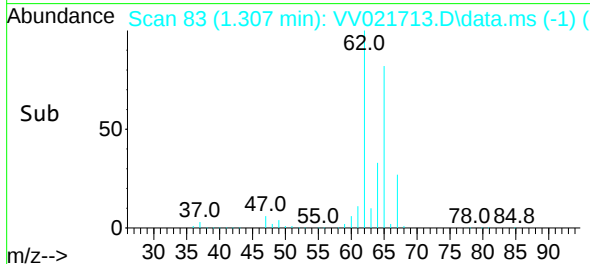
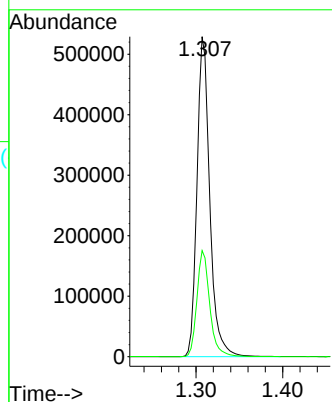
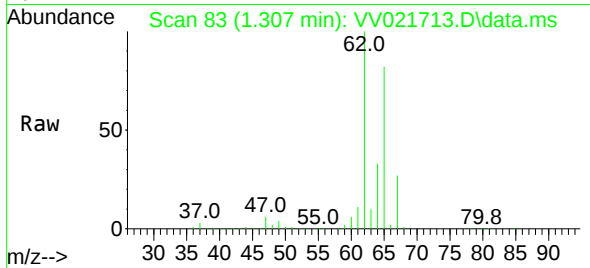




#5
 Vinyl chloride
 Concen: 182.185 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV021713.D
 Acq: 02 Aug 2021 11:08

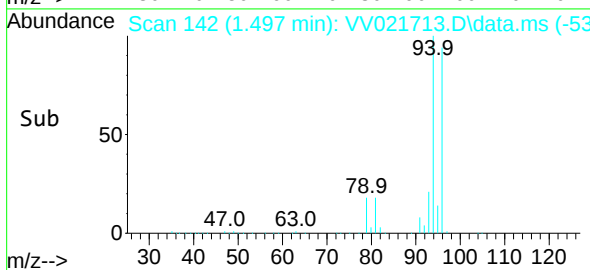
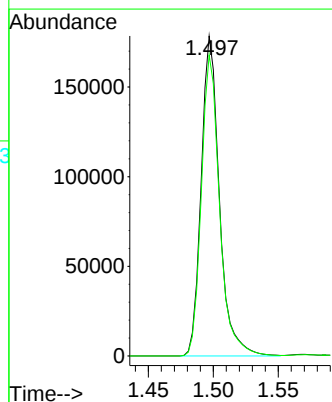
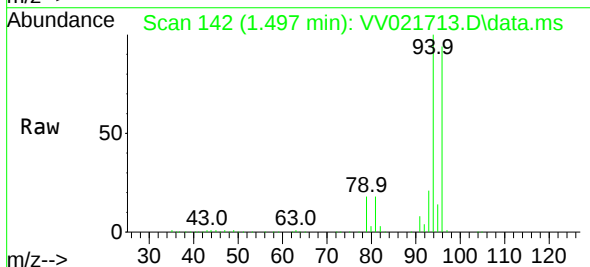
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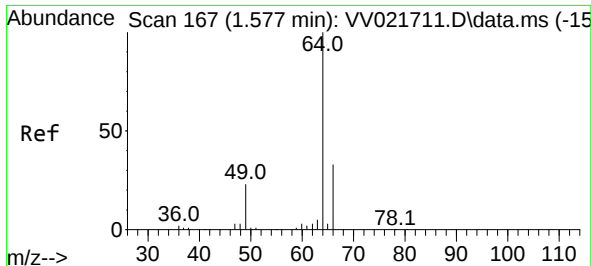
Tgt Ion: 62 Resp: 541873
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.2 43.2



#6
 Bromomethane
 Concen: 113.358 ug/L
 RT: 1.497 min Scan# 142
 Delta R.T. -0.013 min
 Lab File: VV021713.D
 Acq: 02 Aug 2021 11:08

Tgt Ion: 94 Resp: 174194
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.4 121.4

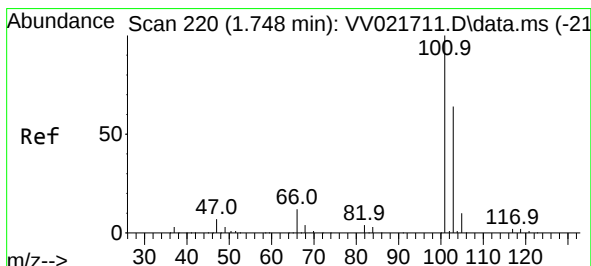
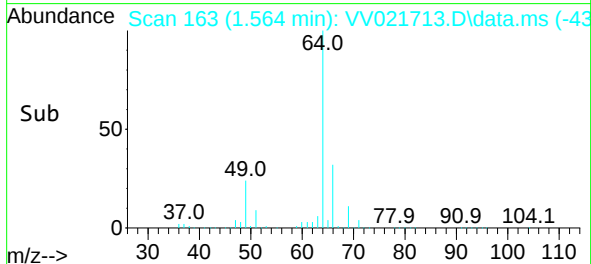
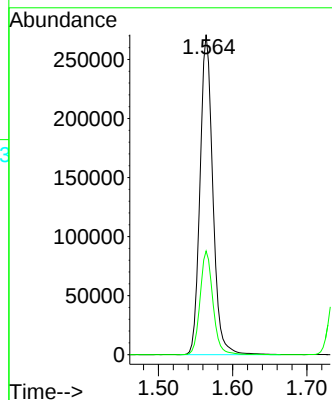
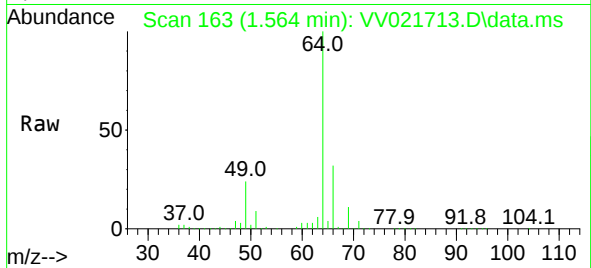




#8
Chloroethane
Concen: 190.441 ug/L
RT: 1.564 min Scan# 163
Delta R.T. -0.013 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

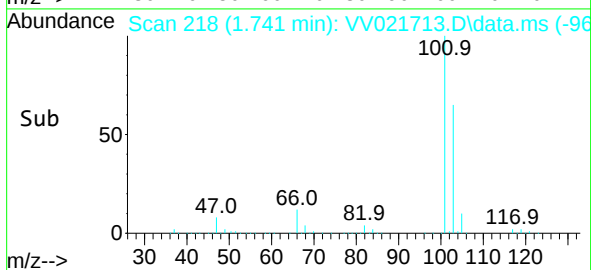
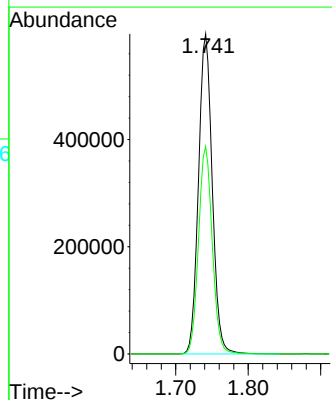
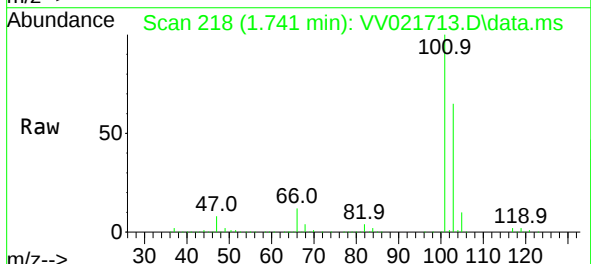
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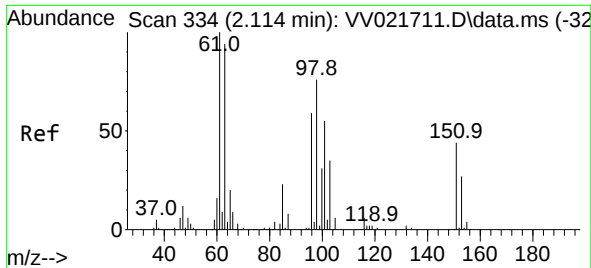
Tgt Ion: 64 Resp: 325715
Ion Ratio Lower Upper
64 100
66 32.4 22.9 42.5



#9
Trichlorofluoromethane
Concen: 185.297 ug/L
RT: 1.741 min Scan# 218
Delta R.T. -0.007 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

Tgt Ion: 101 Resp: 785299
Ion Ratio Lower Upper
101 100
103 64.9 51.5 77.3

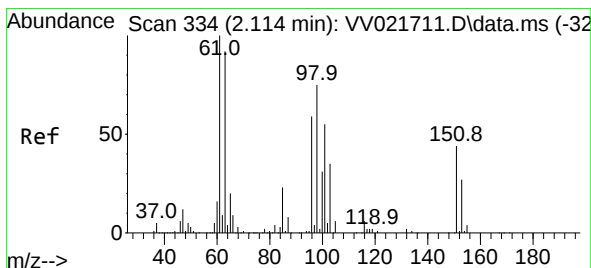
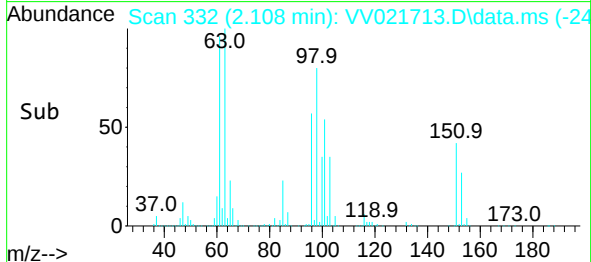
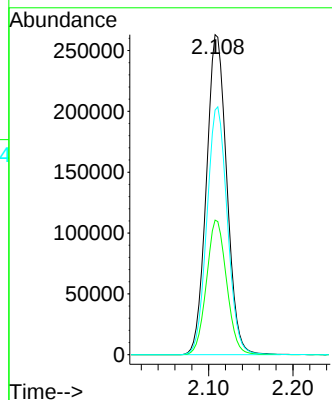
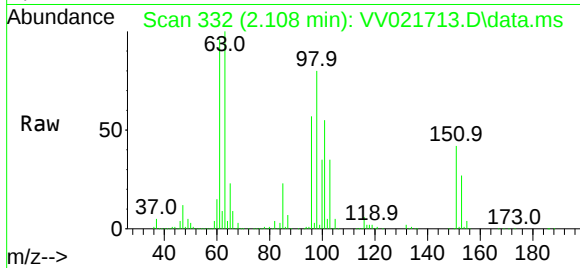




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 184.800 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.007 min
 Lab File: VV021713.D
 Acq: 02 Aug 2021 11:08

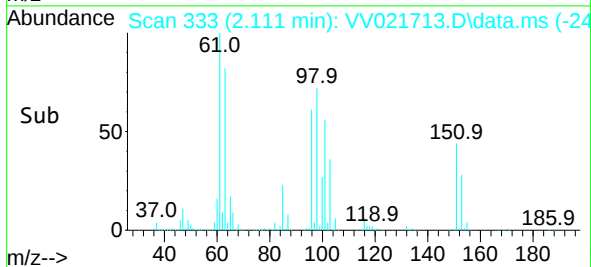
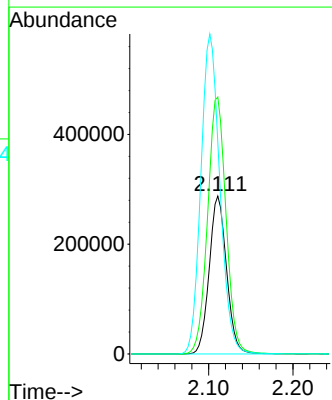
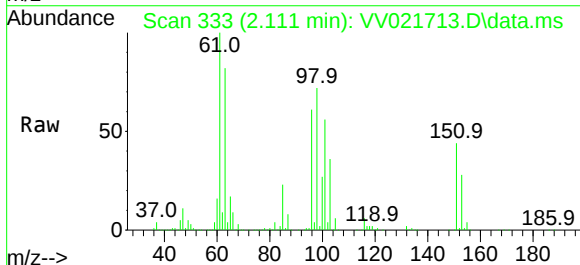
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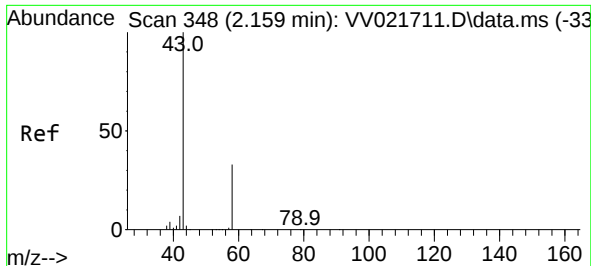
Tgt Ion:101 Resp: 443471
 Ion Ratio Lower Upper
 101 100
 85 41.6 33.7 50.5
 151 77.7 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 184.696 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV021713.D
 Acq: 02 Aug 2021 11:08

Tgt Ion: 96 Resp: 411332
 Ion Ratio Lower Upper
 96 100
 61 162.7 118.2 219.4
 63 134.2 110.9 205.9

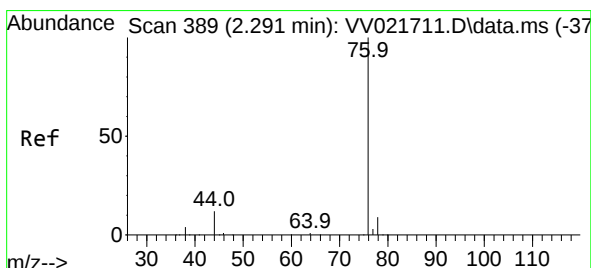
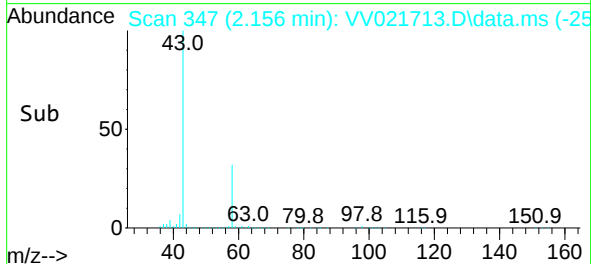
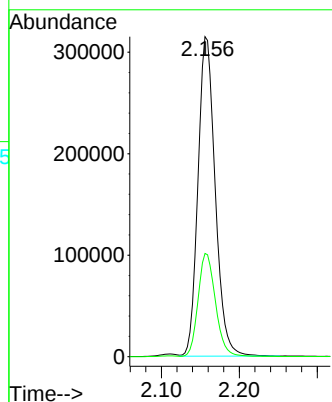
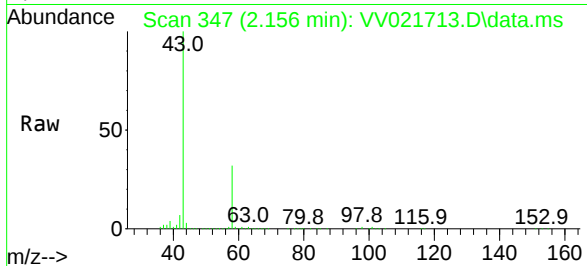




#13
Acetone
Concen: 325.262 ug/L
RT: 2.156 min Scan# 347
Delta R.T. -0.003 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

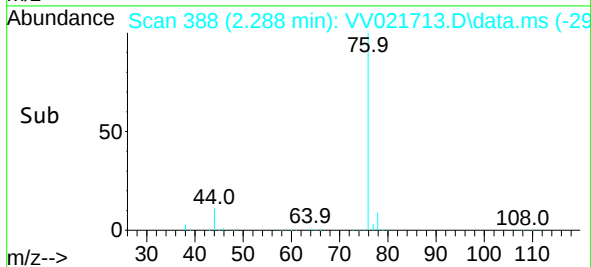
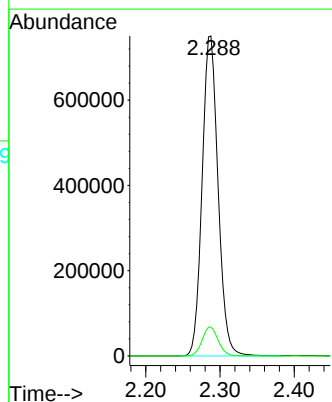
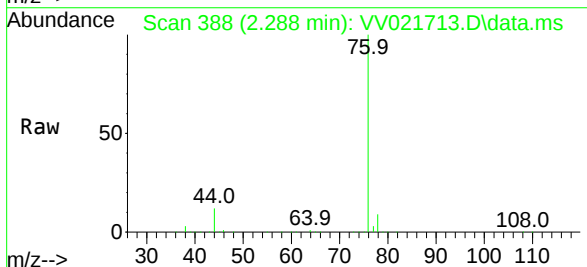
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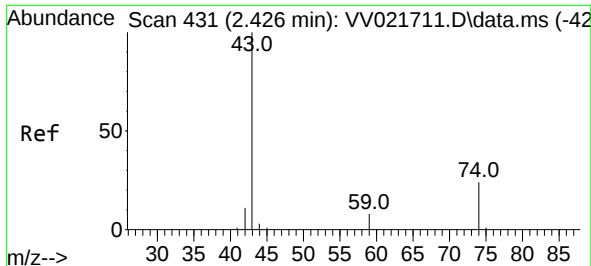
Tgt Ion: 43 Resp: 483484
Ion Ratio Lower Upper
43 100
58 32.4 0.0 66.2



#14
Carbon disulfide
Concen: 169.880 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.003 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

Tgt Ion: 76 Resp: 1116709
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4

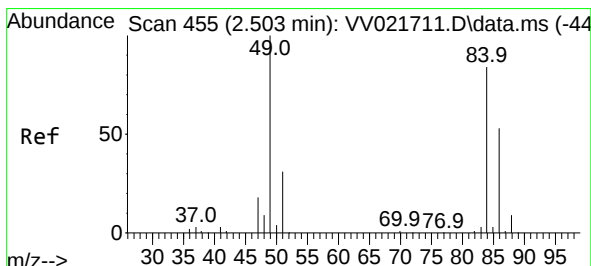
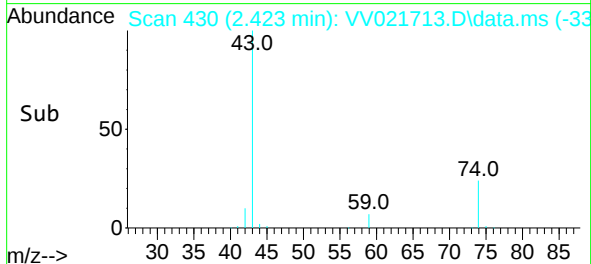
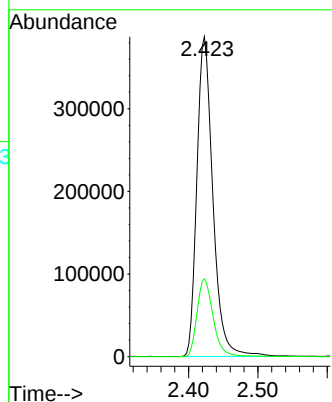
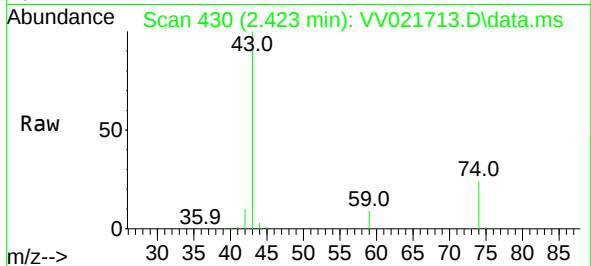




#15
Methyl Acetate
Concen: 193.955 ug/L
RT: 2.423 min Scan# 430
Delta R.T. -0.003 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

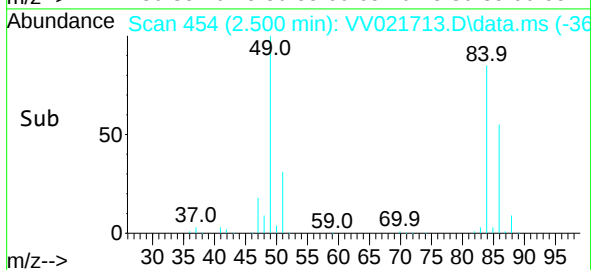
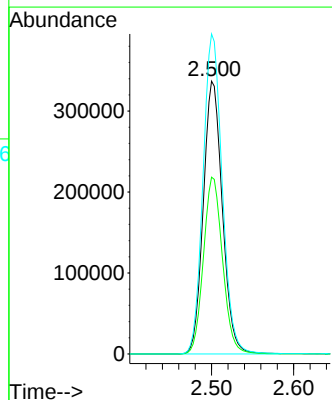
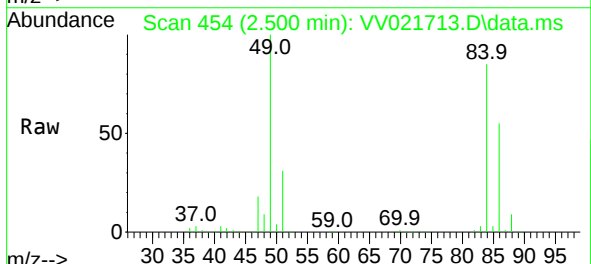
Instrument :
MSVOA_V
ClientSampleId :
VSTD200236

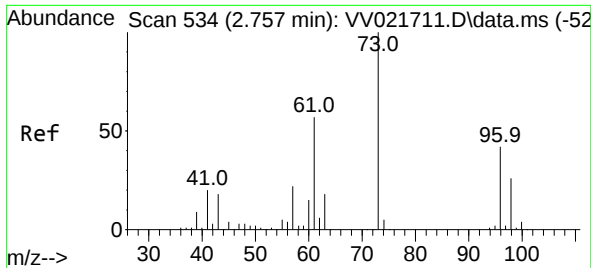
Tgt Ion: 43 Resp: 623228
Ion Ratio Lower Upper
43 100
74 24.4 19.0 28.4



#16
Methylene chloride
Concen: 169.890 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

Tgt Ion: 84 Resp: 543950
Ion Ratio Lower Upper
84 100
86 64.8 44.2 82.2
49 117.3 83.4 155.0

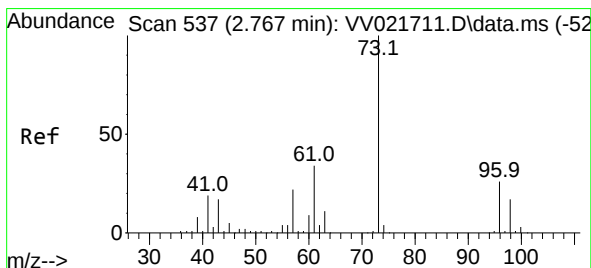
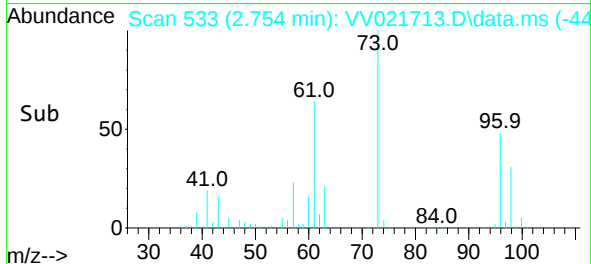
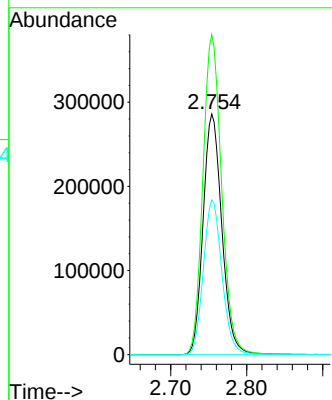
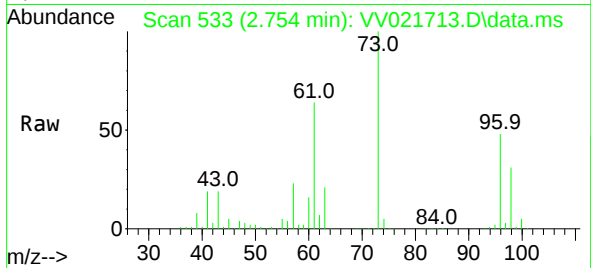




#17
trans-1,2-Dichloroethene
Concen: 185.685 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.003 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

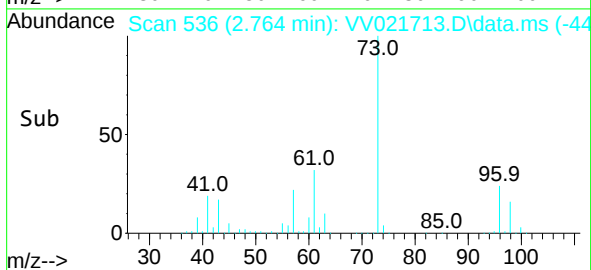
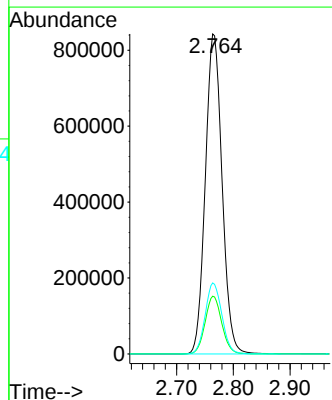
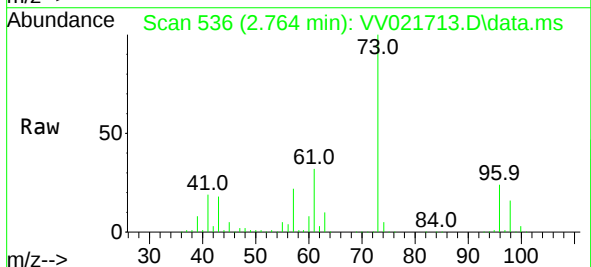
Instrument :
MSVOA_V
ClientSampleId :
VSTD200236

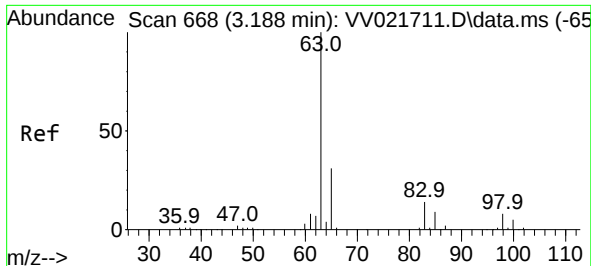
Tgt Ion: 96 Resp: 491130
Ion Ratio Lower Upper
96 100
61 133.0 95.1 176.7
98 64.3 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 191.777 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

Tgt Ion: 73 Resp: 1730413
Ion Ratio Lower Upper
73 100
43 17.9 14.3 21.5
57 22.1 17.7 26.5





#19

1,1-Dichloroethane

Concen: 188.714 ug/L

RT: 3.185 min Scan# 667

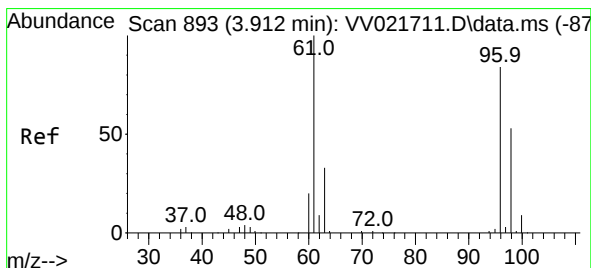
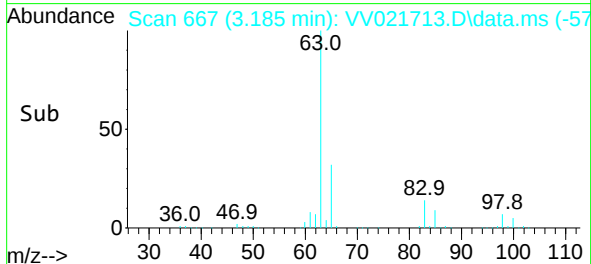
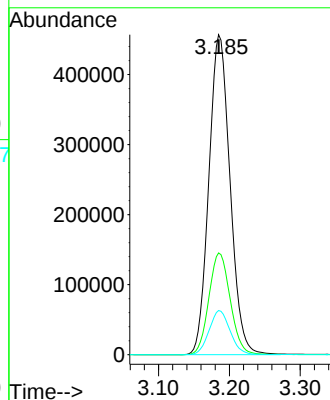
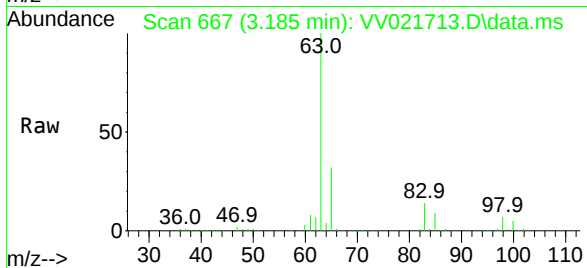
Delta R.T. -0.003 min

Lab File: VV021713.D

Acq: 02 Aug 2021 11:08

Tgt Ion: 63 Resp: 948797

Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.0	41.0
83	13.8	9.7	18.1



#20

cis-1,2-Dichloroethene

Concen: 191.336 ug/L

RT: 3.908 min Scan# 892

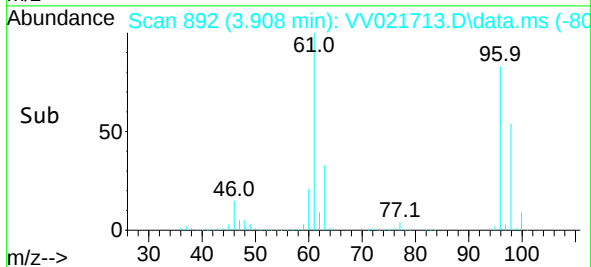
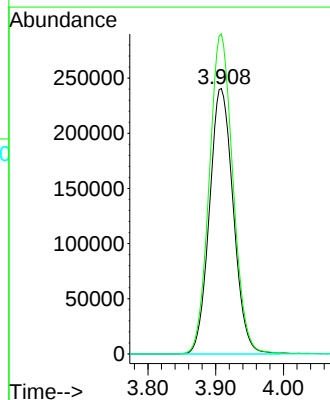
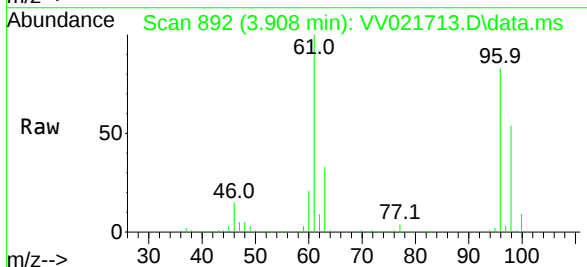
Delta R.T. -0.003 min

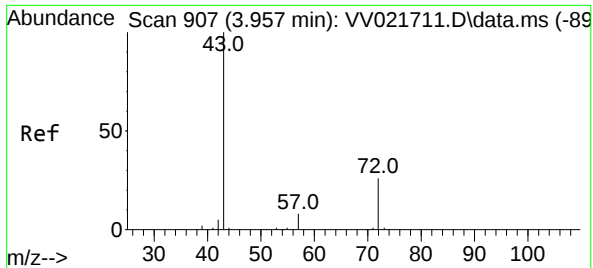
Lab File: VV021713.D

Acq: 02 Aug 2021 11:08

Tgt Ion: 96 Resp: 588469

Ion	Ratio	Lower	Upper
96	100		
61	120.5	84.1	156.3
68	0.0	0.0	0.0

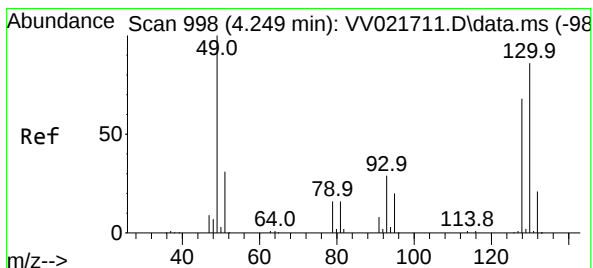
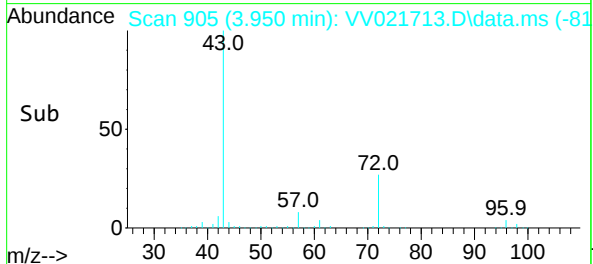
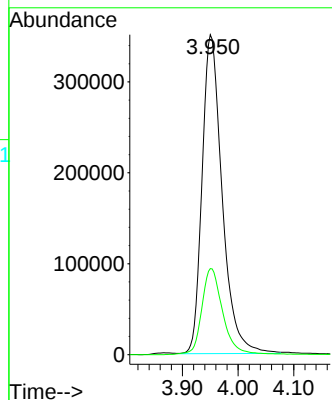
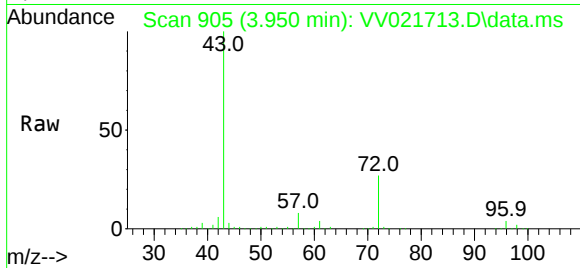




#22
2-Butanone
Concen: 391.731 ug/L
RT: 3.950 min Scan# 905
Delta R.T. -0.007 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

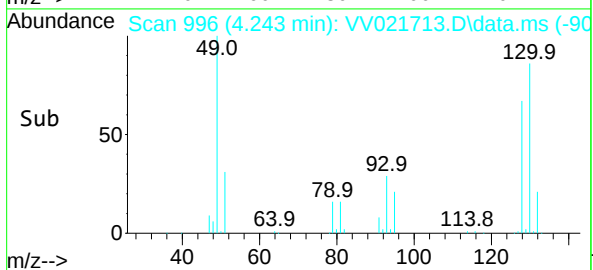
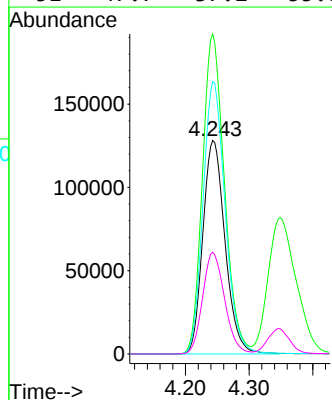
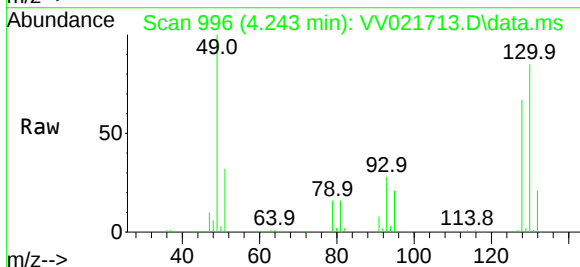
Instrument :
MSVOA_V
ClientSampleId :
VSTD200236

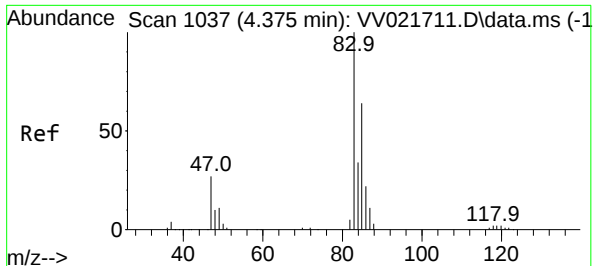
Tgt Ion: 43 Resp: 879688
Ion Ratio Lower Upper
43 100
72 28.2 13.8 41.4



#23
Bromochloromethane
Concen: 190.521 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.007 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

Tgt Ion:128 Resp: 310744
Ion Ratio Lower Upper
128 100
49 149.9 103.6 192.4
130 127.7 88.8 165.0
51 47.7 37.2 55.8





#25

Chloroform

Concen: 189.698 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV021713.D

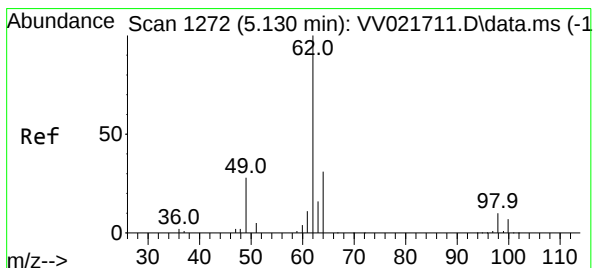
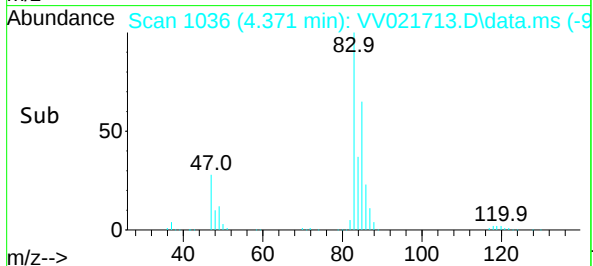
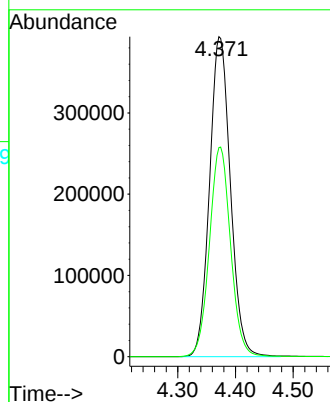
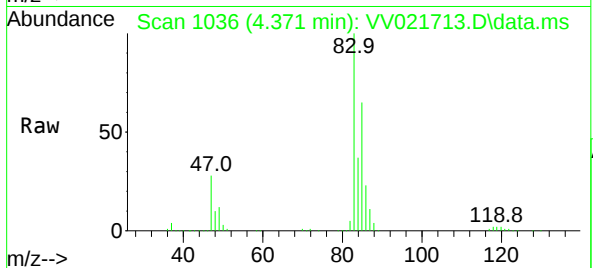
Acq: 02 Aug 2021 11:08

Tgt Ion: 83 Resp: 986397

Ion Ratio Lower Upper

83 100

85 65.4 45.0 83.6



#27

1,2-Dichloroethane

Concen: 188.963 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV021713.D

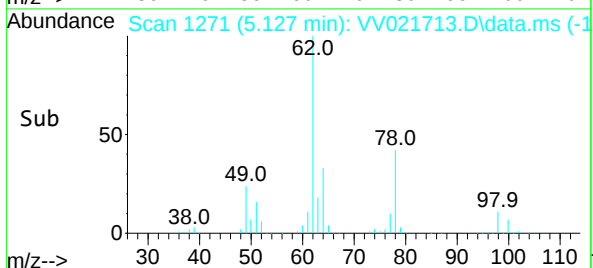
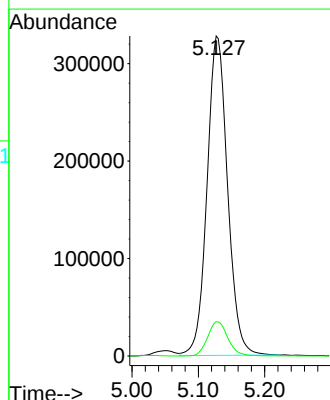
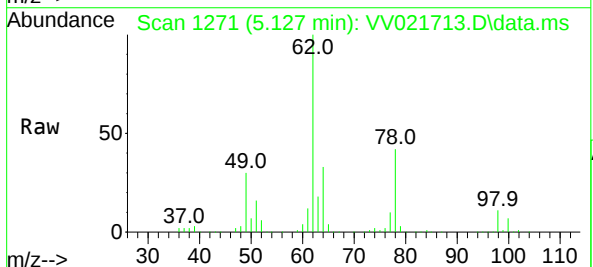
Acq: 02 Aug 2021 11:08

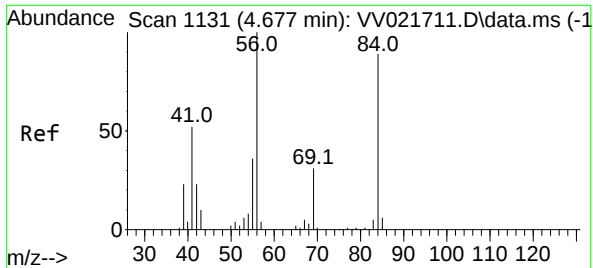
Tgt Ion: 62 Resp: 706179

Ion Ratio Lower Upper

62 100

98 10.7 8.3 12.5





#29

Cyclohexane

Concen: 176.636 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VV021713.D

Acq: 02 Aug 2021 11:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD200236

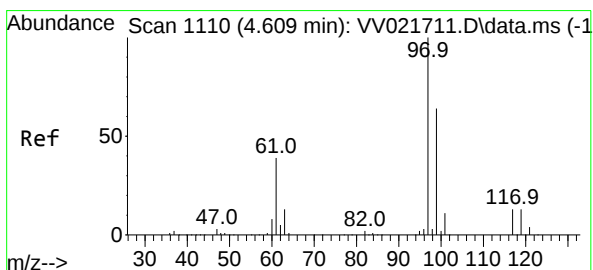
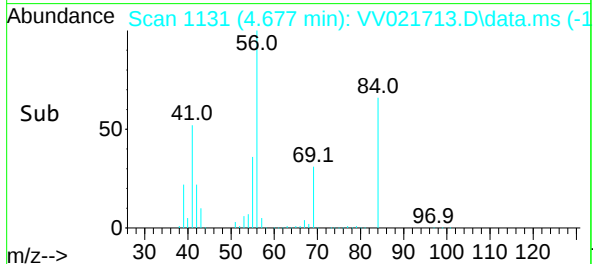
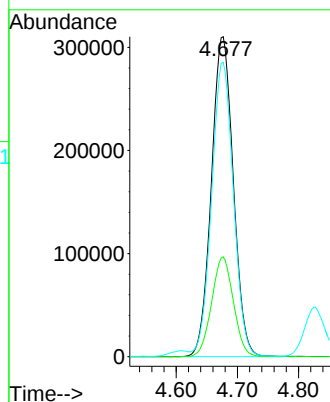
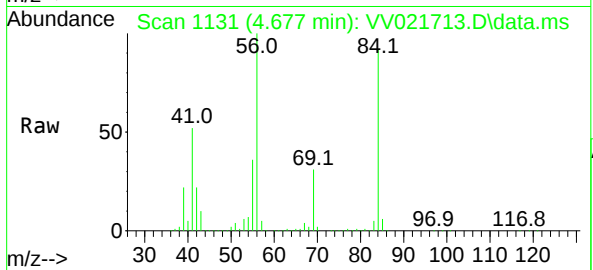
Tgt Ion: 56 Resp: 772993

Ion Ratio Lower Upper

56 100

69 30.9 25.1 37.7

84 91.5 71.7 107.5



#30

1,1,1-Trichloroethane

Concen: 185.573 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.003 min

Lab File: VV021713.D

Acq: 02 Aug 2021 11:08

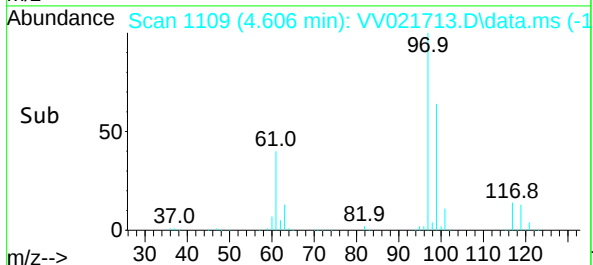
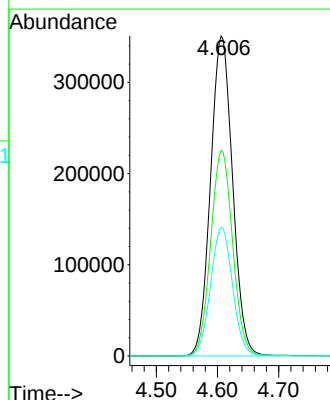
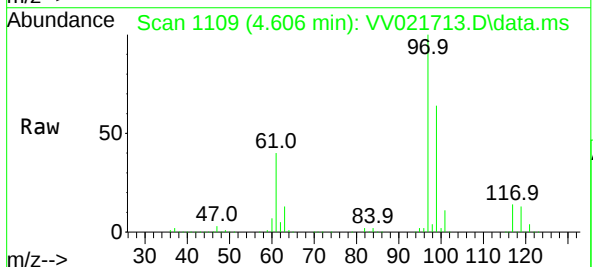
Tgt Ion: 97 Resp: 879375

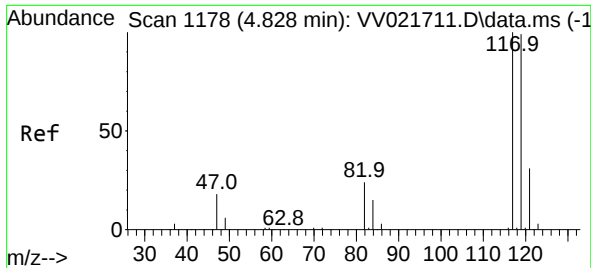
Ion Ratio Lower Upper

97 100

99 64.1 52.0 78.0

61 40.2 32.6 49.0

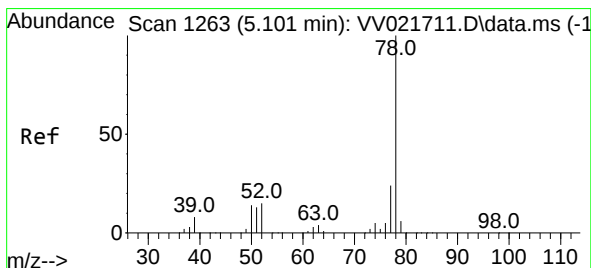
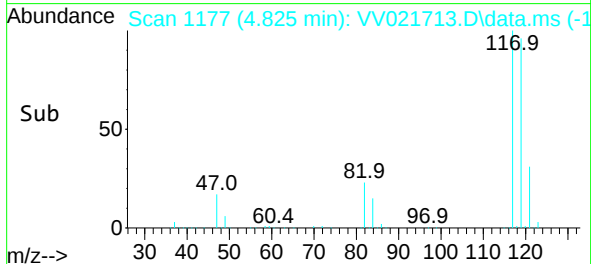
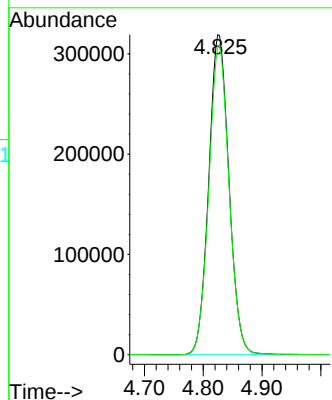
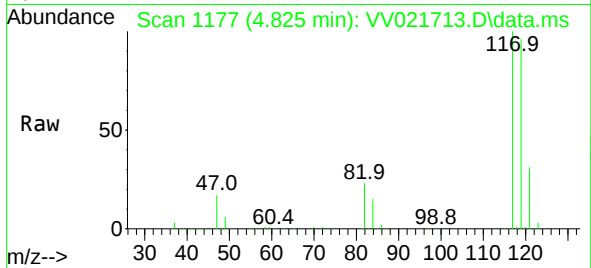




#31
Carbon tetrachloride
Concen: 186.513 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

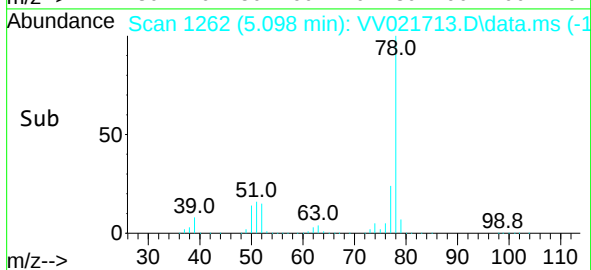
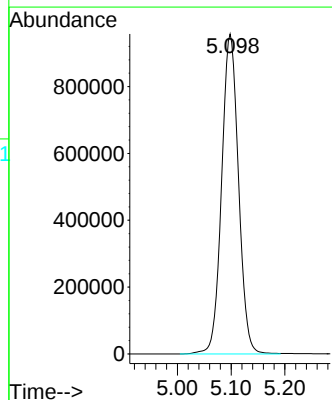
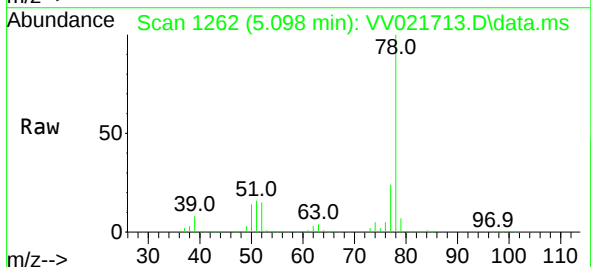
Instrument :
MSVOA_V
ClientSampleId :
VSTD200236

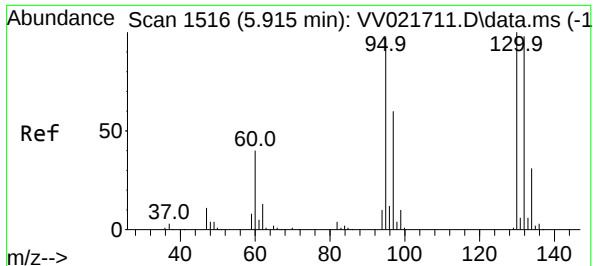
Tgt Ion:117 Resp: 761095
Ion Ratio Lower Upper
117 100
119 96.6 77.7 116.5



#33
Benzene
Concen: 183.669 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

Tgt Ion: 78 Resp: 2082026



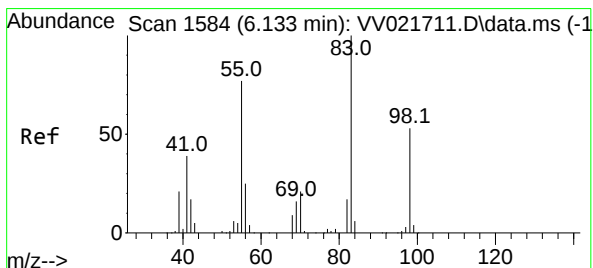
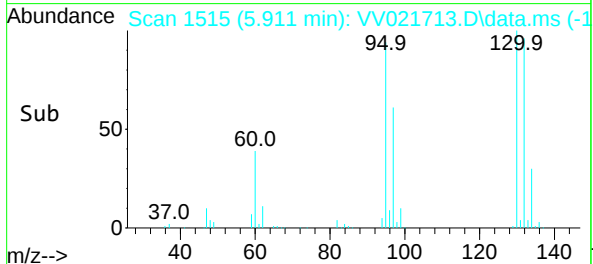
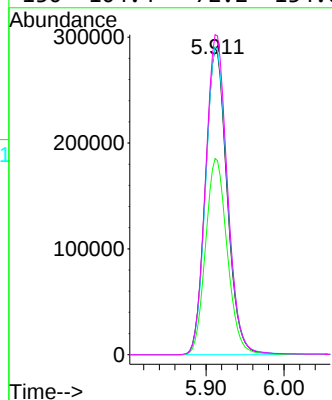
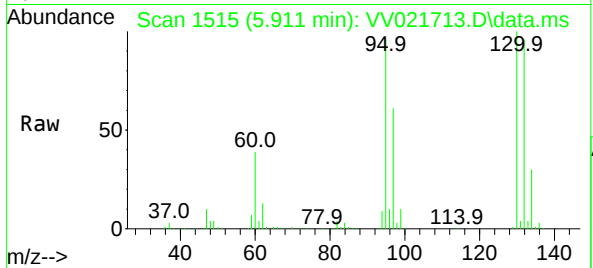


#34
Trichloroethene
Concen: 181.013 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD200236

Tgt Ion: 95 Resp: 559285

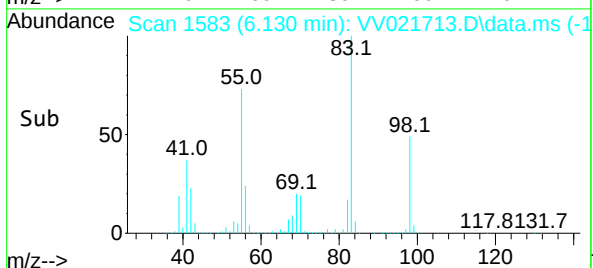
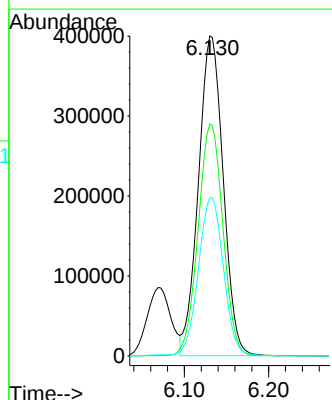
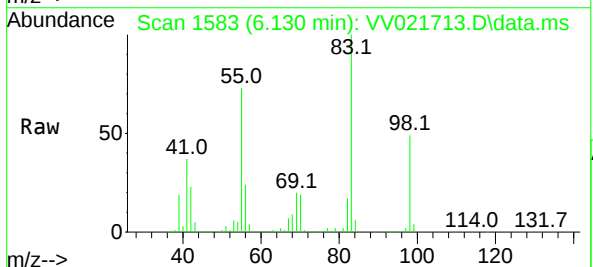
Ion	Ratio	Lower	Upper
95	100		
97	64.0	43.5	80.7
132	100.4	70.6	131.2
130	104.4	72.2	134.0

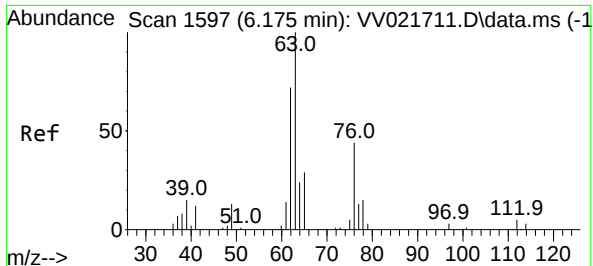


#35
Methylcyclohexane
Concen: 179.676 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

Tgt Ion: 83 Resp: 819564

Ion	Ratio	Lower	Upper
83	100		
55	72.8	59.1	88.7
98	50.2	40.8	61.2



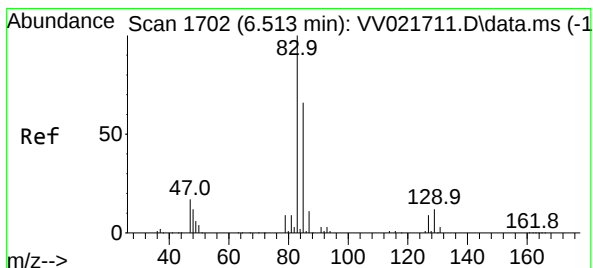
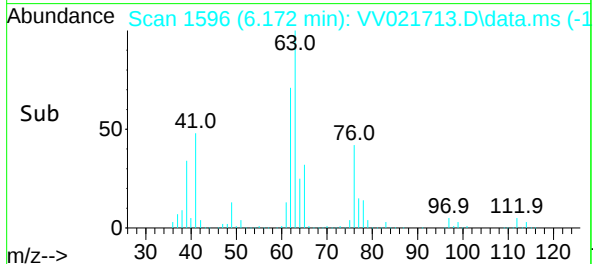
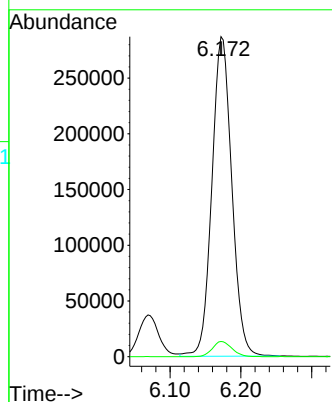
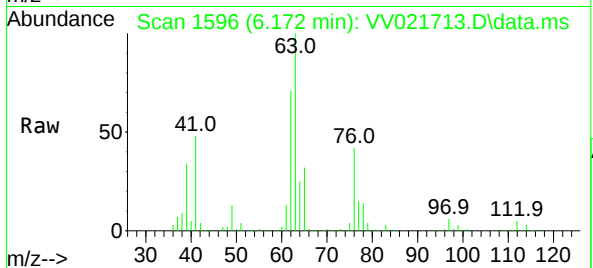


#37

1,2-Dichloropropane
Concen: 188.679 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.003 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD200236

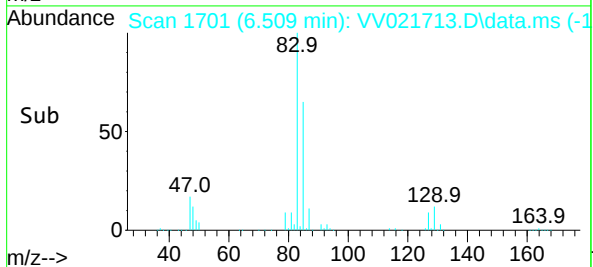
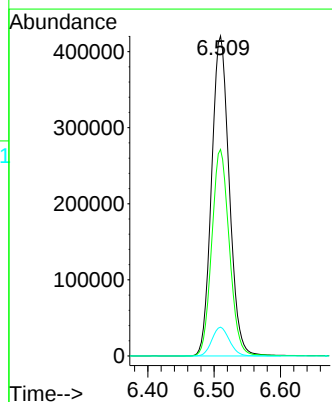
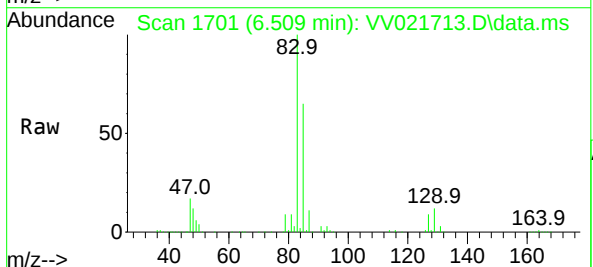
Tgt Ion: 63 Resp: 559231
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.8

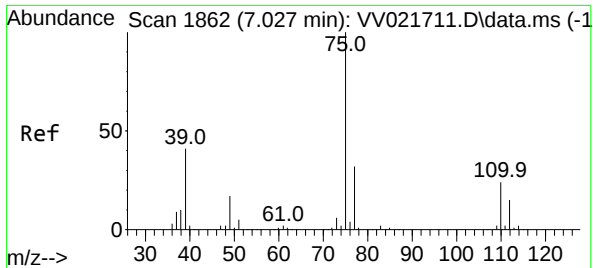


#38

Bromodichloromethane
Concen: 192.845 ug/L
RT: 6.509 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

Tgt Ion: 83 Resp: 778390
Ion Ratio Lower Upper
83 100
85 64.6 45.8 85.2
127 9.0 7.1 10.7

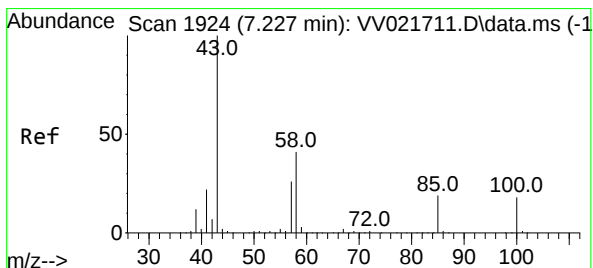
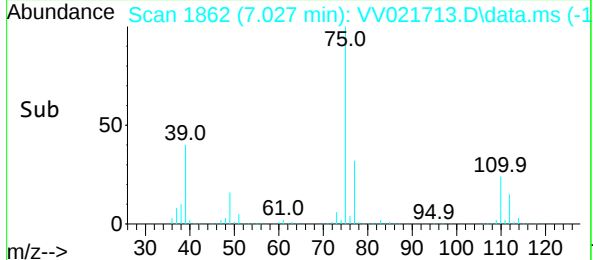
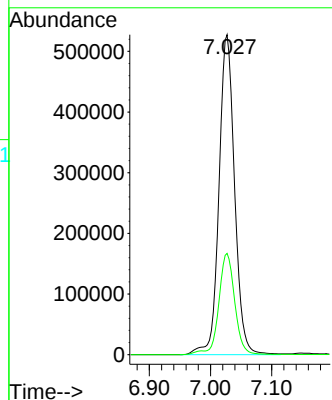
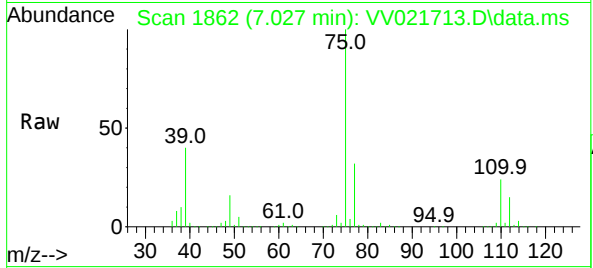




#39
 cis-1,3-Dichloropropene
 Concen: 196.194 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: VV021713.D
 Acq: 02 Aug 2021 11:08

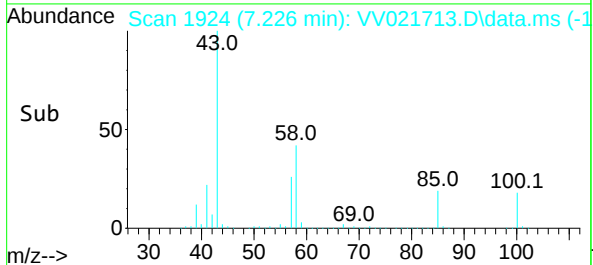
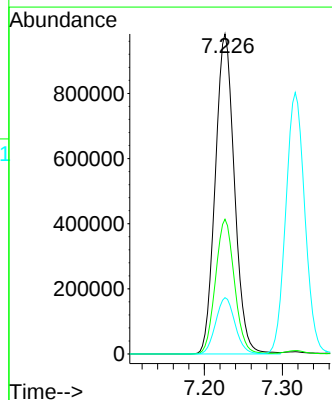
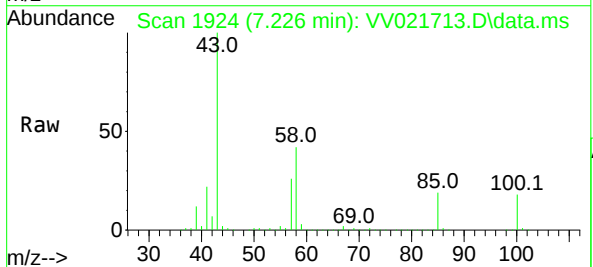
Instrument :
 MSVOA_V
 ClientSampled :
 VSTD200236

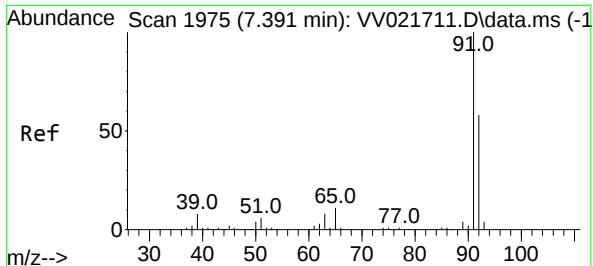
Tgt Ion: 75 Resp: 937070
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 384.491 ug/L
 RT: 7.226 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VV021713.D
 Acq: 02 Aug 2021 11:08

Tgt Ion: 43 Resp: 1679609
 Ion Ratio Lower Upper
 43 100
 58 41.7 32.9 49.3
 100 17.7 13.8 20.8

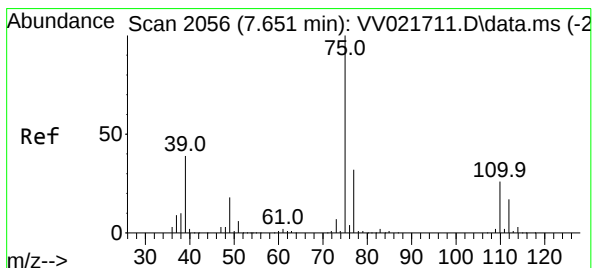
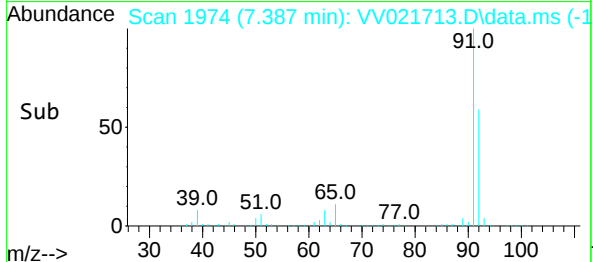
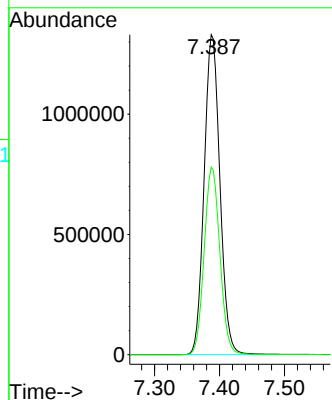
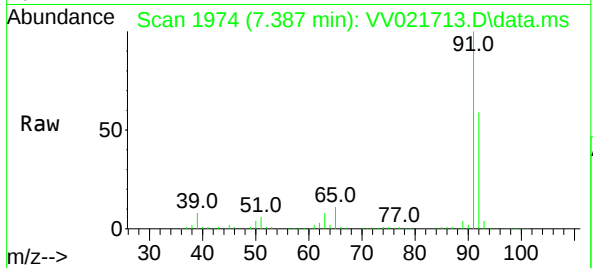




#42
Toluene
Concen: 184.353 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

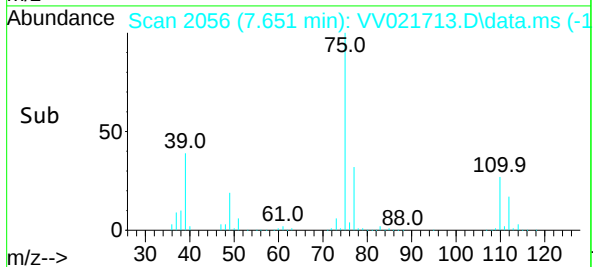
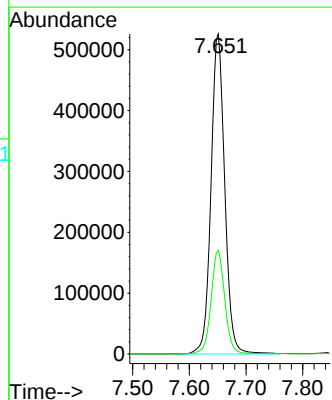
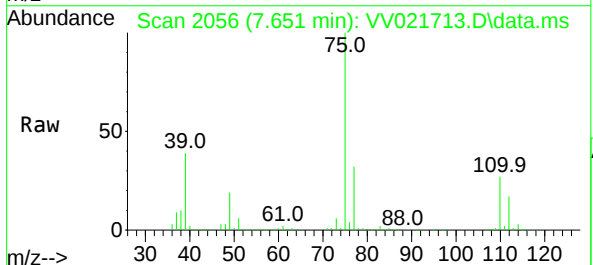
Instrument :
MSVOA_V
ClientSampleId :
VSTD200236

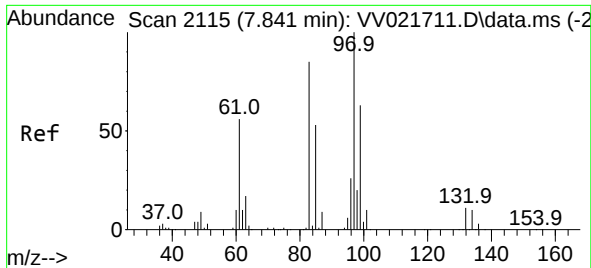
Tgt Ion: 91 Resp: 2255325
Ion Ratio Lower Upper
91 100
92 58.6 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 195.452 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

Tgt Ion: 75 Resp: 885891
Ion Ratio Lower Upper
75 100
77 32.3 22.3 41.5

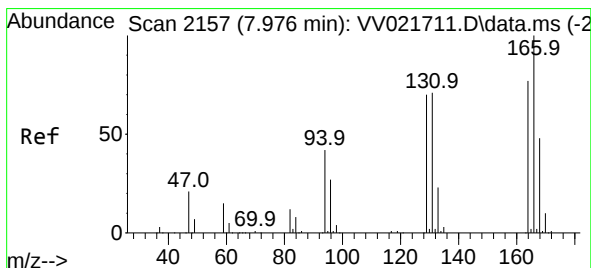
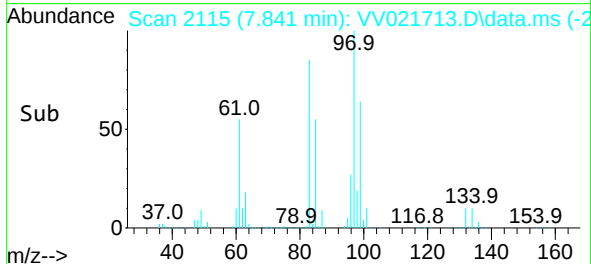
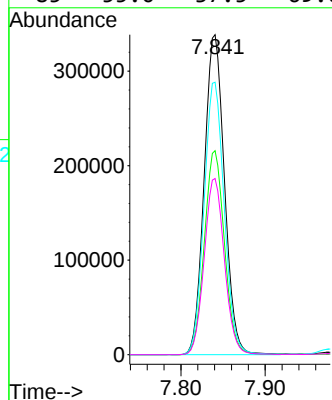
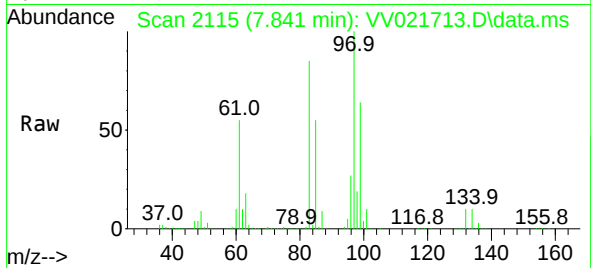




#45
1,1,2-Trichloroethane
Concen: 189.149 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

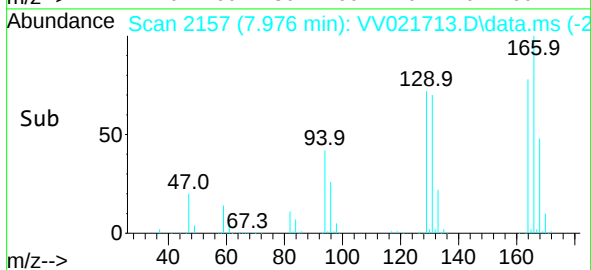
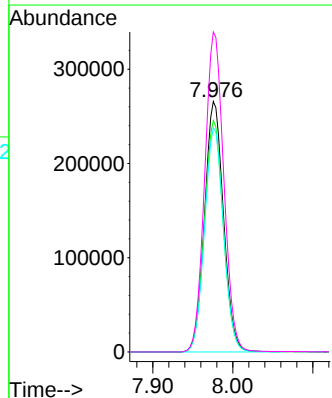
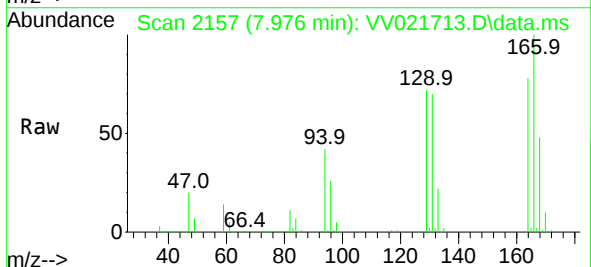
Instrument :
MSVOA_V
ClientSampleId :
VSTD200236

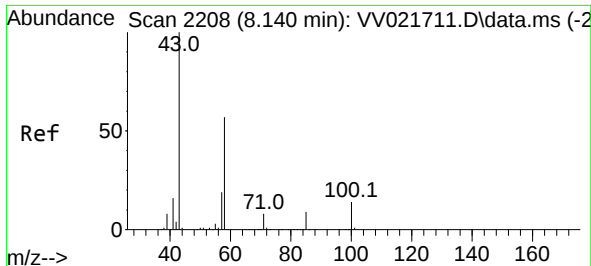
Tgt Ion:	97	Resp:	568031
Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.8	81.3
83	85.2	59.3	110.1
85	55.0	37.5	69.6



#46
Tetrachloroethene
Concen: 183.715 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

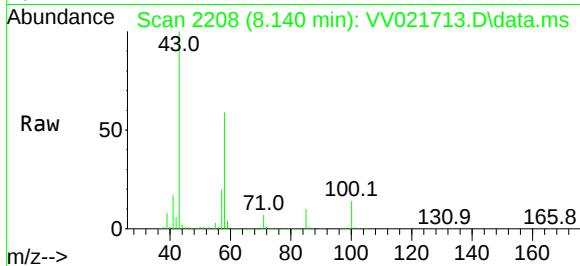
Tgt Ion:	164	Resp:	438697
Ion	Ratio	Lower	Upper
164	100		
129	92.4	64.3	119.5
131	89.5	65.2	121.0
166	127.7	91.4	169.8





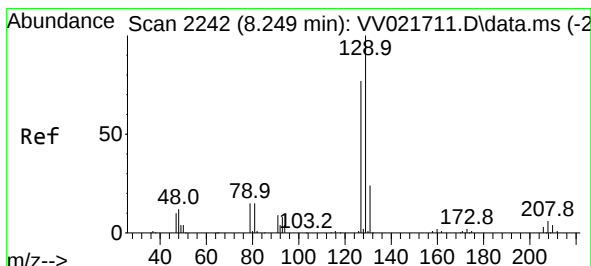
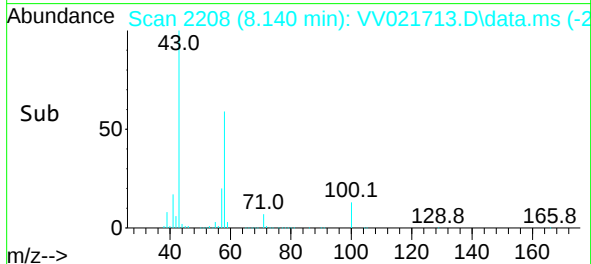
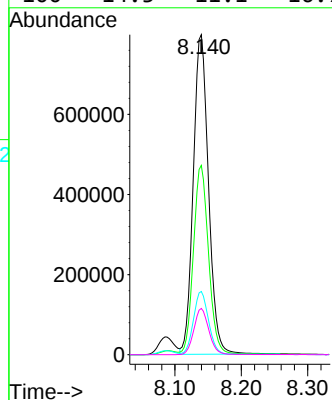
#48
2-Hexanone
Concen: 380.913 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD200236



Tgt Ion: 43 Resp: 1274580

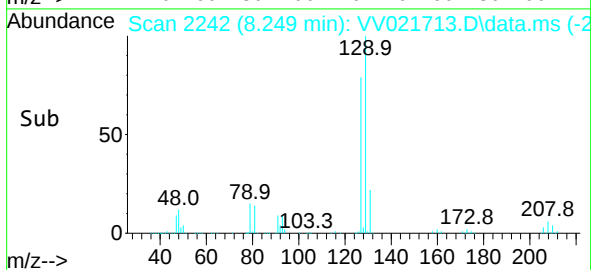
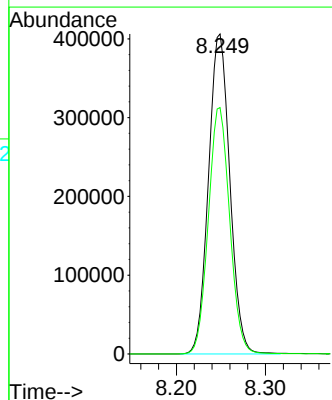
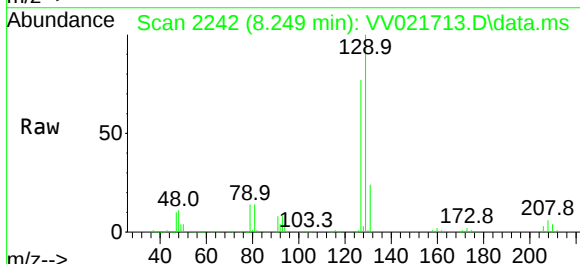
Ion	Ratio	Lower	Upper
43	100		
58	58.5	46.0	69.0
57	19.6	15.0	22.4
100	14.3	11.1	16.7

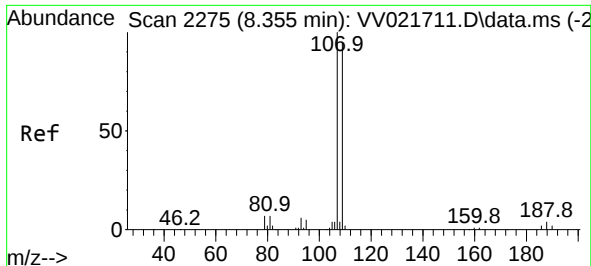


#49
Dibromochloromethane
Concen: 198.942 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

Tgt Ion: 129 Resp: 675830

Ion	Ratio	Lower	Upper
129	100		
127	77.0	54.0	100.2





#50

1,2-Dibromoethane

Concen: 191.323 ug/L

RT: 8.352 min Scan# 2274

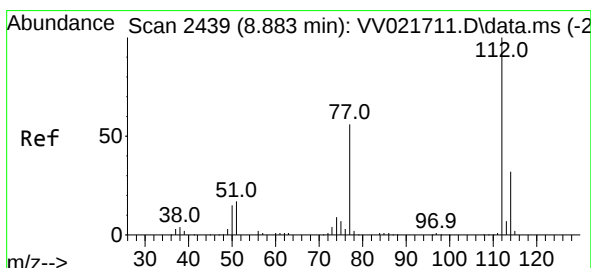
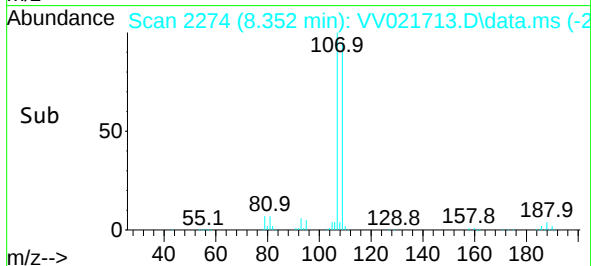
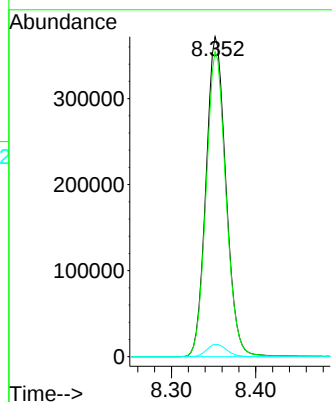
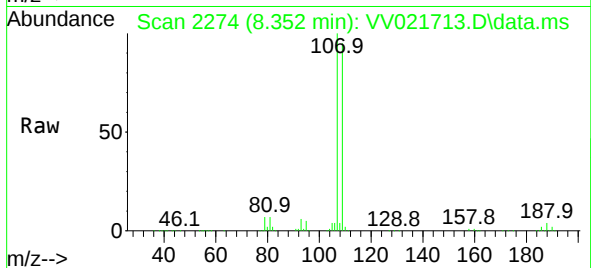
Delta R.T. -0.003 min

Lab File: VV021713.D

Acq: 02 Aug 2021 11:08

Tgt Ion:	107	Resp:	612486
Ion	Ratio	Lower	Upper
107	100		
109	95.3	66.2	123.0
188	3.8	3.1	4.7

Instrument :
MSVOA_V
ClientSampleId :
VSTD200236



#51

Chlorobenzene

Concen: 188.388 ug/L

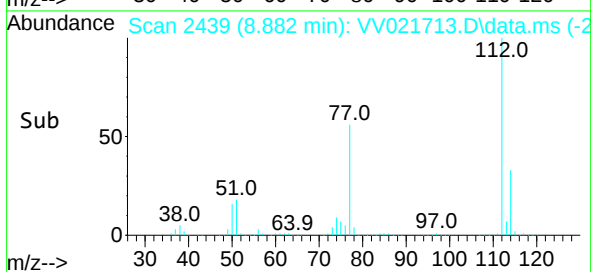
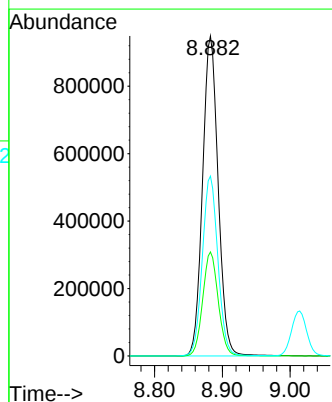
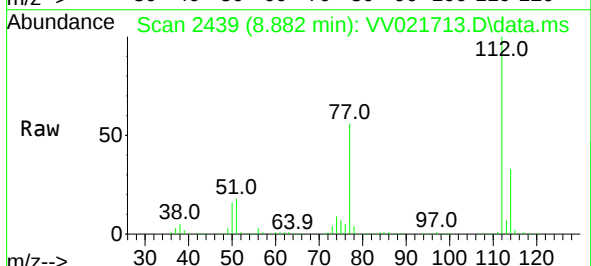
RT: 8.882 min Scan# 2439

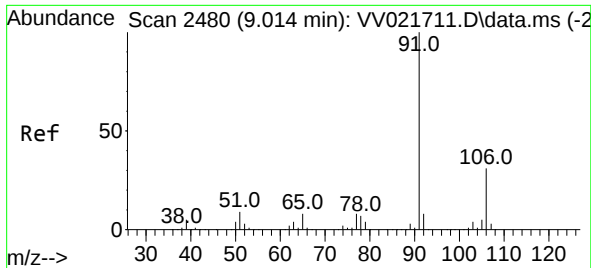
Delta R.T. -0.000 min

Lab File: VV021713.D

Acq: 02 Aug 2021 11:08

Tgt Ion:	112	Resp:	1516148
Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.6	42.0
77	56.2	45.0	67.4

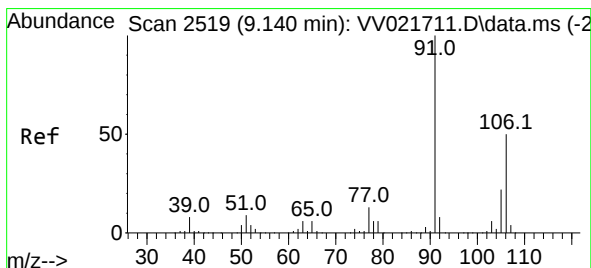
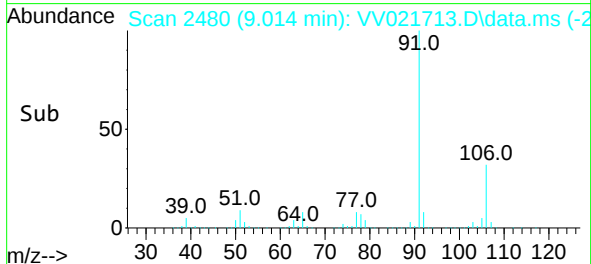
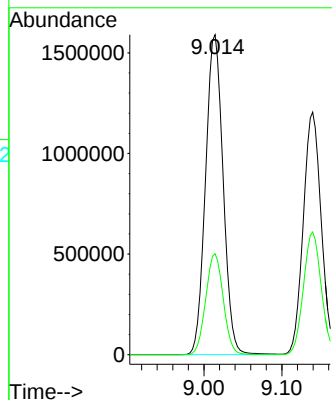
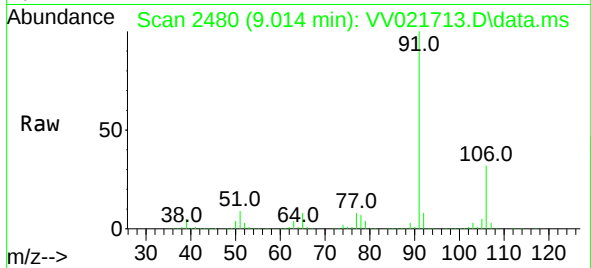




#52
Ethylbenzene
Concen: 189.943 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

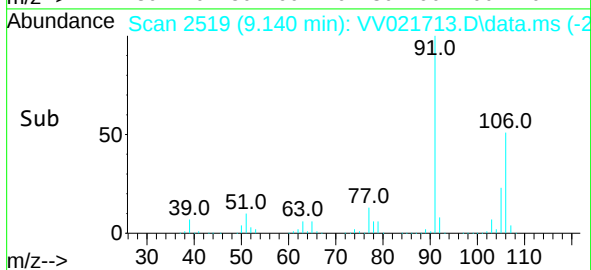
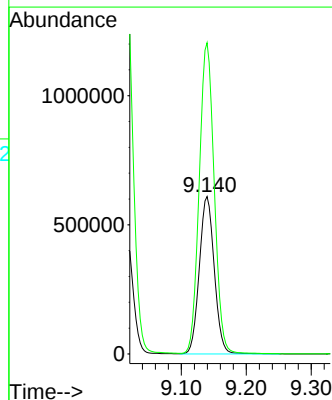
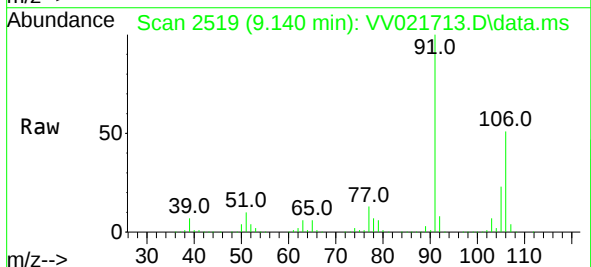
Instrument :
MSVOA_V
ClientSampled :
VSTD200236

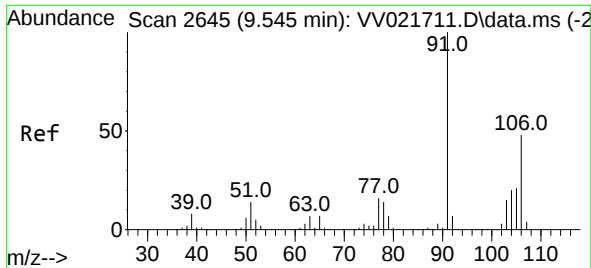
Tgt Ion: 91 Resp: 2494089
Ion Ratio Lower Upper
91 100
106 31.6 22.0 40.8



#53
m,p-Xylene
Concen: 191.598 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

Tgt Ion: 106 Resp: 975232
Ion Ratio Lower Upper
106 100
91 197.7 138.9 258.1

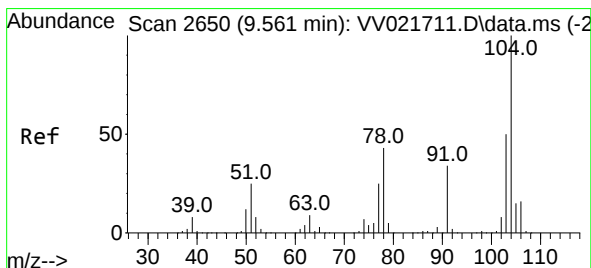
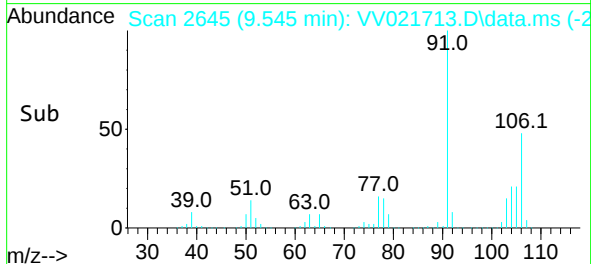
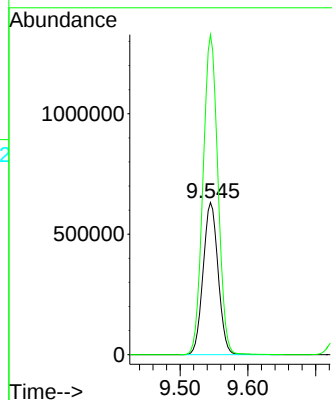
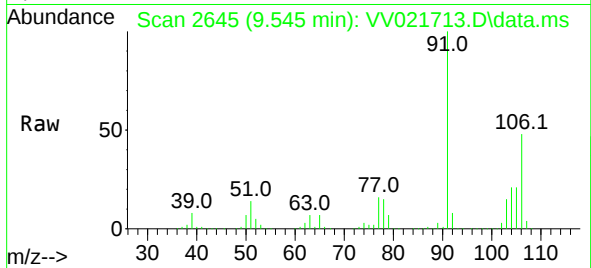




#54
o-Xylene
Concen: 189.391 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

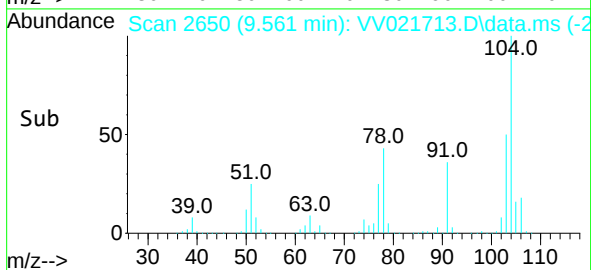
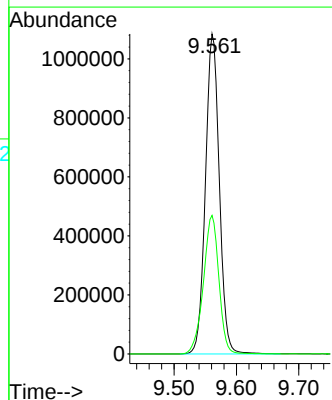
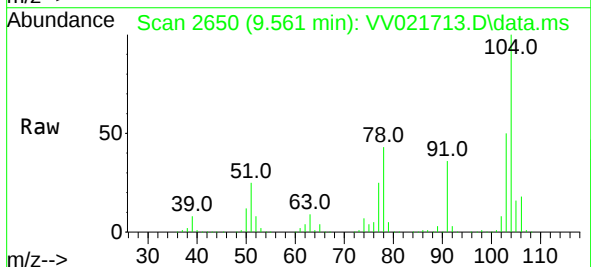
Instrument :
MSVOA_V
ClientSampleId :
VSTD200236

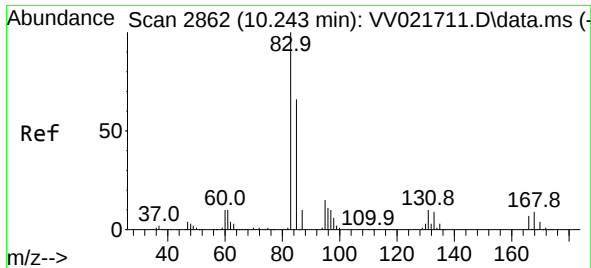
Tgt Ion:106 Resp: 969265
Ion Ratio Lower Upper
106 100
91 210.3 147.4 273.8



#55
Styrene
Concen: 195.009 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

Tgt Ion:104 Resp: 1681530
Ion Ratio Lower Upper
104 100
78 43.3 30.0 55.8

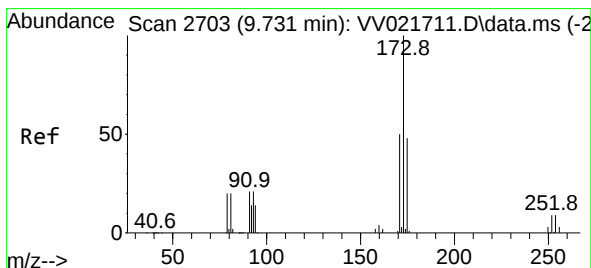
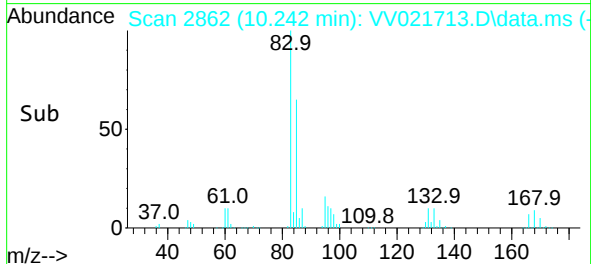
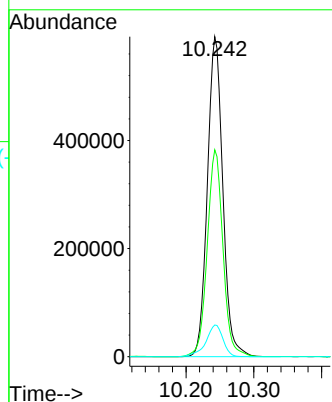
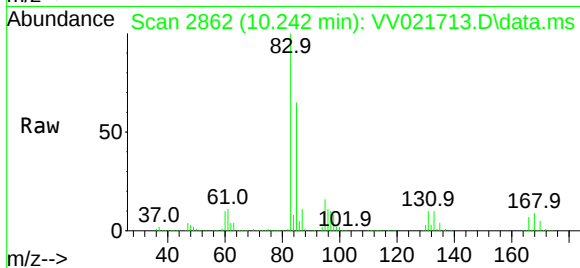




#57
1,1,2,2-Tetrachloroethane
Concen: 203.840 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

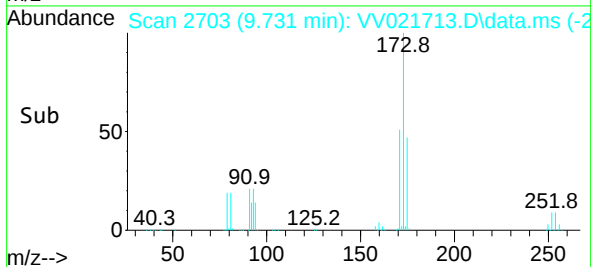
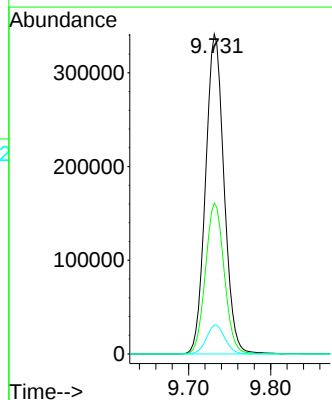
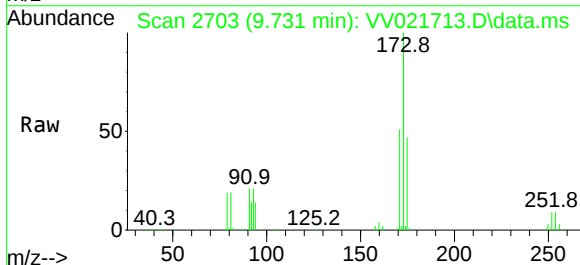
Instrument :
MSVOA_V
ClientSampleId :
VSTD200236

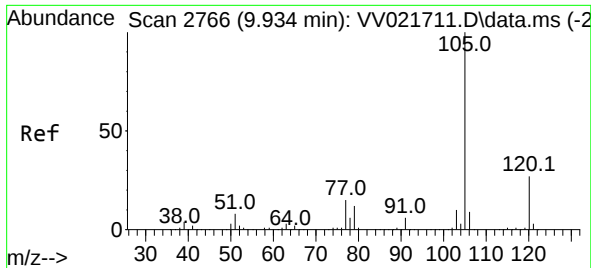
Tgt Ion: 83 Resp: 934973
Ion Ratio Lower Upper
83 100
85 64.7 46.0 85.4
131 9.9 8.1 12.1



#59
Bromoform
Concen: 197.873 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

Tgt Ion: 173 Resp: 534766
Ion Ratio Lower Upper
173 100
175 47.9 39.0 58.4
254 9.0 7.2 10.8

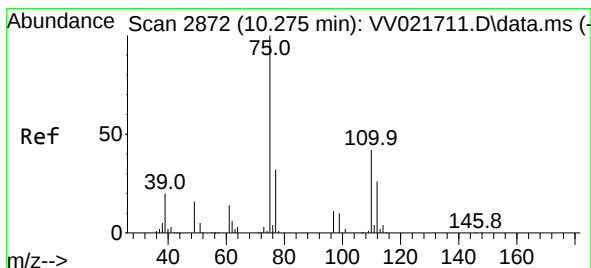
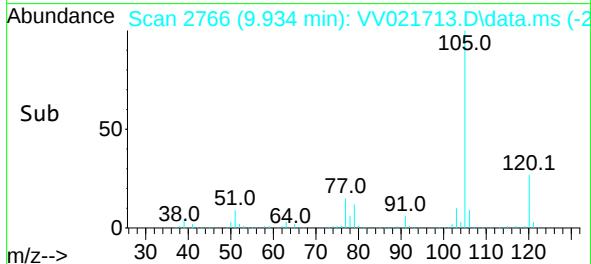
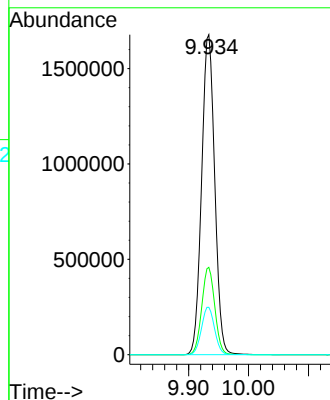
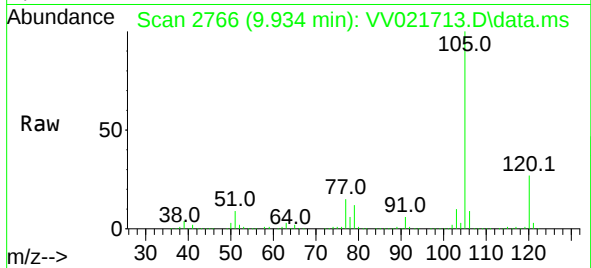




#60
Isopropylbenzene
Concen: 180.119 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

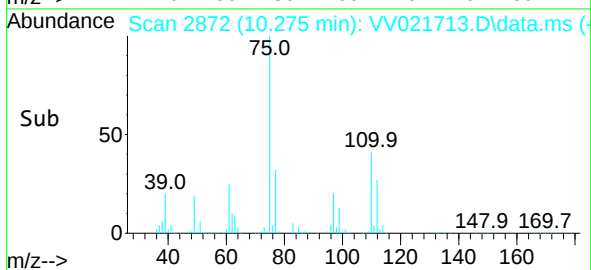
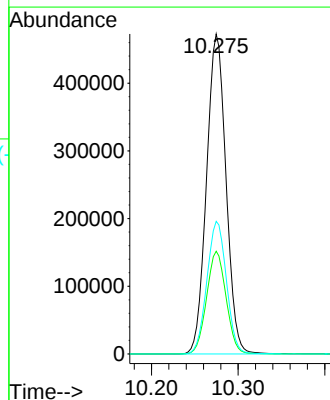
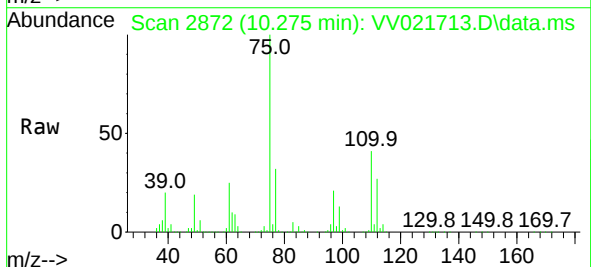
Instrument :
MSVOA_V
ClientSampleId :
VSTD200236

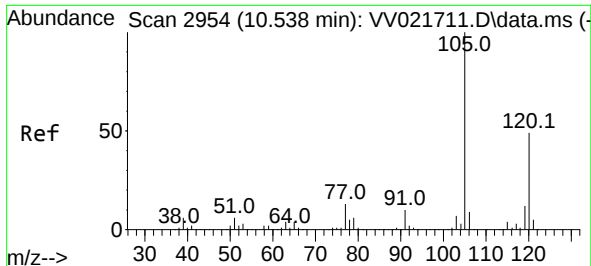
Tgt Ion:105 Resp: 2553915
Ion Ratio Lower Upper
105 100
120 27.1 21.5 32.3
77 14.9 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 181.705 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

Tgt Ion: 75 Resp: 737852
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
110 41.7 33.8 50.6

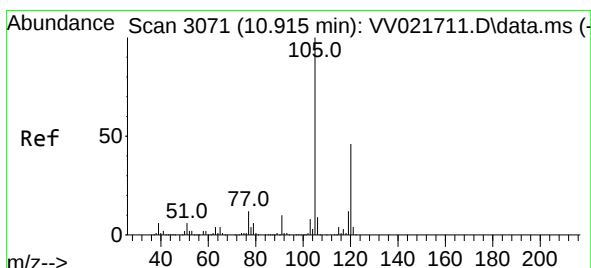
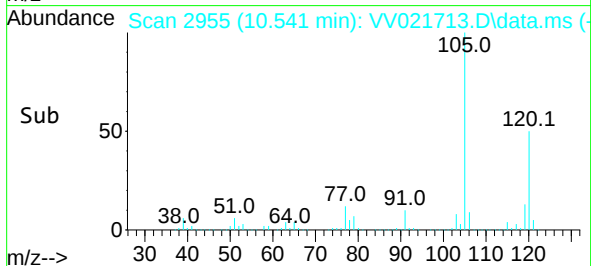
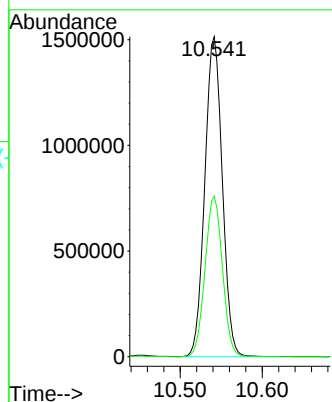
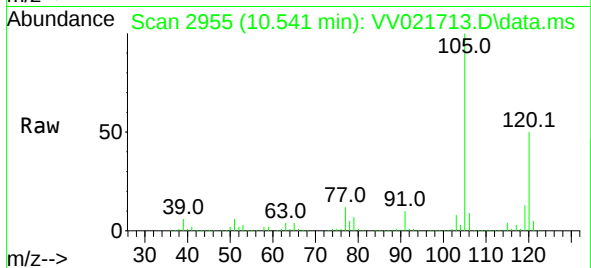




#62
1,3,5-Trimethylbenzene
Concen: 187.010 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

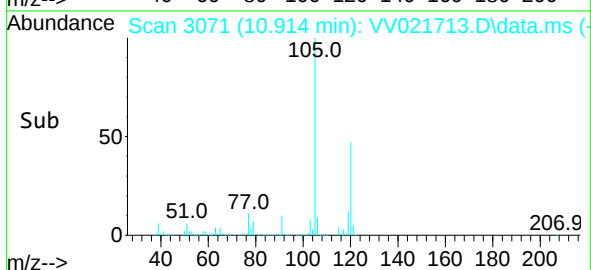
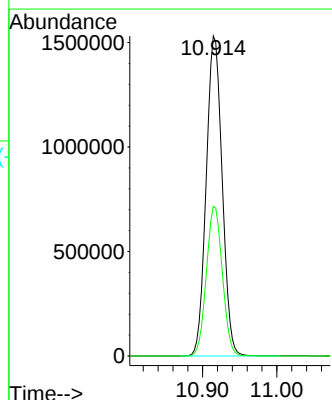
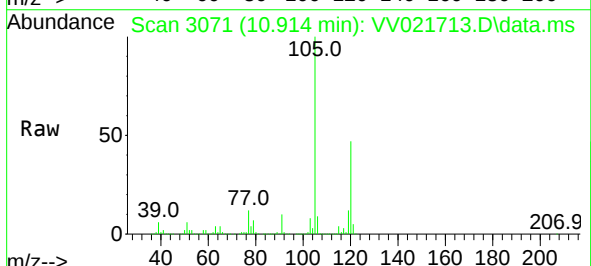
Instrument :
MSVOA_V
ClientSampleId :
VSTD200236

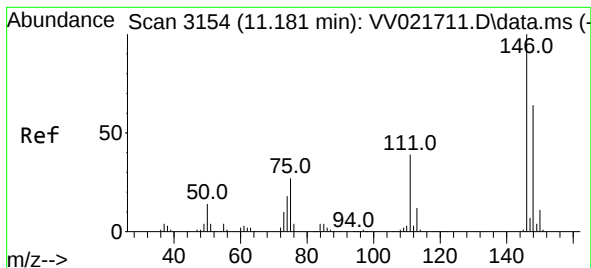
Tgt Ion:105 Resp: 2238066
Ion Ratio Lower Upper
105 100
120 49.9 39.8 59.6



#63
1,2,4-Trimethylbenzene
Concen: 188.094 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

Tgt Ion:105 Resp: 2278445
Ion Ratio Lower Upper
105 100
120 46.9 37.0 55.6





#64

1,3-Dichlorobenzene

Concen: 190.753 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. -0.000 min

Lab File: VV021713.D

Acq: 02 Aug 2021 11:08

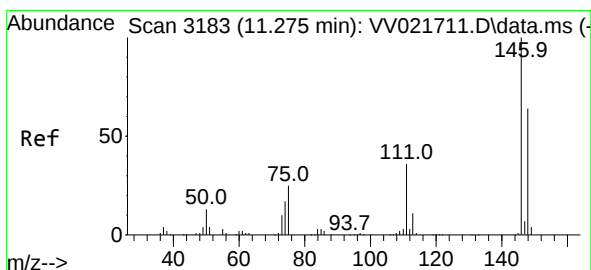
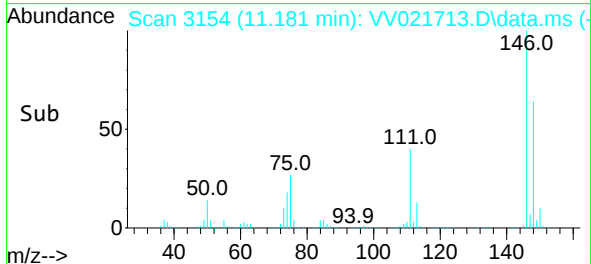
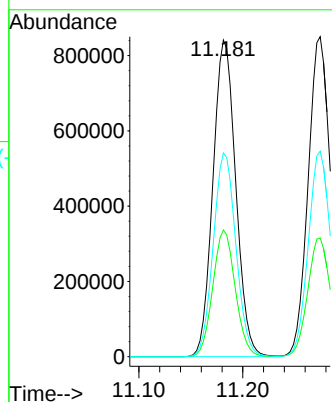
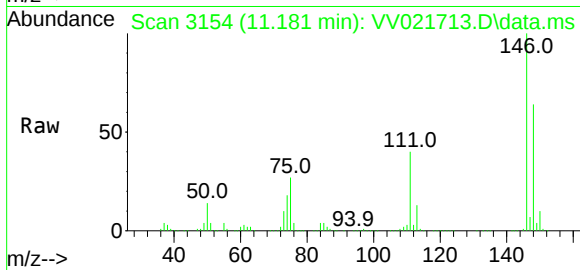
Tgt Ion:146 Resp: 1284694

Ion Ratio Lower Upper

146 100

111 40.0 27.3 50.7

148 64.3 44.4 82.5



#65

1,4-Dichlorobenzene

Concen: 190.789 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. -0.000 min

Lab File: VV021713.D

Acq: 02 Aug 2021 11:08

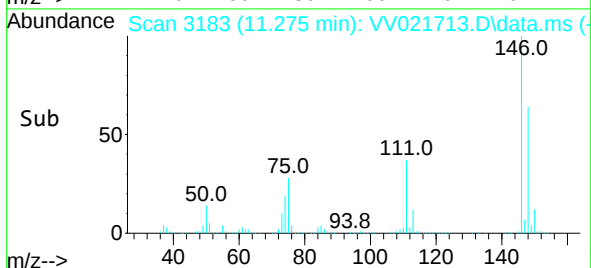
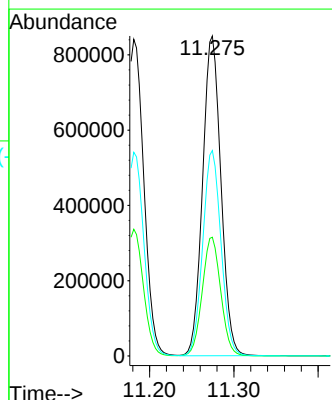
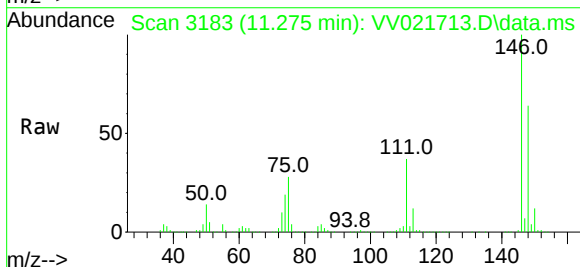
Tgt Ion:146 Resp: 1288271

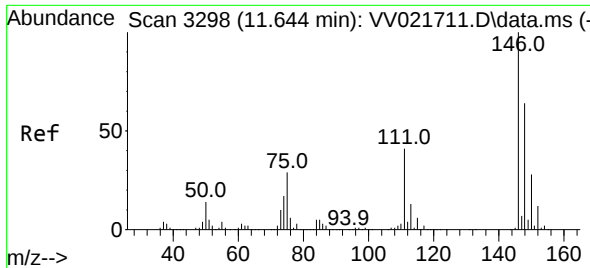
Ion Ratio Lower Upper

146 100

111 37.1 25.6 47.4

148 64.2 44.7 82.9

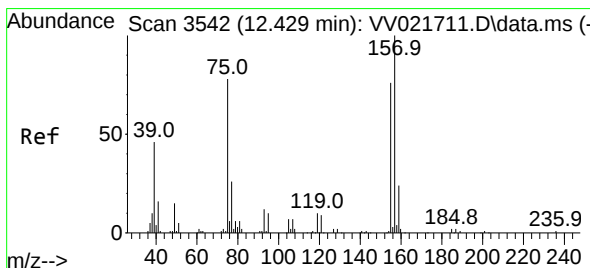
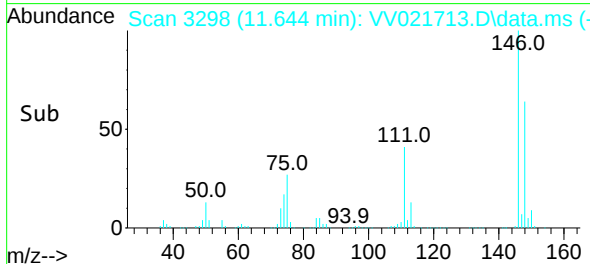
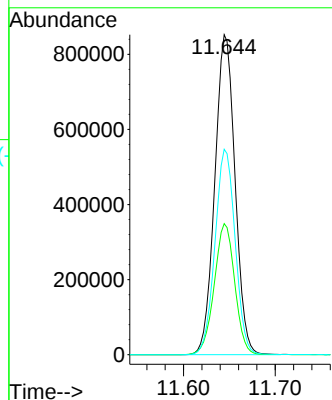
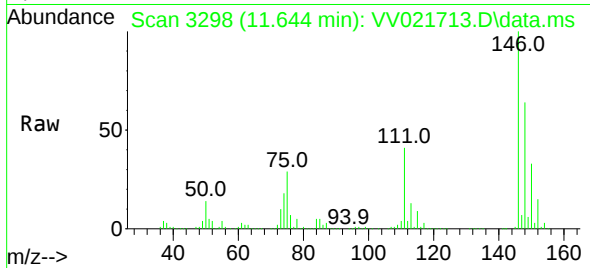




#67
1,2-Dichlorobenzene
Concen: 191.219 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

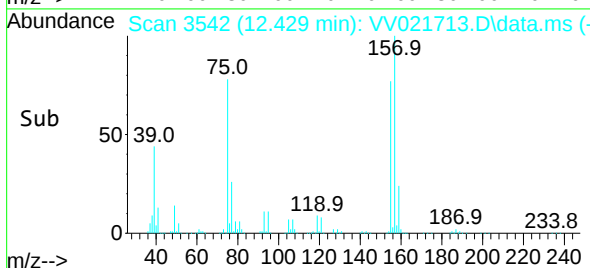
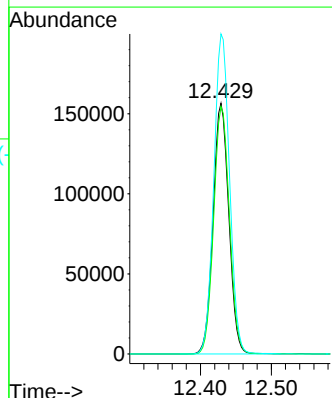
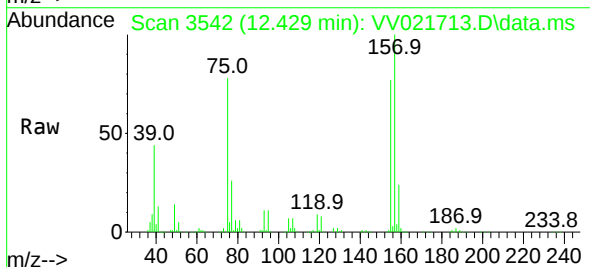
Instrument :
MSVOA_V
ClientSampleId :
VSTD200236

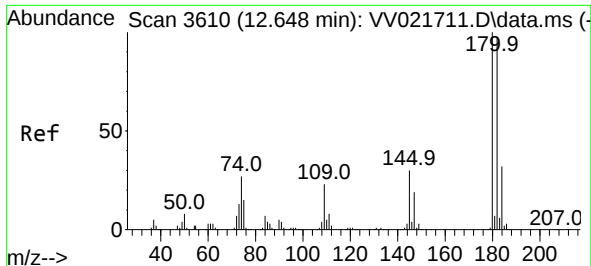
Tgt Ion:146 Resp: 1306638
Ion Ratio Lower Upper
146 100
111 40.9 32.5 48.7
148 64.2 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 216.010 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

Tgt Ion: 75 Resp: 241194
Ion Ratio Lower Upper
75 100
155 98.7 77.7 116.5
157 127.6 102.6 154.0

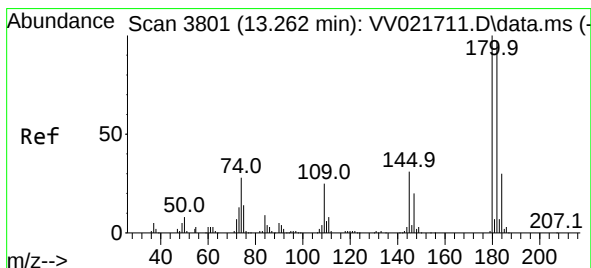
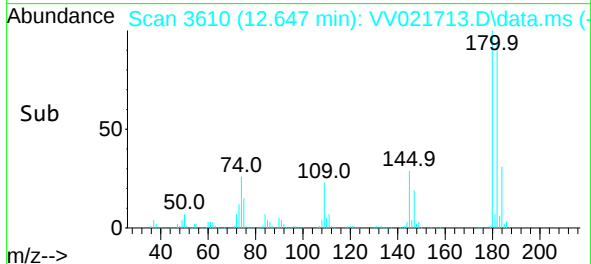
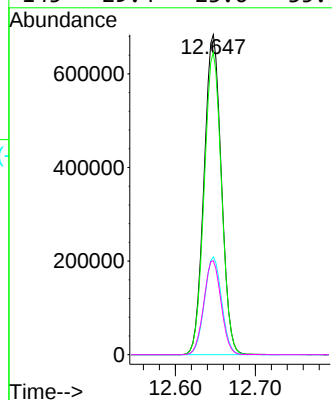
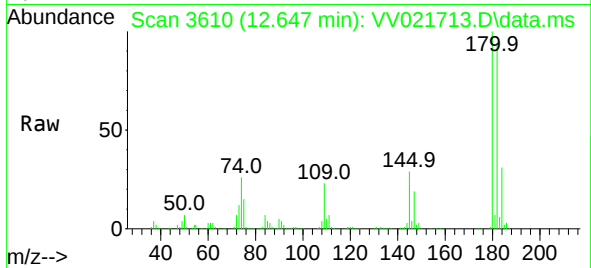




#69
1,3,5-Trichlorobenzene
Concen: 206.513 ug/L
RT: 12.647 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

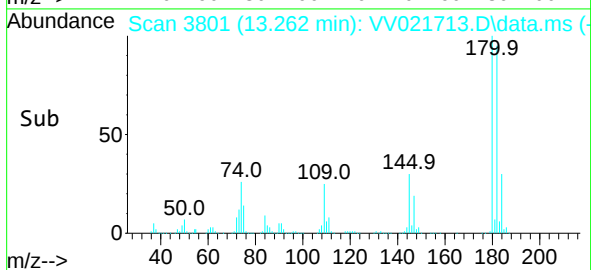
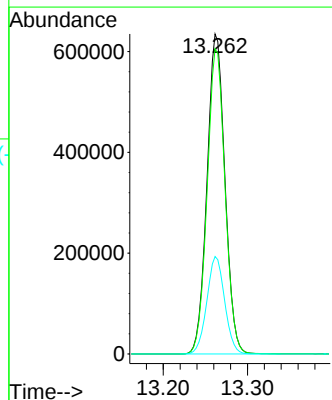
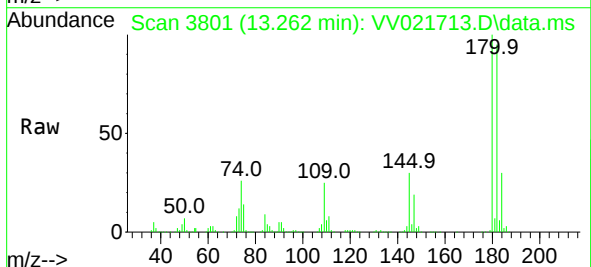
Instrument :
MSVOA_V
ClientSampleId :
VSTD200236

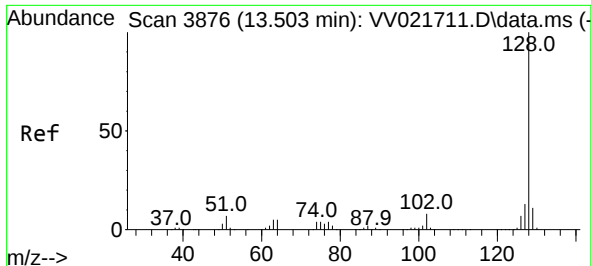
Tgt Ion:180 Resp: 1031257
Ion Ratio Lower Upper
180 100
182 94.6 77.1 115.7
184 30.3 24.6 36.8
145 29.4 23.6 35.4



#70
1,2,4-trichlorobenzene
Concen: 214.633 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

Tgt Ion:180 Resp: 938916
Ion Ratio Lower Upper
180 100
182 95.3 76.3 114.5
145 30.3 24.1 36.1

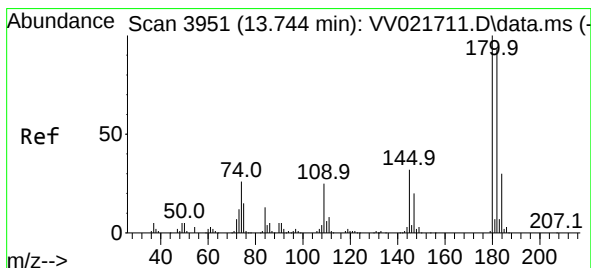
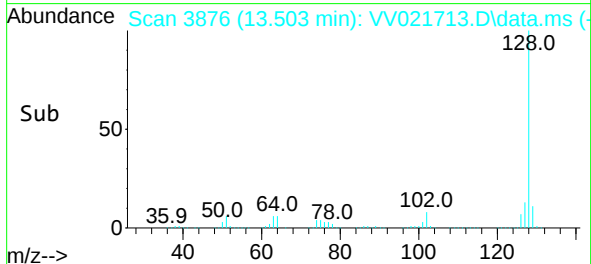
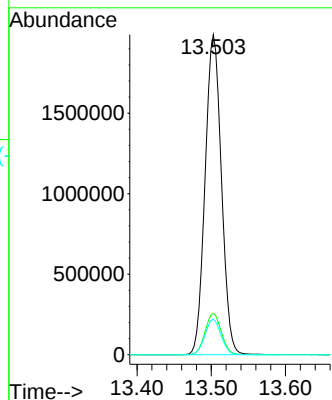
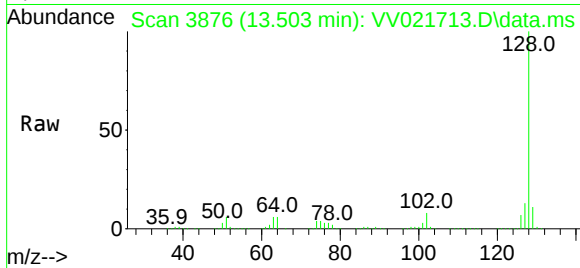




#71
Naphthalene
Concen: 225.554 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD200236

Tgt Ion:128 Resp: 3022359
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 208.752 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV021713.D
Acq: 02 Aug 2021 11:08

Tgt Ion:180 Resp: 925247
Ion Ratio Lower Upper
180 100
182 95.6 76.8 115.2
145 32.2 25.5 38.3

