

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081121\
 Data File : VV021772.D
 Acq On : 11 Aug 2021 14:54
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 12 03:14:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 12 03:04:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	219998	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	204169	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	108626	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40079	4.758	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.565	69	47676	4.784	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.105	63	91329	4.782	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	3.915	46	159078	47.513	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.020%
24) Chloroform-d	4.346	84	131073	4.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.031	65	60186	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.047	84	255993	5.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	6.069	67	82003	4.992	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.313	98	239505	5.110	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
43) trans-1,3-Dichloroprop...	7.625	79	25575	5.066	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.400%
46) 2-Hexanone-d5	8.092	63	127149	51.626	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.260%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	54745	5.008	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	94102	5.010	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	89713	5.675	ug/L	99
3) Chloromethane	1.240	50	75663	5.583	ug/L	100
5) Vinyl chloride	1.307	62	80167	5.618	ug/L	99
6) Bromomethane	1.520	94	50637	5.621	ug/L	99
8) Chloroethane	1.581	64	49344	5.506	ug/L	96
9) Trichlorofluoromethane	1.748	101	119005	5.676	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	61152	5.418	ug/L	98
12) 1,1-Dichloroethene	2.114	96	52834	5.216	ug/L	90
13) Acetone	2.214	43	35540	16.772	ug/L	97
14) Carbon disulfide	2.288	76	163758	5.527	ug/L	99
15) Methyl Acetate	2.446	43	33056	5.428	ug/L	93
16) Methylene chloride	2.503	84	117379	6.415	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	176383	5.539	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	72270	5.537	ug/L	98
19) 1,1-Dichloroethane	3.185	63	137851	5.658	ug/L	98
21) 2-Butanone	3.995	43	181009	52.349	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	81385	5.525	ug/L	98
23) Bromochloromethane	4.246	128	35930	5.421	ug/L	96
25) Chloroform	4.371	83	140712	5.413	ug/L	96

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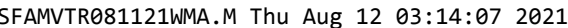
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 ClientSampleId :

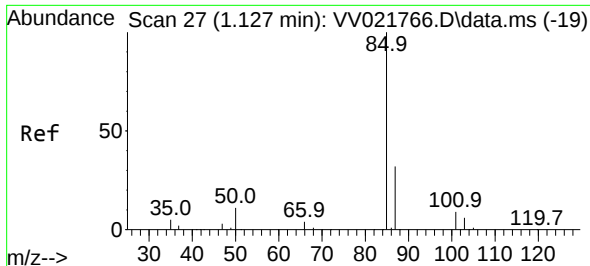
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 12 03:04:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	75647	5.456	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	124376	5.705	ug/L	99
30) Cyclohexane	4.670	56	112521	5.748	ug/L	99
31) Carbon tetrachloride	4.822	117	106591	5.675	ug/L	100
33) Benzene	5.095	78	297120	5.686	ug/L	100
34) Trichloroethene	5.912	95	85441	5.812	ug/L	96
35) Methylcyclohexane	6.127	83	122034	5.758	ug/L	99
37) 1,2-Dichloropropane	6.172	63	75557	5.691	ug/L	100
38) Bromodichloromethane	6.510	83	96516	5.634	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	112750	5.878	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	459935	56.378	ug/L	99
42) Toluene	7.387	91	324395	5.733	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	93681	5.759	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	56182	5.658	ug/L	98
47) Tetrachloroethene	7.976	164	65203	5.711	ug/L	98
48) 2-Hexanone	8.140	43	327218	58.193	ug/L	99
49) Dibromochloromethane	8.246	129	67262	5.703	ug/L	100
50) 1,2-Dibromoethane	8.352	107	52069	5.625	ug/L	99
51) Chlorobenzene	8.883	112	213898	5.676	ug/L	99
52) Ethylbenzene	9.011	91	351507	5.770	ug/L	99
53) m,p-xylene	9.137	106	135459	5.686	ug/L	96
54) o-xylene	9.545	106	135516	5.771	ug/L	97
55) Styrene	9.561	104	227845	5.852	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	57136	5.596	ug/L	100
59) Bromoform	9.731	173	36162	5.572	ug/L	99
60) Isopropylbenzene	9.931	105	366819	5.724	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	46873	5.598	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	309013	5.789	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	313499	5.777	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	179381	5.790	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	175700	5.703	ug/L	97
67) 1,2-Dichlorobenzene	11.645	146	165195	5.698	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	8559	5.434	ug/L	93
69) 1,3,5-Trichlorobenzene	12.648	180	138431	5.735	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	108707	5.707	ug/L	97
71) Naphthalene	13.503	128	179011	6.331	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	100825	6.021	ug/L	99

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

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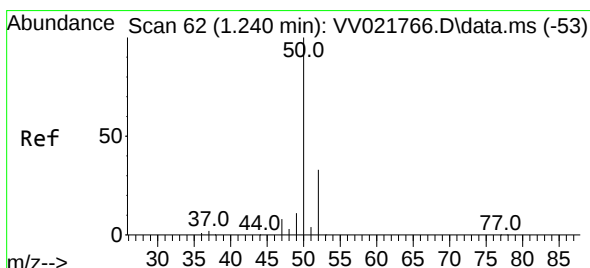
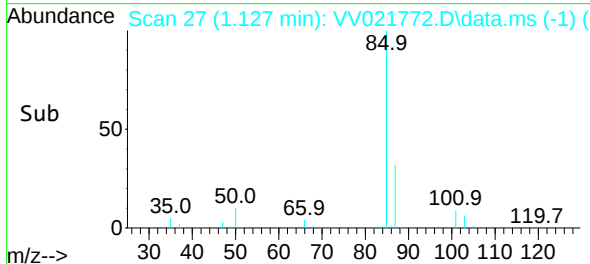
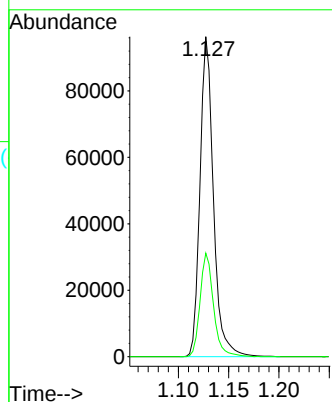
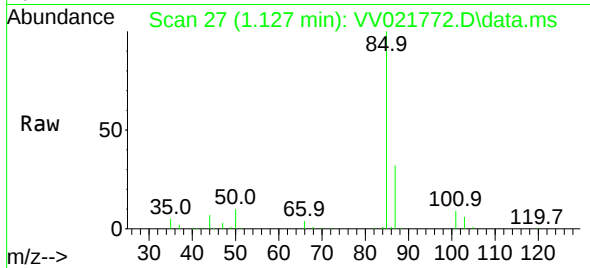




#2
 Dichlorodifluoromethane
 Concen: 5.675 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021772.D
 Acq: 11 Aug 2021 14:54

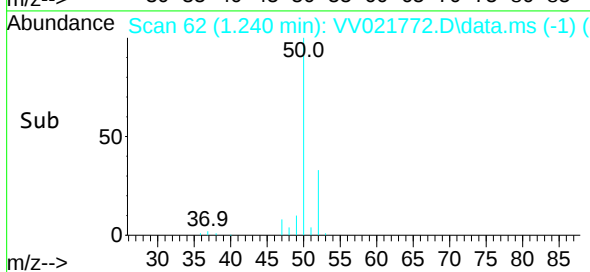
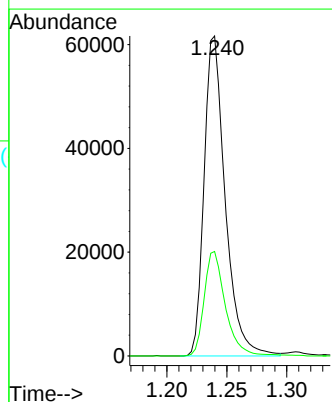
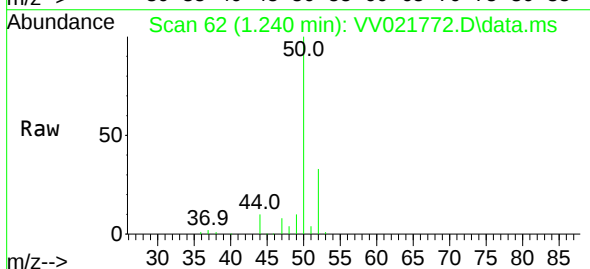
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 MSVOA_V
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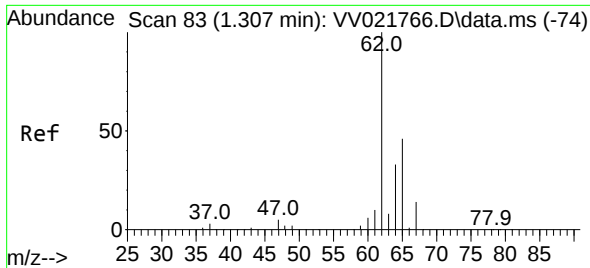
Tgt Ion: 85 Resp: 89713
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.5 38.3



#3
 Chloromethane
 Concen: 5.583 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV021772.D
 Acq: 11 Aug 2021 14:54

Tgt Ion: 50 Resp: 75663
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.7 42.3

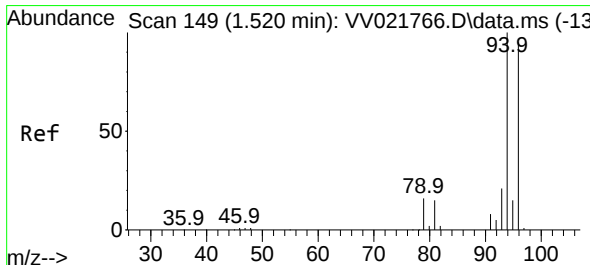
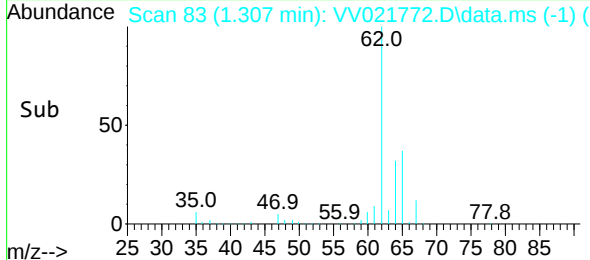
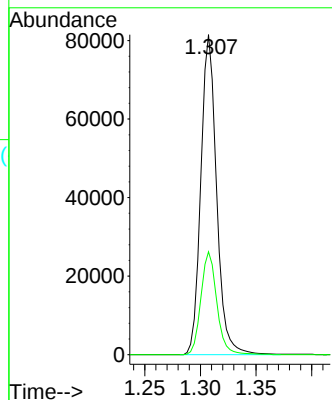
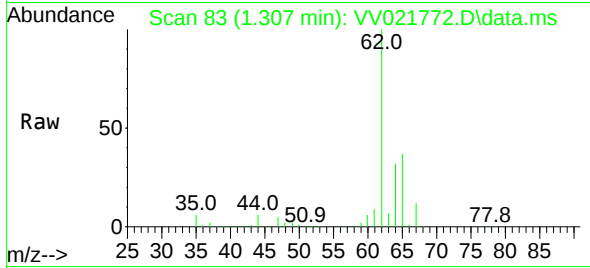




#5
 Vinyl chloride
 Concen: 5.618 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV021772.D
 Acq: 11 Aug 2021 14:54

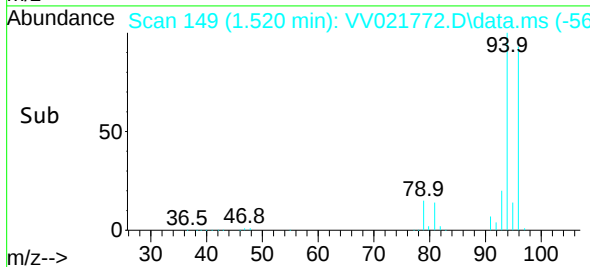
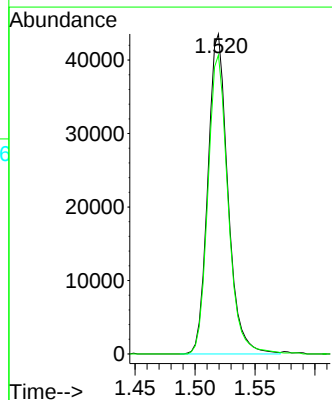
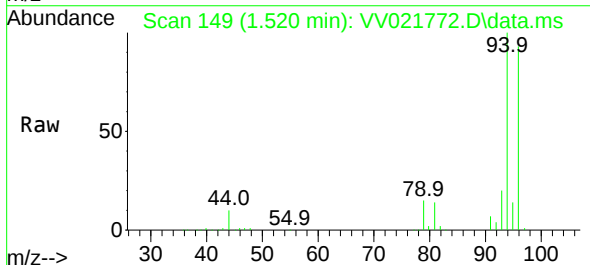
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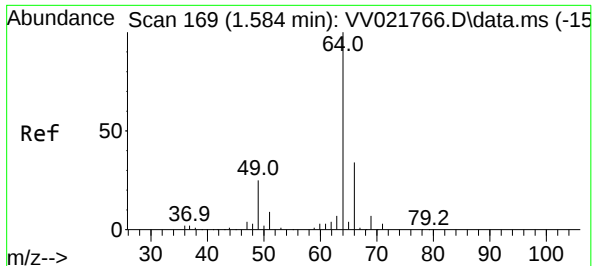
Tgt Ion: 62 Resp: 80167
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.0 42.8



#6
 Bromomethane
 Concen: 5.621 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV021772.D
 Acq: 11 Aug 2021 14:54

Tgt Ion: 94 Resp: 50637
 Ion Ratio Lower Upper
 94 100
 96 93.4 66.2 123.0

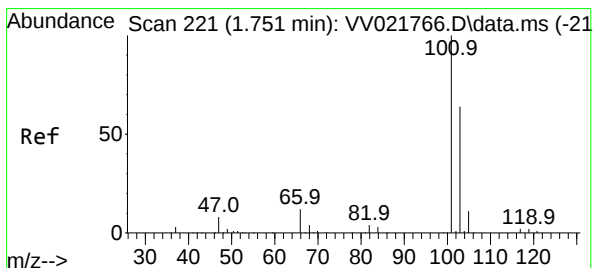
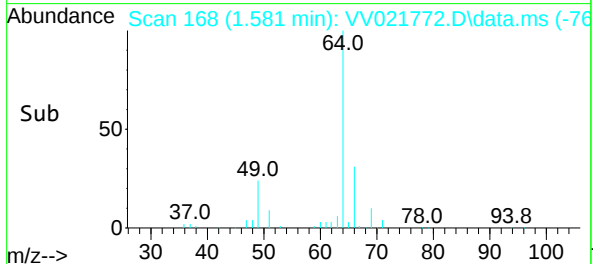
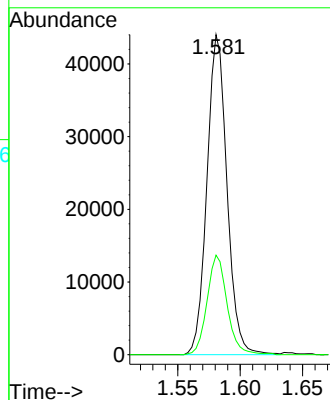
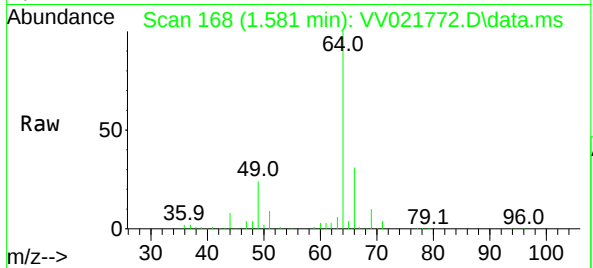




#8
Chloroethane
Concen: 5.506 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.003 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

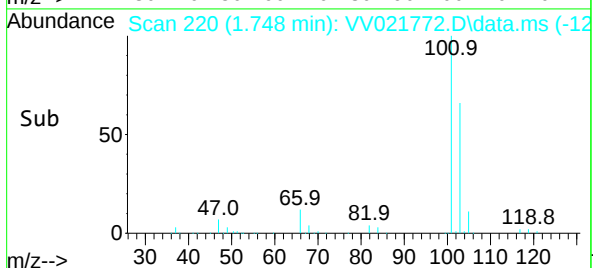
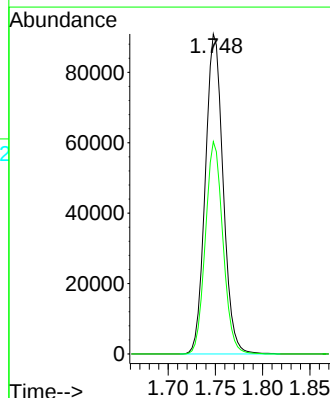
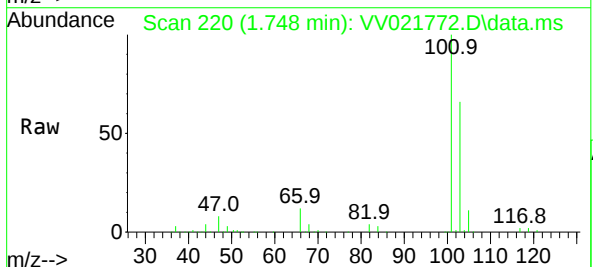
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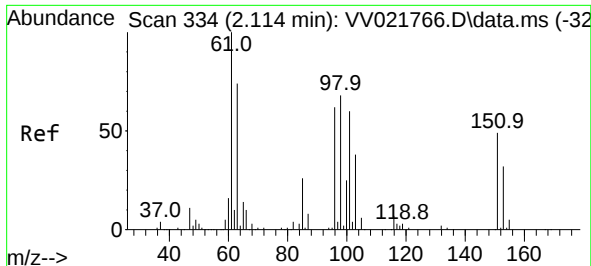
Tgt Ion: 64 Resp: 49344
Ion Ratio Lower Upper
64 100
66 31.1 23.5 43.7



#9
Trichlorofluoromethane
Concen: 5.676 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

Tgt Ion:101 Resp: 119005
Ion Ratio Lower Upper
101 100
103 65.3 51.0 76.6

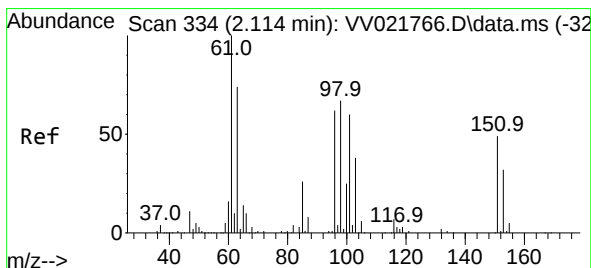
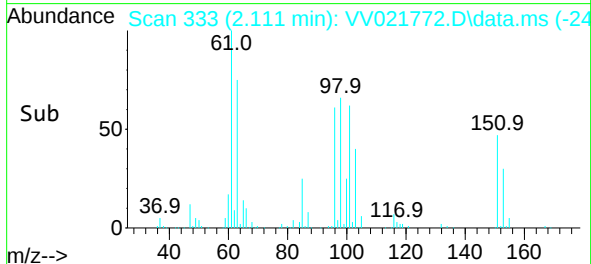
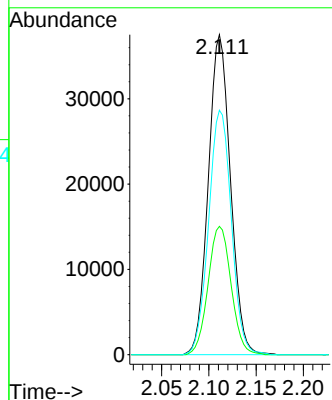
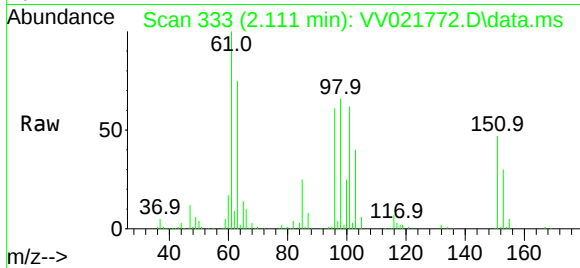




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.418 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV021772.D
 Acq: 11 Aug 2021 14:54

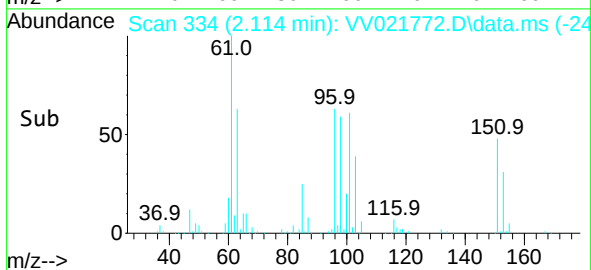
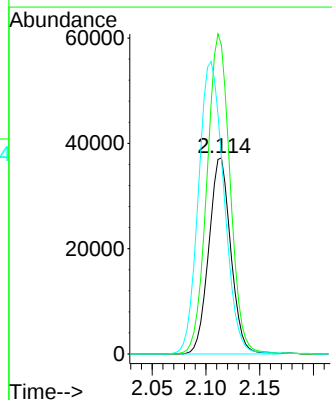
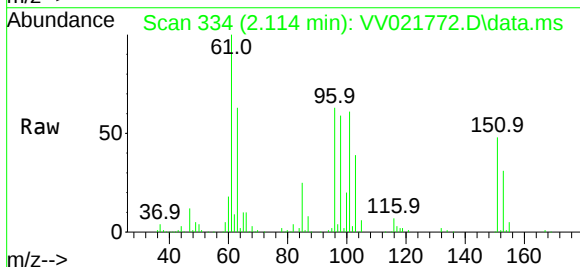
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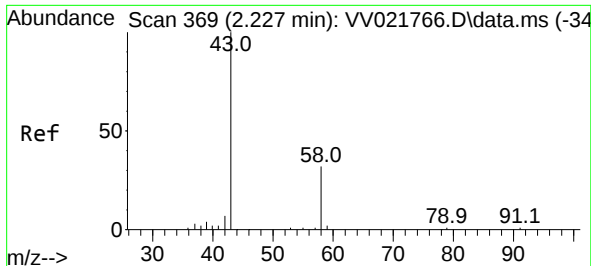
Tgt Ion:101 Resp: 61152
 Ion Ratio Lower Upper
 101 100
 85 41.6 34.3 51.5
 151 78.6 64.5 96.7



#12
 1,1-Dichloroethene
 Concen: 5.216 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV021772.D
 Acq: 11 Aug 2021 14:54

Tgt Ion: 96 Resp: 52834
 Ion Ratio Lower Upper
 96 100
 61 157.5 113.3 210.3
 63 100.0 84.1 156.1

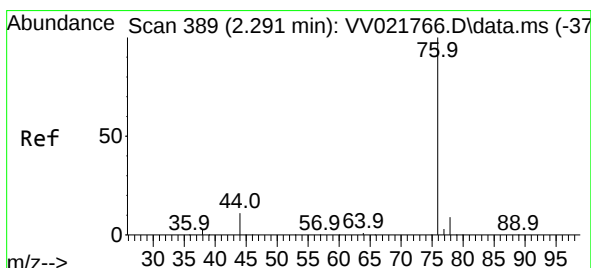
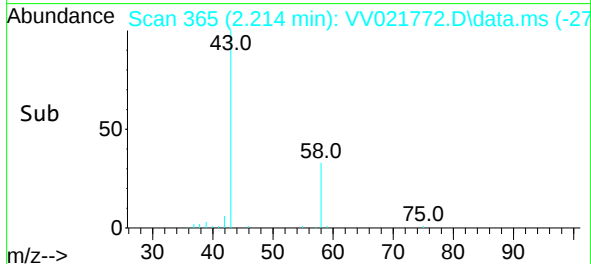
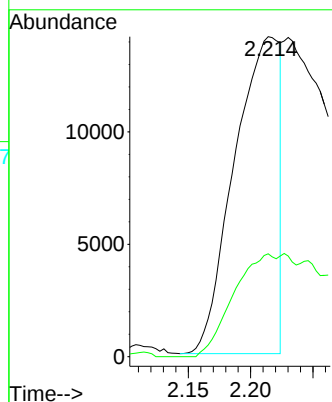
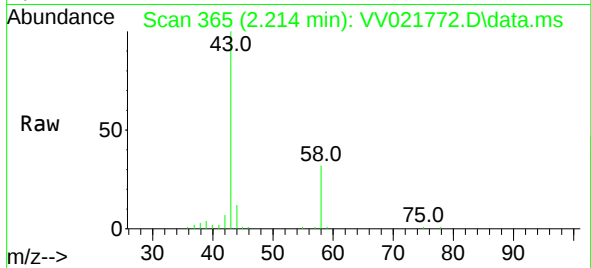




#13
Acetone
Concen: 16.772 ug/L
RT: 2.214 min Scan# 365
Delta R.T. -0.013 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

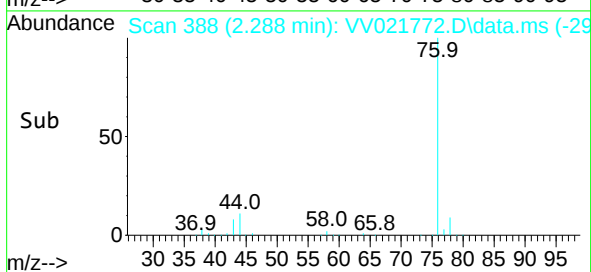
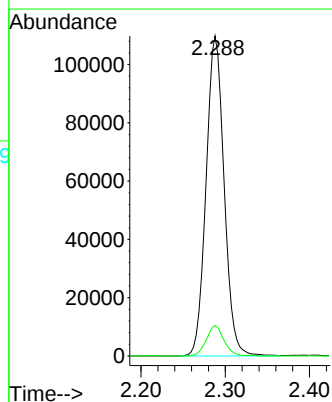
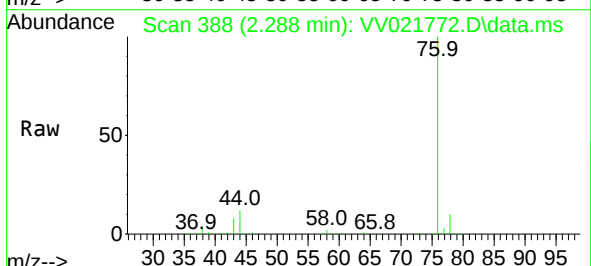
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ClientSampled :

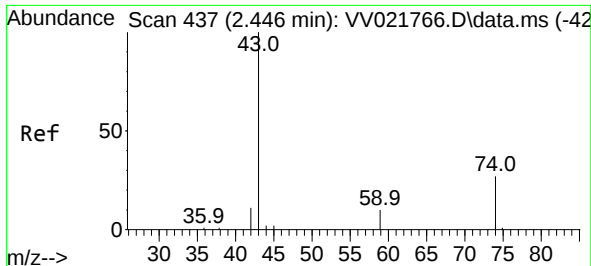
Tgt Ion: 43 Resp: 35540
Ion Ratio Lower Upper
43 100
58 30.2 0.0 64.2



#14
Carbon disulfide
Concen: 5.527 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.003 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

Tgt Ion: 76 Resp: 163758
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2

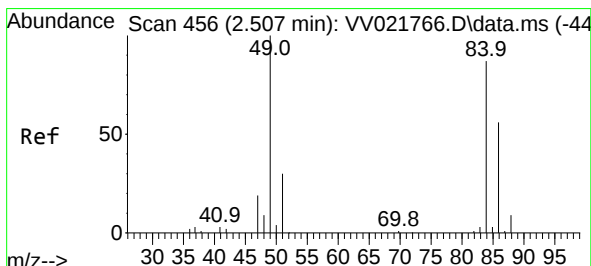
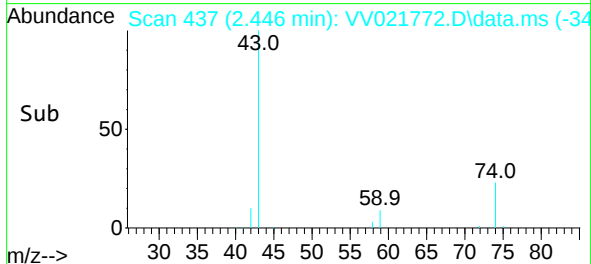
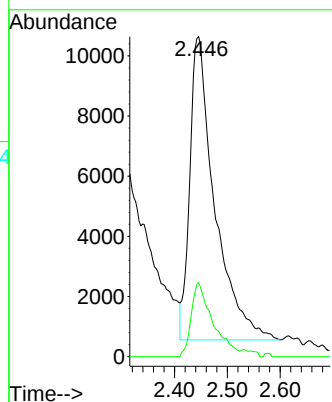
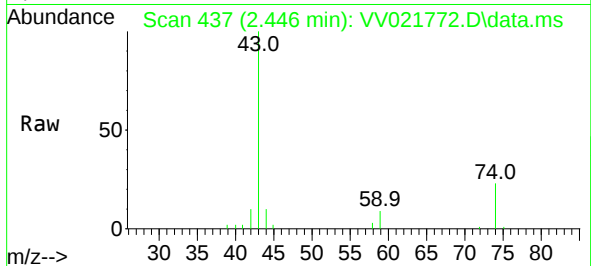




#15
Methyl Acetate
Concen: 5.428 ug/L
RT: 2.446 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

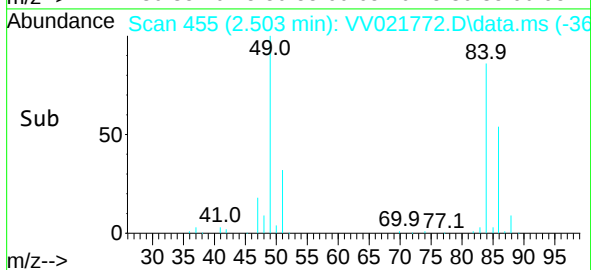
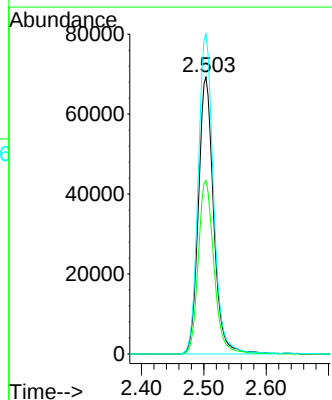
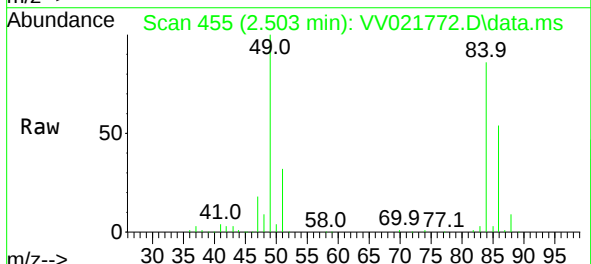
Instrument :
MSVOA_V
ClientSampled :

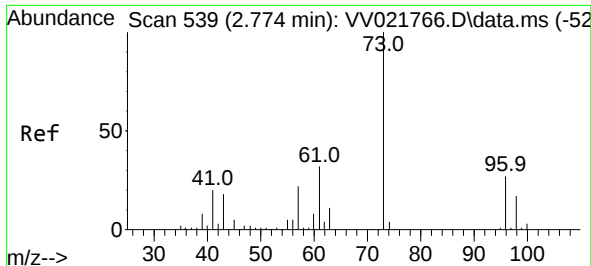
Tgt Ion: 43 Resp: 33056
Ion Ratio Lower Upper
43 100
74 21.1 19.4 29.2



#16
Methylene chloride
Concen: 6.415 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

Tgt Ion: 84 Resp: 117379
Ion Ratio Lower Upper
84 100
86 62.7 44.7 83.1
49 115.6 80.2 149.0

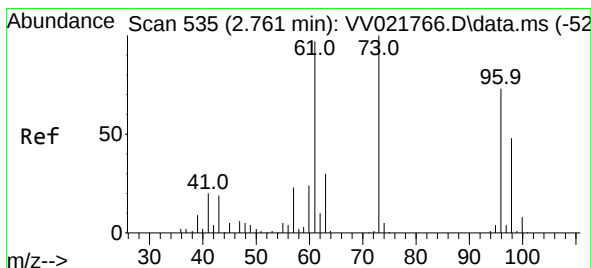
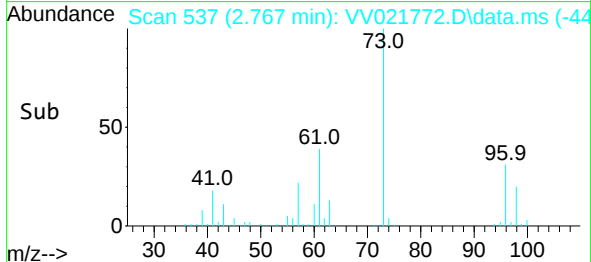
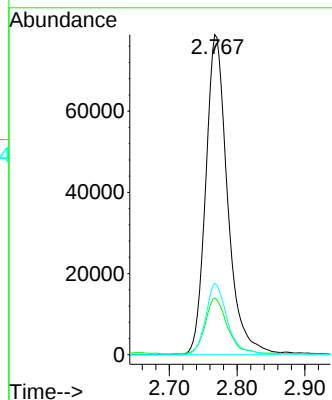
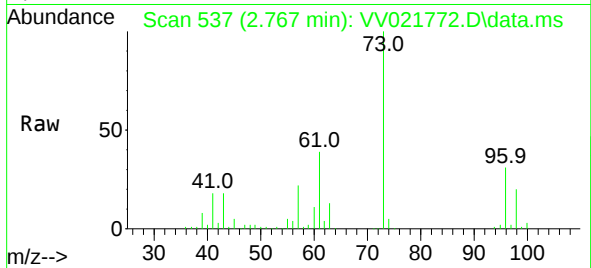




#17
Methyl tert-butyl Ether
Concen: 5.539 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.006 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

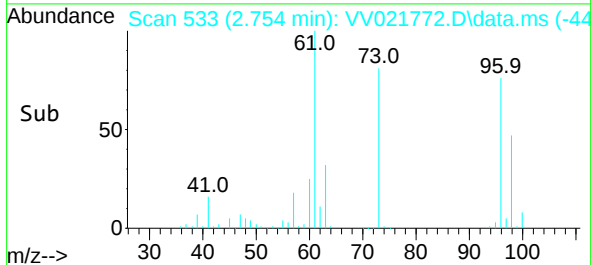
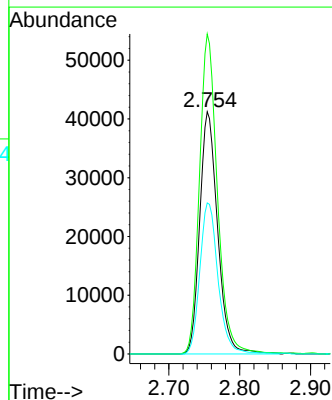
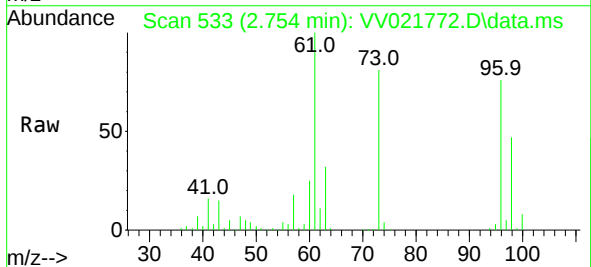
Instrument :
MSVOA_V
ClientSampleId :

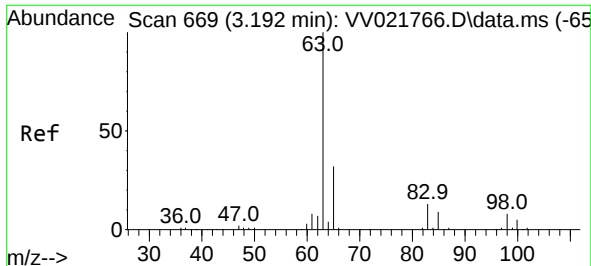
Tgt Ion: 73 Resp: 176383
Ion Ratio Lower Upper
73 100
43 17.5 14.6 22.0
57 22.1 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.537 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.007 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

Tgt Ion: 96 Resp: 72270
Ion Ratio Lower Upper
96 100
61 132.1 92.9 172.5
98 62.3 46.2 85.8





#19

1,1-Dichloroethane

Concen: 5.658 ug/L

RT: 3.185 min Scan# 667

Delta R.T. -0.006 min

Lab File: VV021772.D

Acq: 11 Aug 2021 14:54

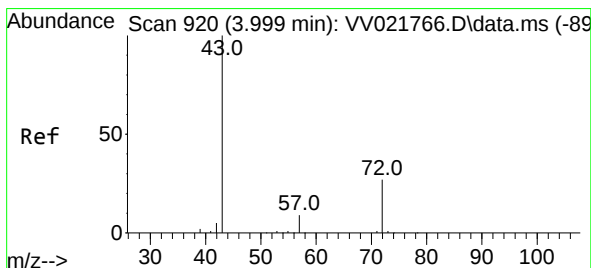
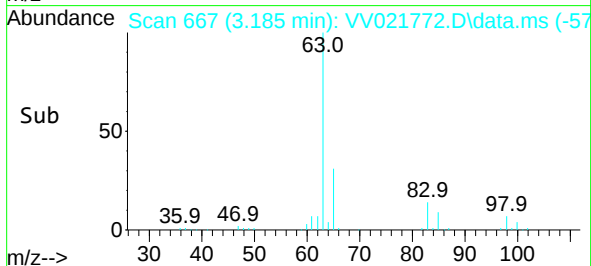
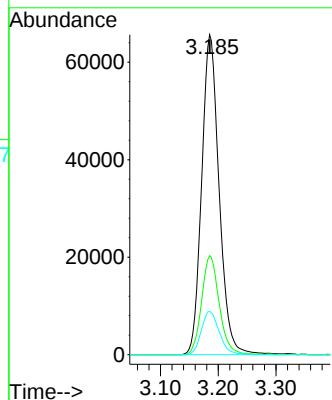
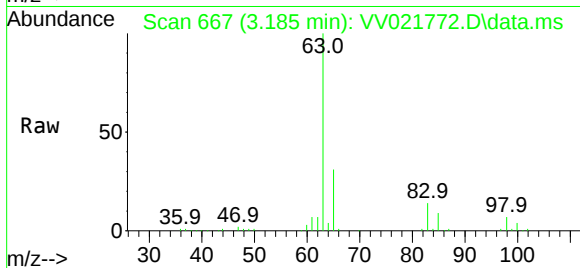
Tgt Ion: 63 Resp: 137851

Ion Ratio Lower Upper

63 100

65 30.9 22.5 41.7

83 13.5 9.2 17.0



#21

2-Butanone

Concen: 52.349 ug/L

RT: 3.995 min Scan# 919

Delta R.T. -0.004 min

Lab File: VV021772.D

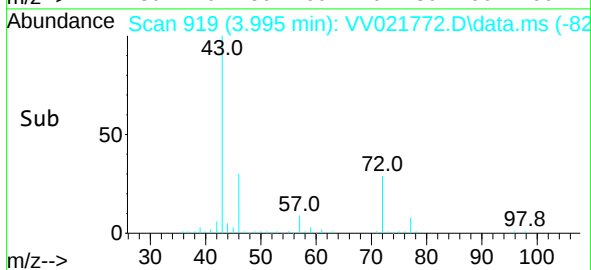
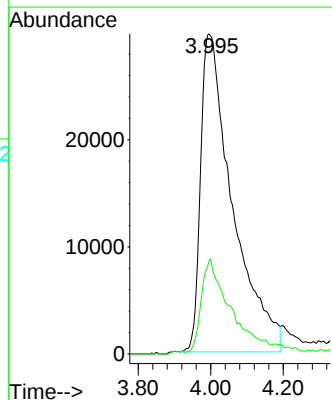
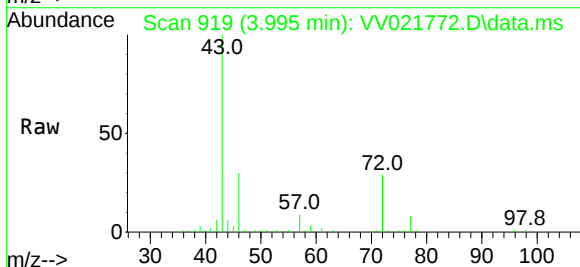
Acq: 11 Aug 2021 14:54

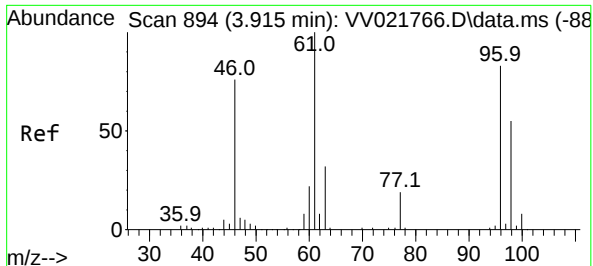
Tgt Ion: 43 Resp: 181009

Ion Ratio Lower Upper

43 100

72 25.5 13.1 39.1

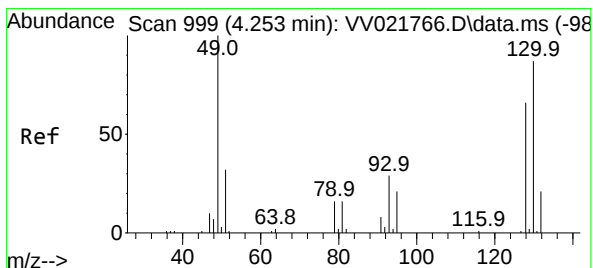
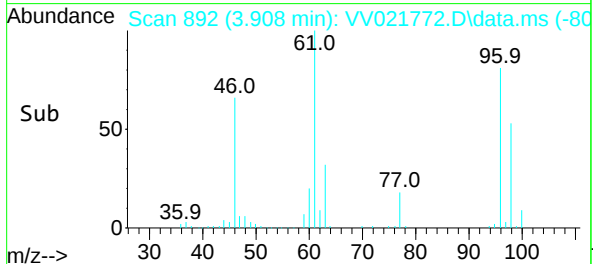
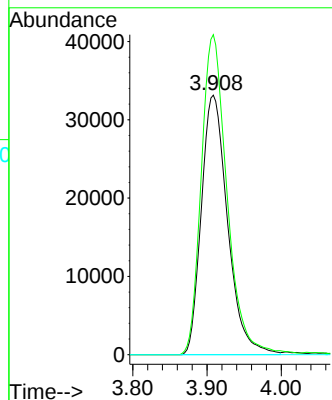
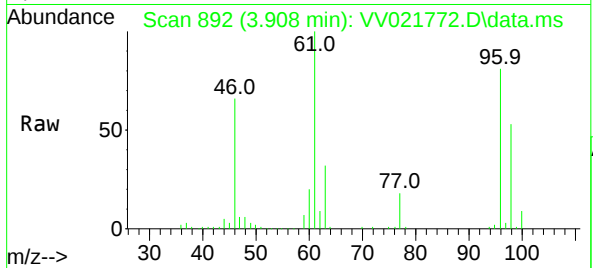




#22
cis-1,2-Dichloroethene
Concen: 5.525 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.006 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

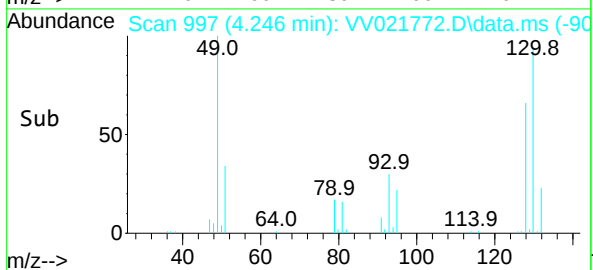
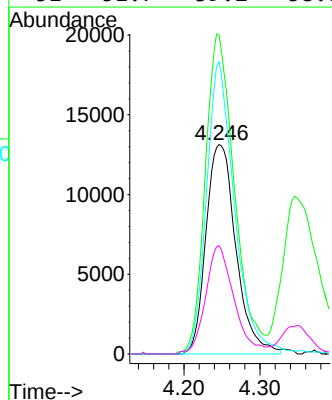
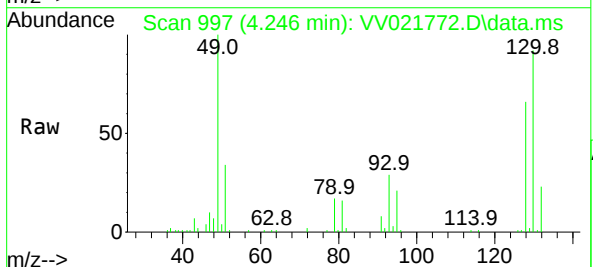
Instrument :
MSVOA_V
ClientSampleId :

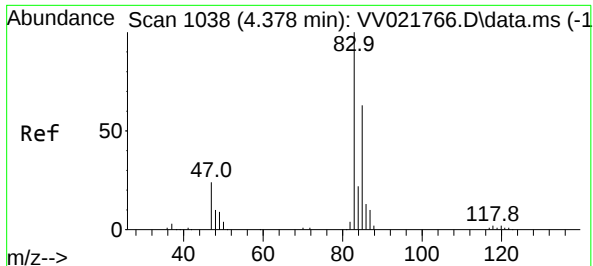
Tgt Ion: 96 Resp: 81385
Ion Ratio Lower Upper
96 100
61 123.3 84.5 156.9
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.421 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.006 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

Tgt Ion: 128 Resp: 35930
Ion Ratio Lower Upper
128 100
49 152.3 106.0 196.9
130 139.5 92.0 170.8
51 51.7 39.2 58.8





#25

Chloroform

Concen: 5.413 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VV021772.D

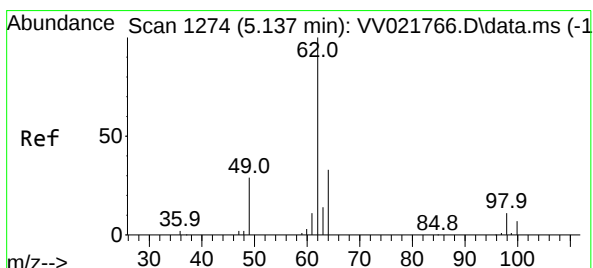
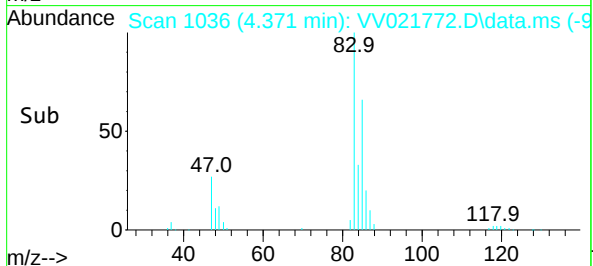
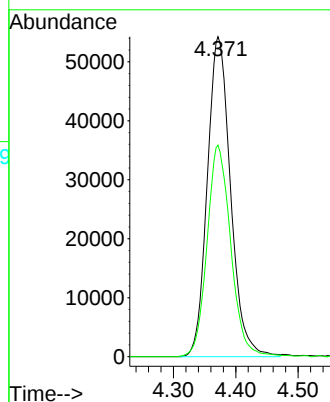
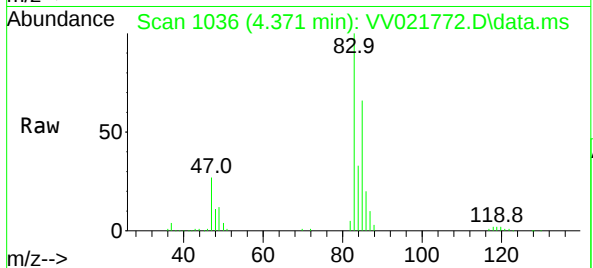
Acq: 11 Aug 2021 14:54

Tgt Ion: 83 Resp: 140712

Ion Ratio Lower Upper

83 100

85 66.1 44.2 82.2



#27

1,2-Dichloroethane

Concen: 5.456 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VV021772.D

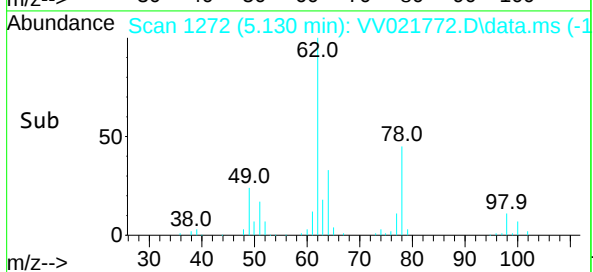
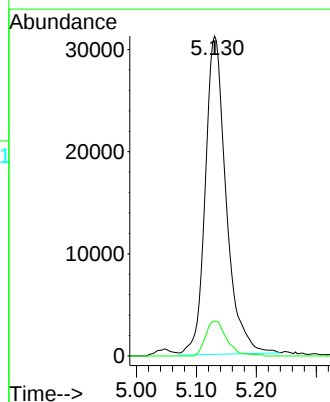
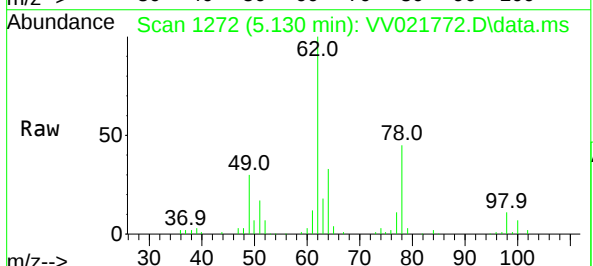
Acq: 11 Aug 2021 14:54

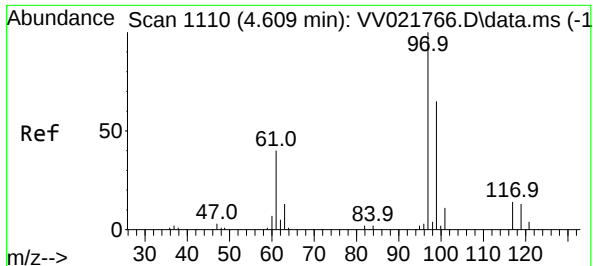
Tgt Ion: 62 Resp: 75647

Ion Ratio Lower Upper

62 100

98 10.9 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 5.705 ug/L

RT: 4.603 min Scan# 1108

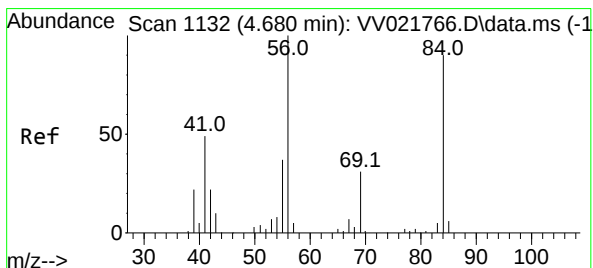
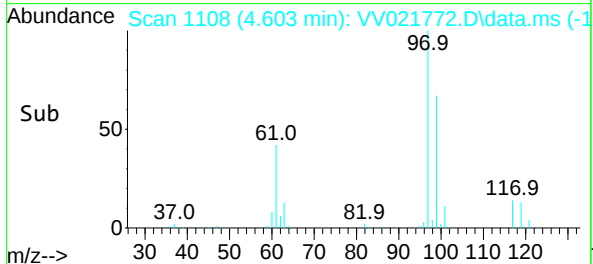
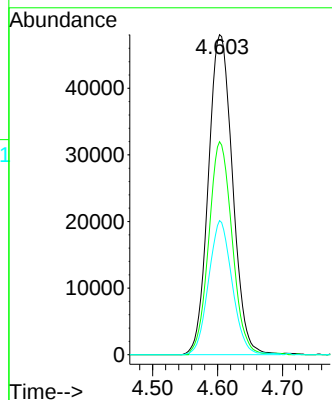
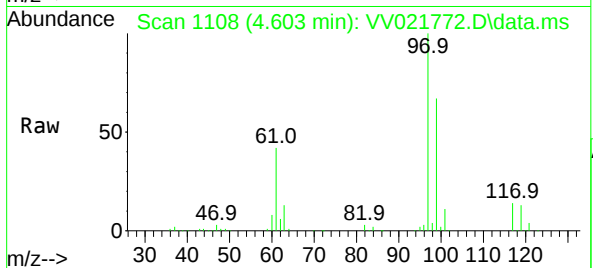
Delta R.T. -0.006 min

Lab File: VV021772.D

Acq: 11 Aug 2021 14:54

Tgt Ion: 97 Resp: 124376

Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.0	78.0
61	40.8	32.6	48.8



#30

Cyclohexane

Concen: 5.748 ug/L

RT: 4.670 min Scan# 1129

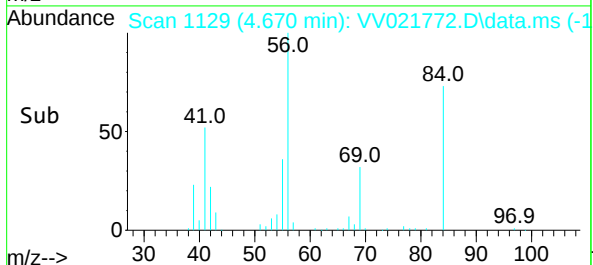
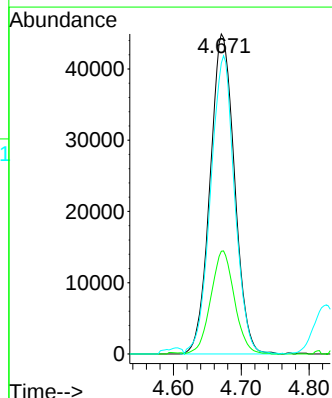
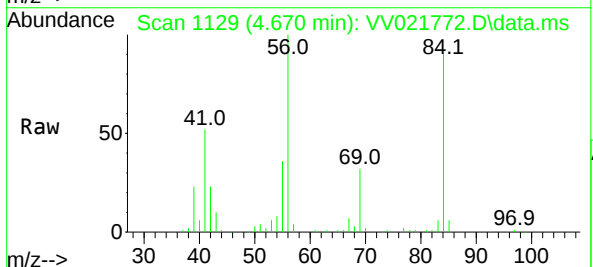
Delta R.T. -0.010 min

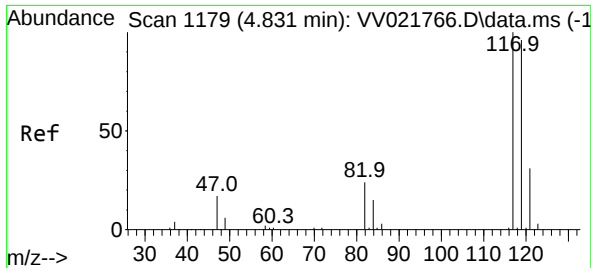
Lab File: VV021772.D

Acq: 11 Aug 2021 14:54

Tgt Ion: 56 Resp: 112521

Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.2	36.2
84	91.6	72.7	109.1

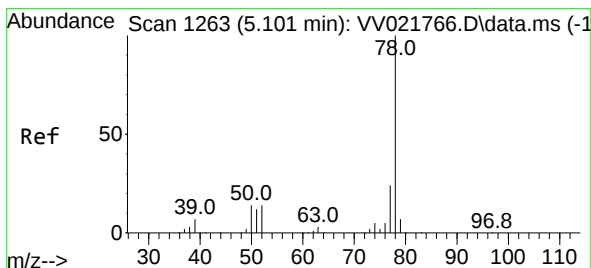
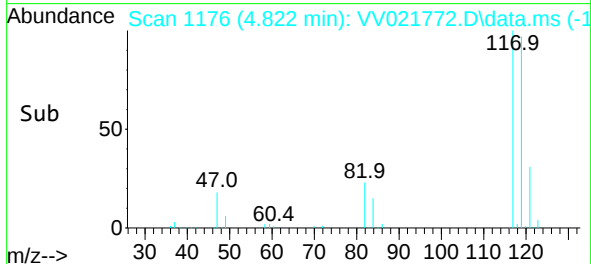
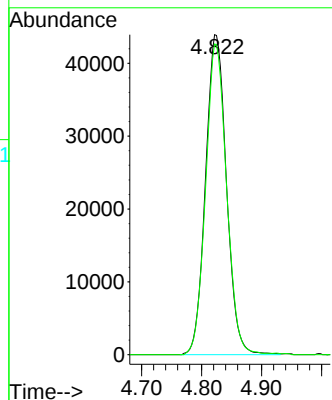
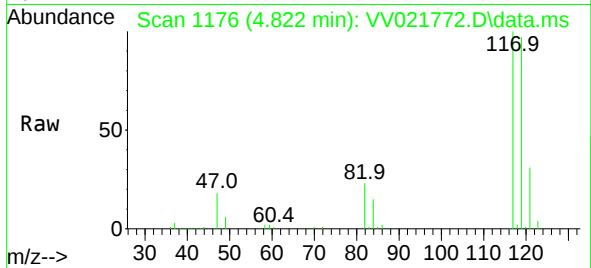




#31
Carbon tetrachloride
Concen: 5.675 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. -0.010 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

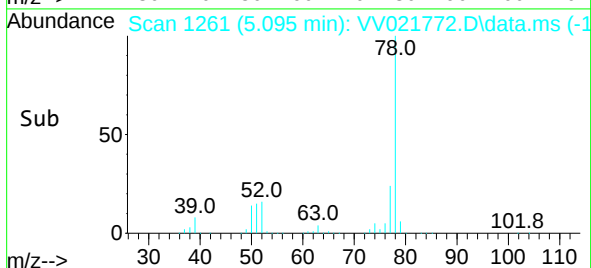
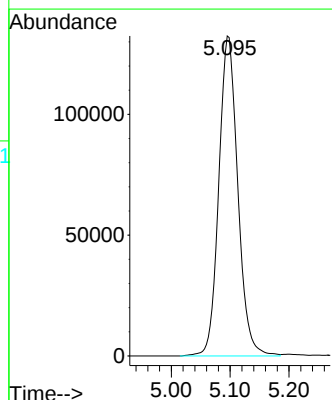
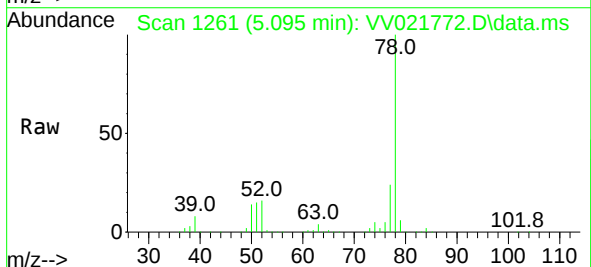
Instrument :
MSVOA_V
ClientSampled :

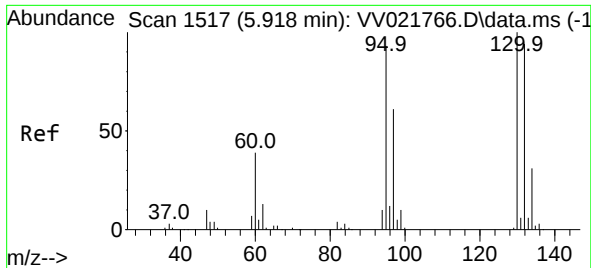
Tgt Ion:117 Resp: 106591
Ion Ratio Lower Upper
117 100
119 97.0 77.3 115.9



#33
Benzene
Concen: 5.686 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

Tgt Ion: 78 Resp: 297120



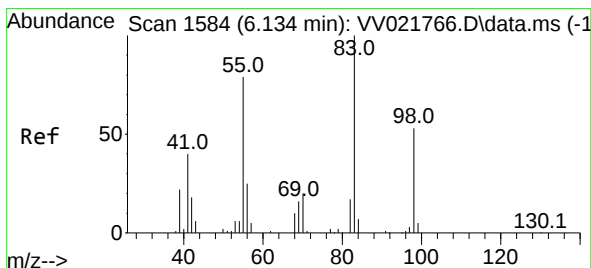
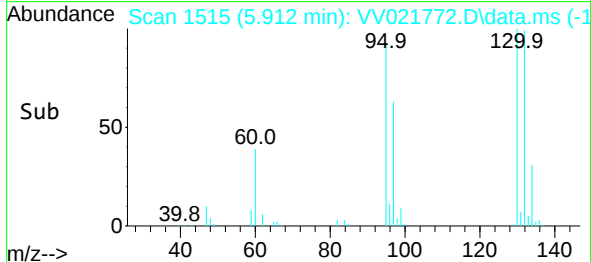
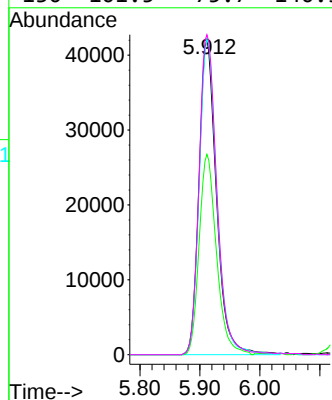
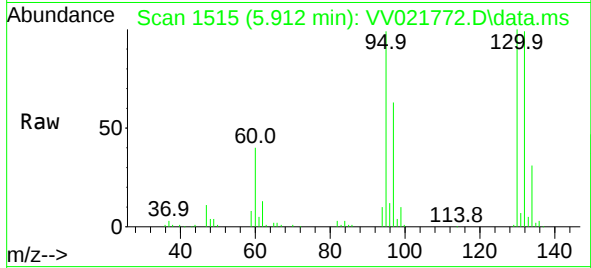


#34
Trichloroethene
Concen: 5.812 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 85441

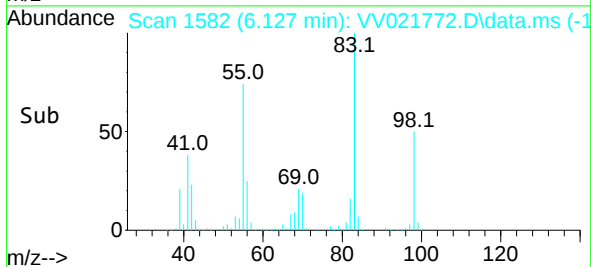
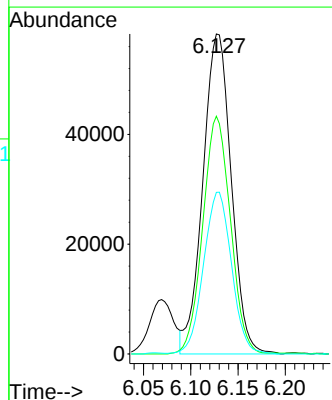
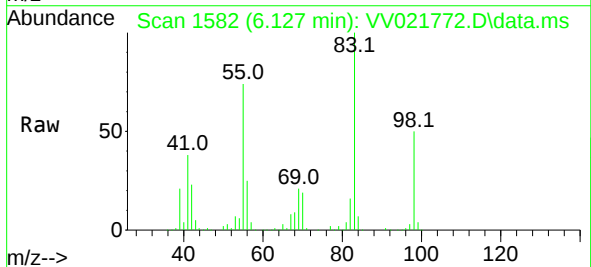
Ion	Ratio	Lower	Upper
95	100		
97	63.5	46.1	85.5
132	100.0	71.4	132.6
130	101.5	75.7	140.5

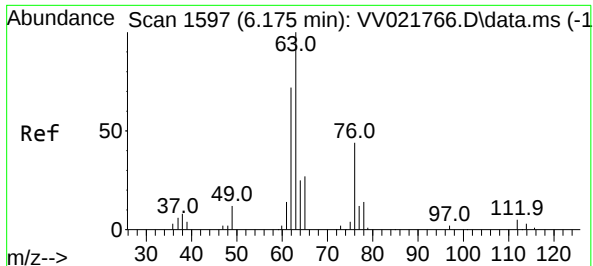


#35
Methylcyclohexane
Concen: 5.758 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.006 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

Tgt Ion: 83 Resp: 122034

Ion	Ratio	Lower	Upper
83	100		
55	72.4	57.8	86.6
98	49.7	38.5	57.7



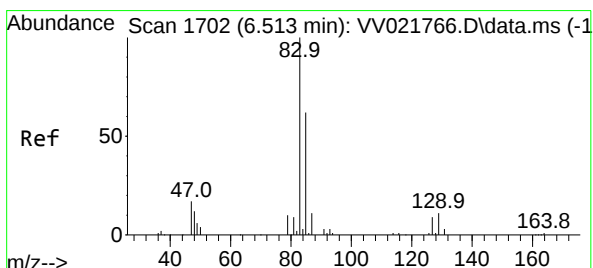
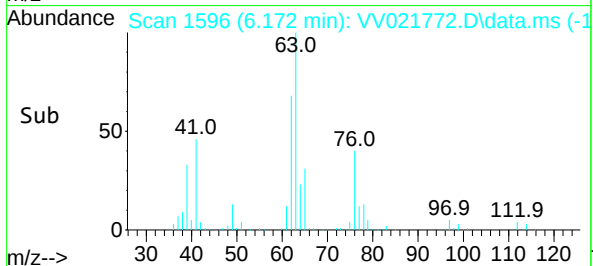
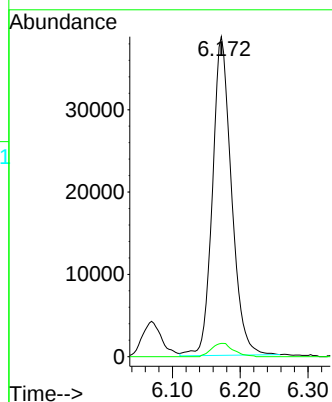
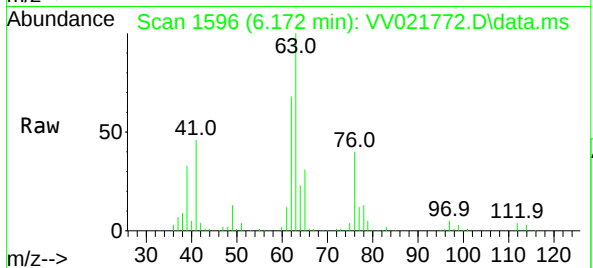


#37

1,2-Dichloropropane
Concen: 5.691 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.003 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

Instrument :
MSVOA_V
ClientSampled :

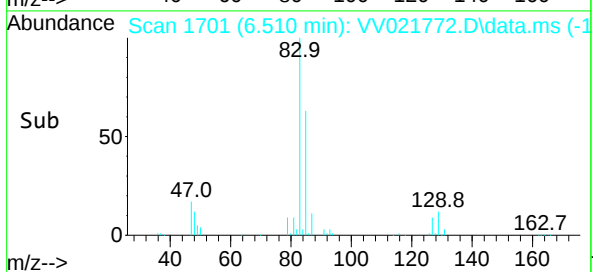
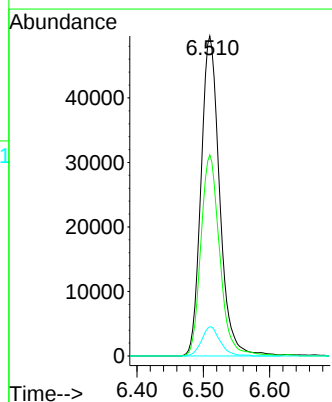
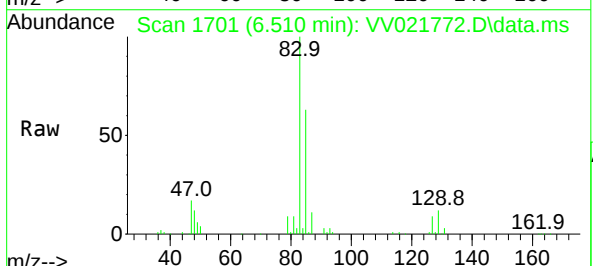
Tgt Ion: 63 Resp: 75557
Ion Ratio Lower Upper
63 100
112 4.8 4.0 6.0

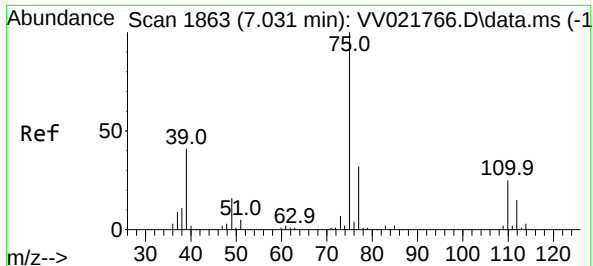


#38

Bromodichloromethane
Concen: 5.634 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

Tgt Ion: 83 Resp: 96516
Ion Ratio Lower Upper
83 100
85 62.8 43.5 80.7
127 9.1 6.9 10.3

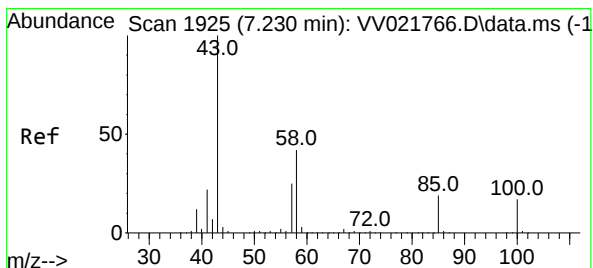
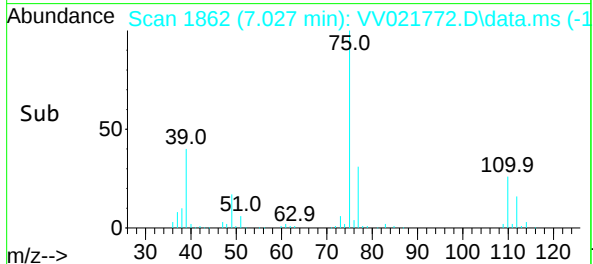
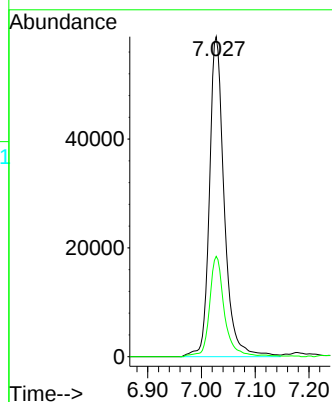
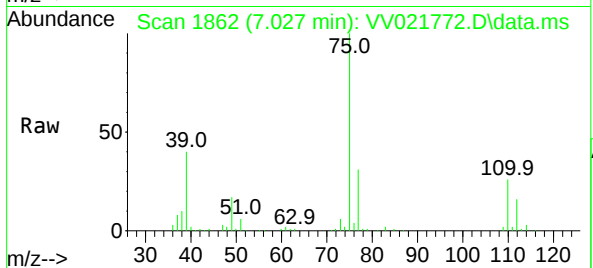




#39
 cis-1,3-Dichloropropene
 Concen: 5.878 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.003 min
 Lab File: VV021772.D
 Acq: 11 Aug 2021 14:54

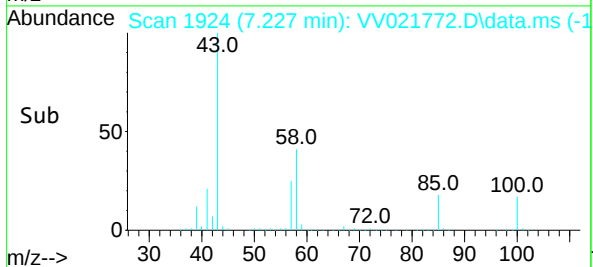
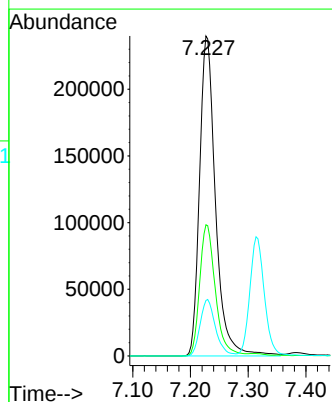
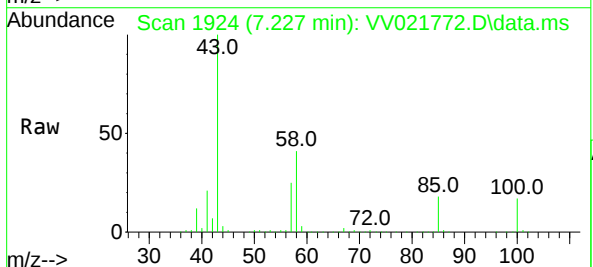
Instrument :
 MSVOA_V
 ClientSampled :

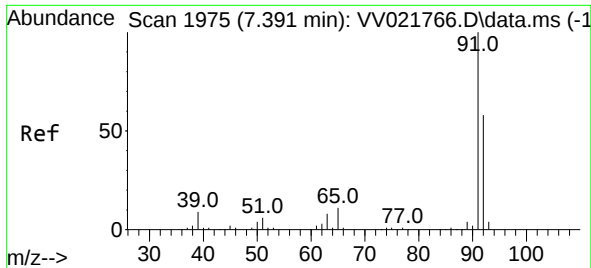
Tgt Ion: 75 Resp: 112750
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 56.378 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. -0.003 min
 Lab File: VV021772.D
 Acq: 11 Aug 2021 14:54

Tgt Ion: 43 Resp: 459935
 Ion Ratio Lower Upper
 43 100
 58 40.3 32.9 49.3
 100 17.0 13.5 20.3

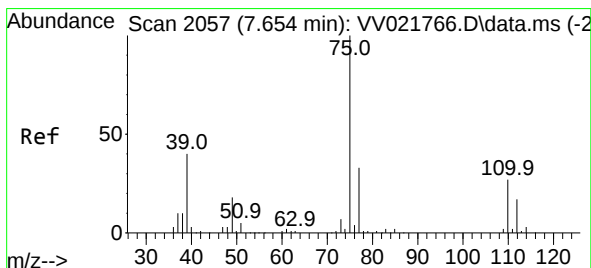
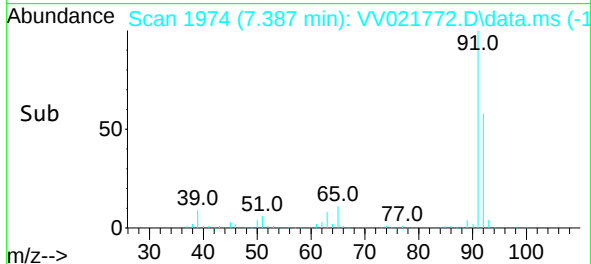
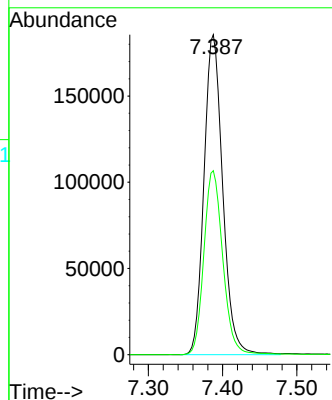
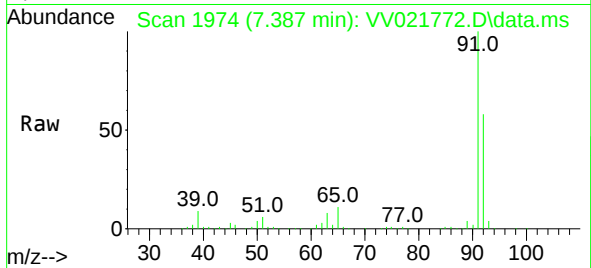




#42
Toluene
Concen: 5.733 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.004 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

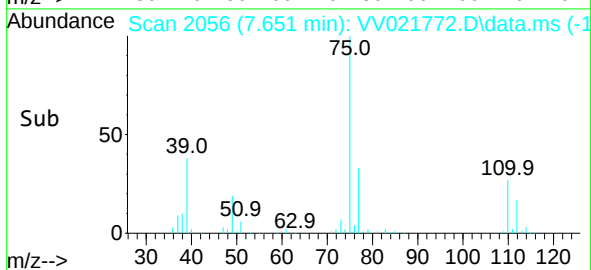
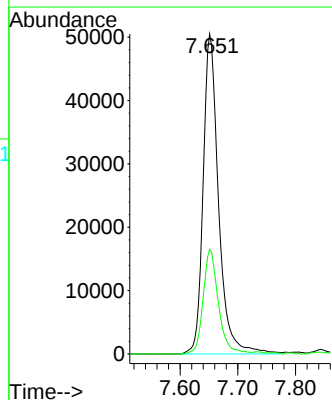
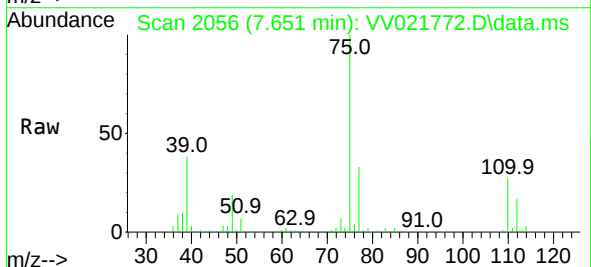
Instrument :
MSVOA_V
ClientSampled :

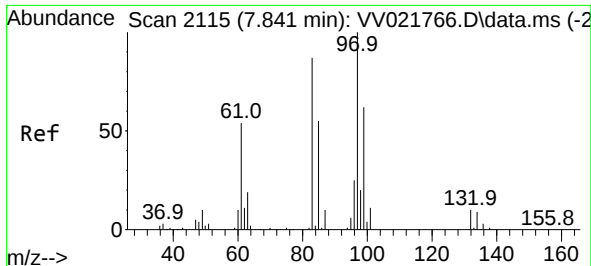
Tgt Ion: 91 Resp: 324395
Ion Ratio Lower Upper
91 100
92 57.5 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 5.759 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

Tgt Ion: 75 Resp: 93681
Ion Ratio Lower Upper
75 100
77 32.7 23.3 43.3





#45

1,1,2-Trichloroethane

Concen: 5.658 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. -0.000 min

Lab File: VV021772.D

Acq: 11 Aug 2021 14:54

Tgt Ion: 97 Resp: 56182

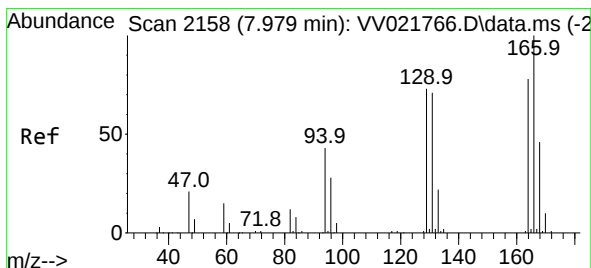
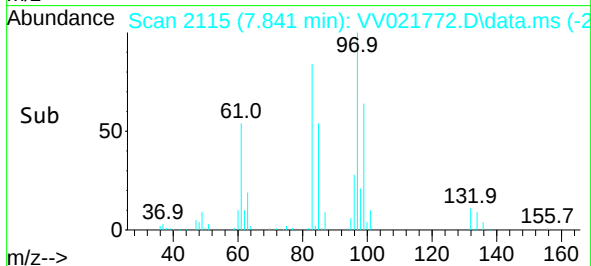
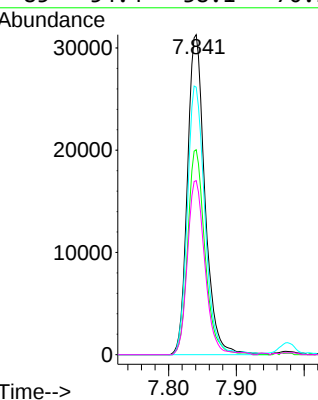
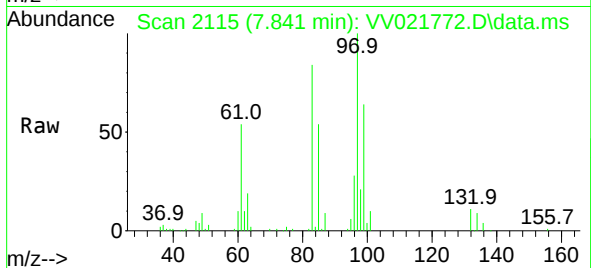
Ion Ratio Lower Upper

97 100

99 64.1 43.8 81.3

83 83.6 60.8 113.0

85 54.4 38.1 70.9



#47

Tetrachloroethene

Concen: 5.711 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.003 min

Lab File: VV021772.D

Acq: 11 Aug 2021 14:54

Tgt Ion: 164 Resp: 65203

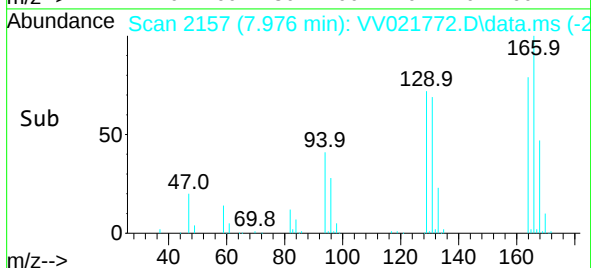
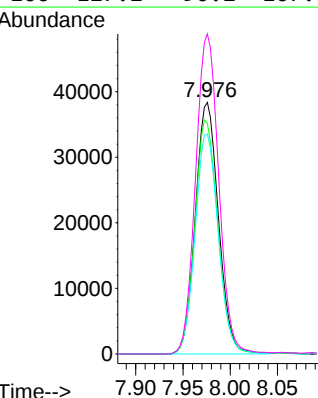
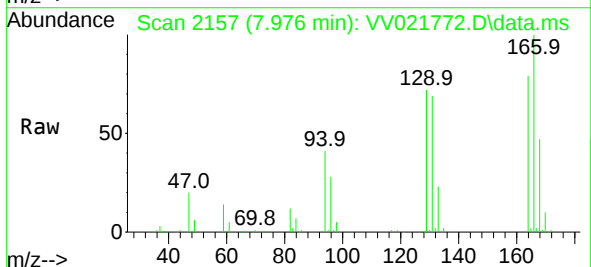
Ion Ratio Lower Upper

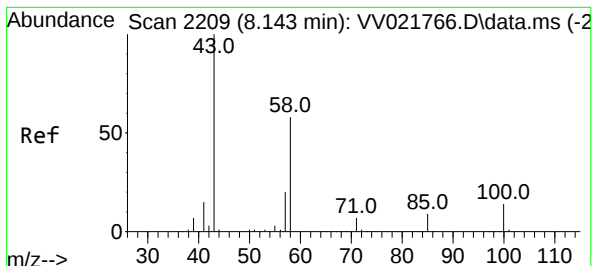
164 100

129 91.6 65.4 121.4

131 87.4 64.3 119.3

166 127.2 90.2 167.4





#48

2-Hexanone

Concen: 58.193 ug/L

RT: 8.140 min Scan# 2208

Delta R.T. -0.003 min

Lab File: VV021772.D

Acq: 11 Aug 2021 14:54

Tgt Ion: 43 Resp: 327218

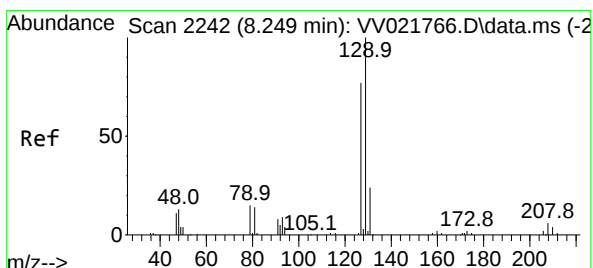
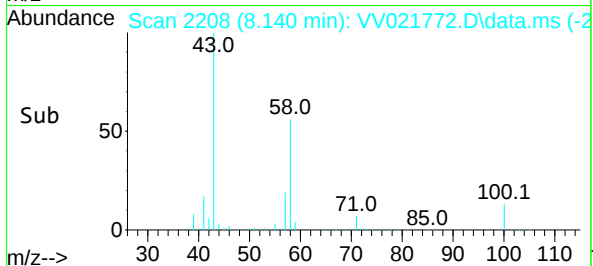
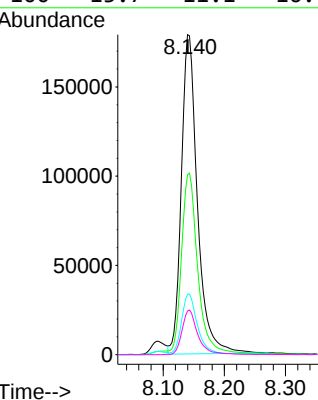
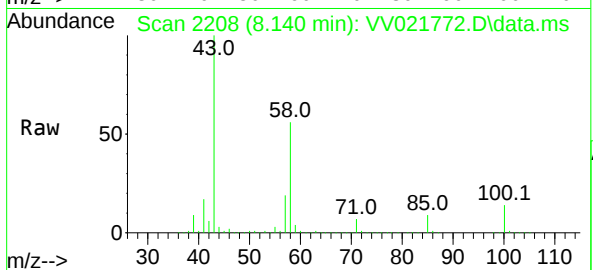
Ion Ratio Lower Upper

43 100

58 59.2 48.3 72.5

57 18.7 15.4 23.2

100 13.7 11.1 16.7



#49

Dibromochloromethane

Concen: 5.703 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. -0.003 min

Lab File: VV021772.D

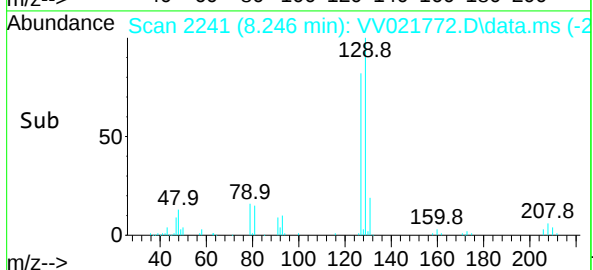
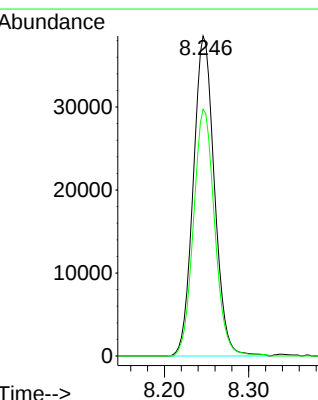
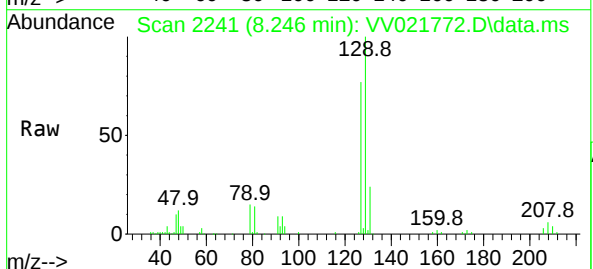
Acq: 11 Aug 2021 14:54

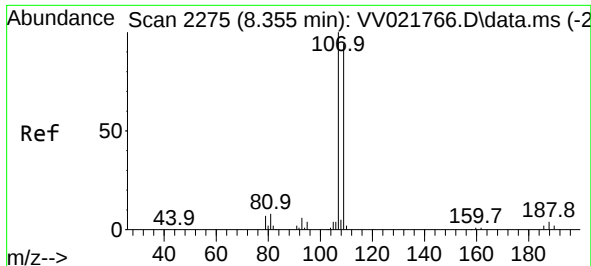
Tgt Ion: 129 Resp: 67262

Ion Ratio Lower Upper

129 100

127 77.1 53.9 100.1





#50

1,2-Dibromoethane

Concen: 5.625 ug/L

RT: 8.352 min Scan# 2274

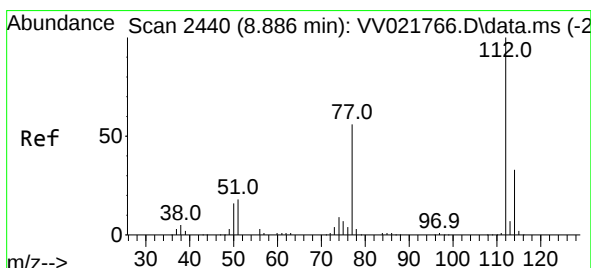
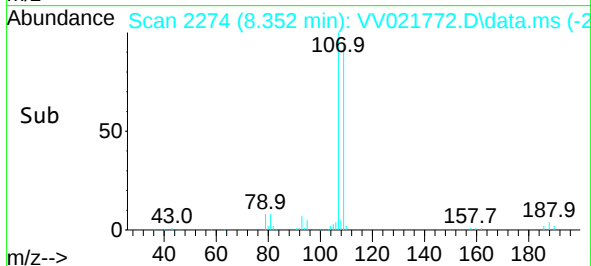
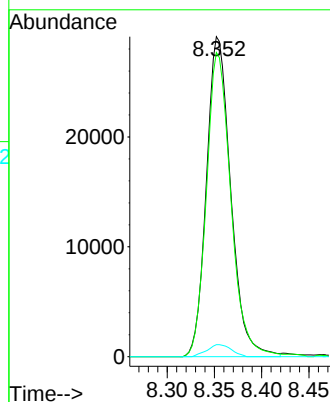
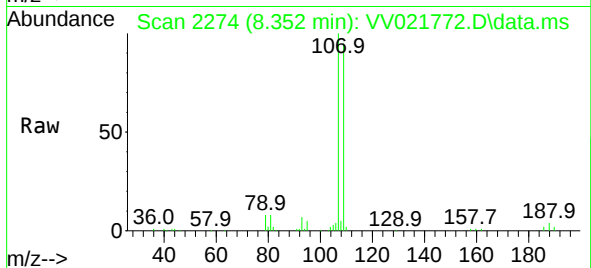
Delta R.T. -0.003 min

Lab File: VV021772.D

Acq: 11 Aug 2021 14:54

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:	107	Resp:	52069
Ion	Ratio	Lower	Upper
107	100		
109	95.0	66.1	122.7
188	3.7	2.9	4.3



#51

Chlorobenzene

Concen: 5.676 ug/L

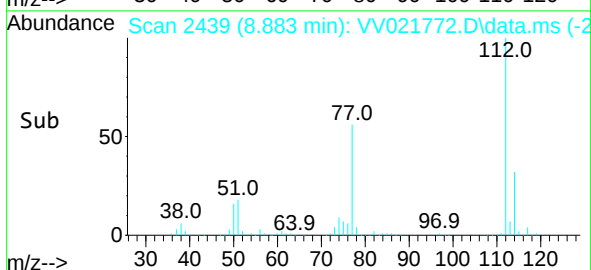
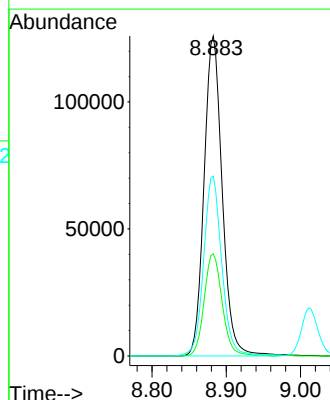
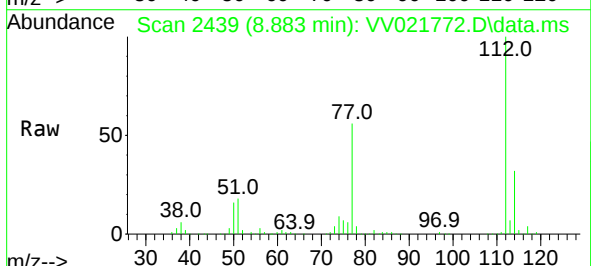
RT: 8.883 min Scan# 2439

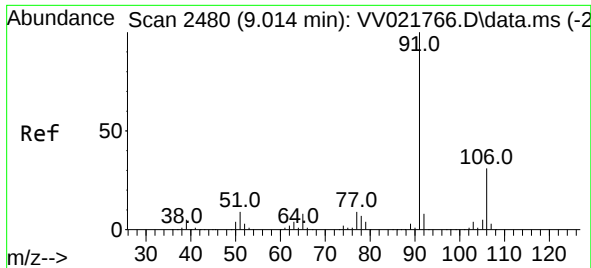
Delta R.T. -0.003 min

Lab File: VV021772.D

Acq: 11 Aug 2021 14:54

Tgt Ion:	112	Resp:	213898
Ion	Ratio	Lower	Upper
112	100		
114	31.9	23.2	43.0
77	56.2	44.6	67.0

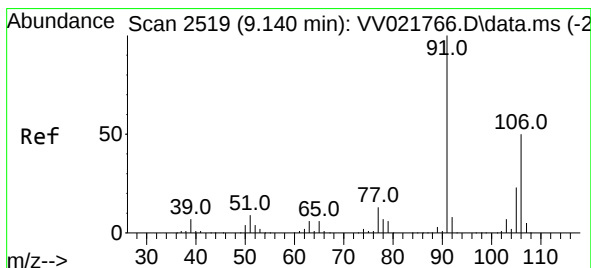
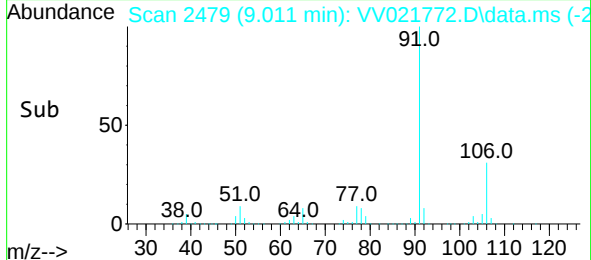
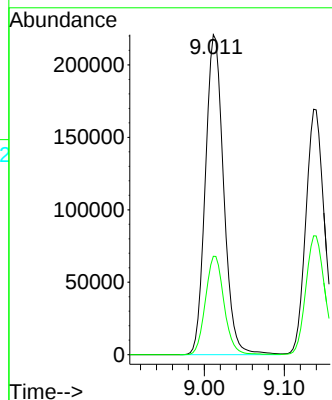
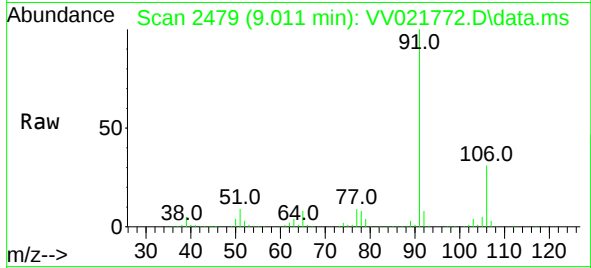




#52
Ethylbenzene
Concen: 5.770 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

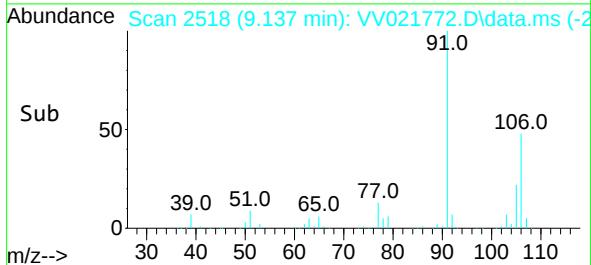
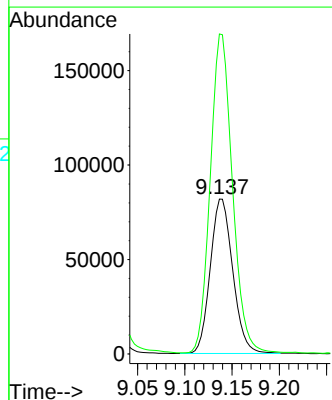
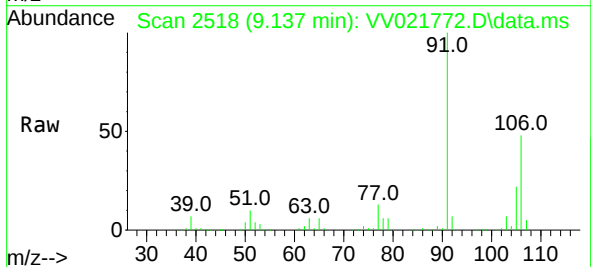
Instrument :
MSVOA_V
ClientSampled :

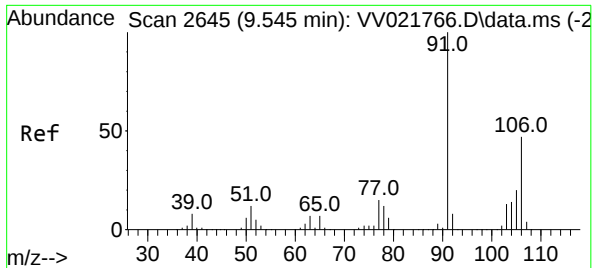
Tgt Ion: 91 Resp: 351507
Ion Ratio Lower Upper
91 100
106 30.7 22.0 41.0



#53
m,p-xylene
Concen: 5.686 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

Tgt Ion: 106 Resp: 135459
Ion Ratio Lower Upper
106 100
91 206.5 140.4 260.8

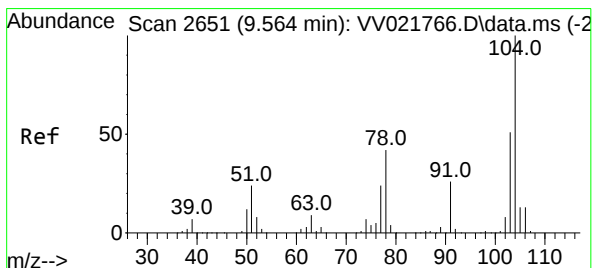
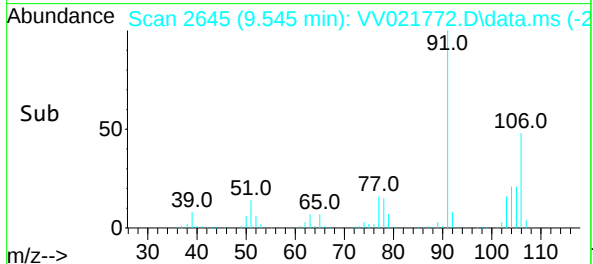
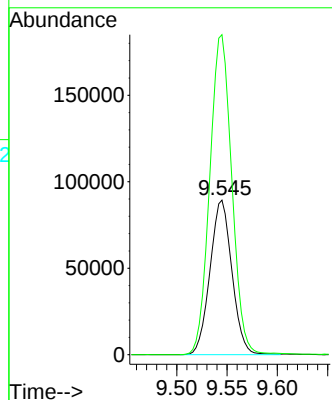
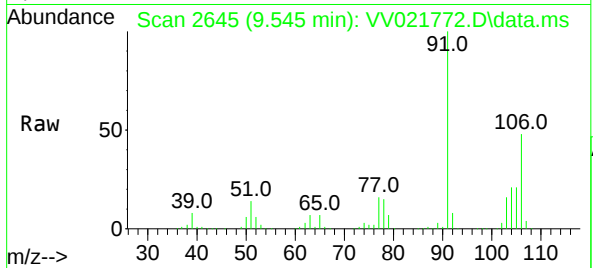




#54
o-xylene
Concen: 5.771 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

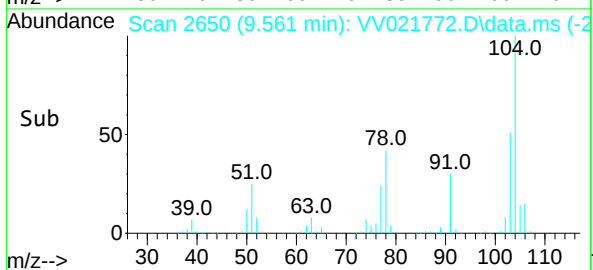
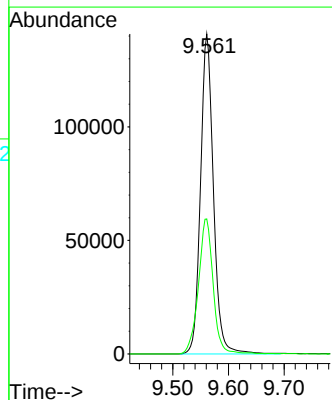
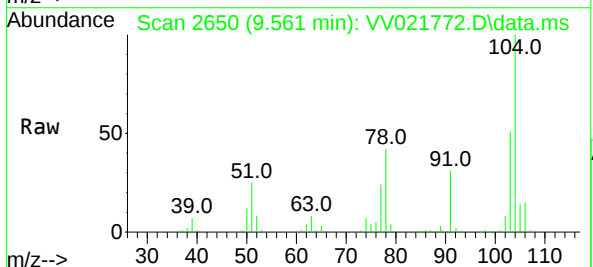
Instrument :
MSVOA_V
ClientSampled :

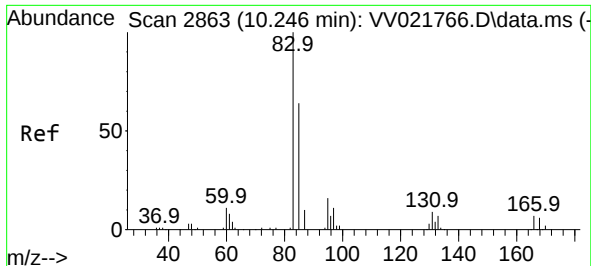
Tgt Ion:106 Resp: 135516
Ion Ratio Lower Upper
106 100
91 207.0 147.7 274.3



#55
Styrene
Concen: 5.852 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.003 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

Tgt Ion:104 Resp: 227845
Ion Ratio Lower Upper
104 100
78 42.2 29.8 55.3

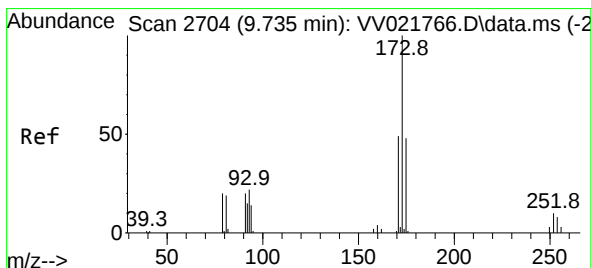
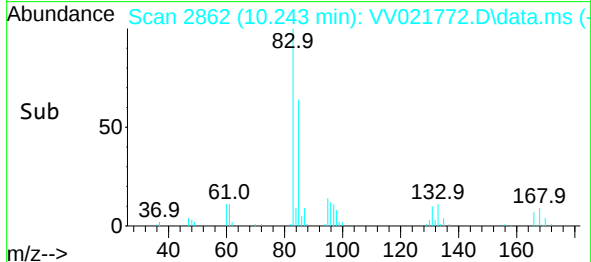
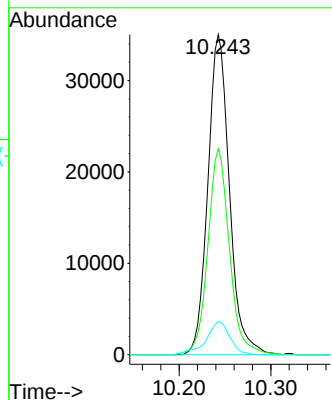
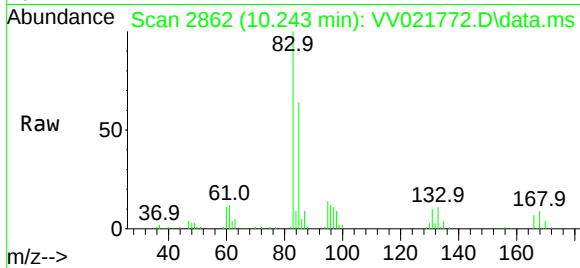




#57
1,1,2,2-Tetrachloroethane
Concen: 5.596 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.003 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

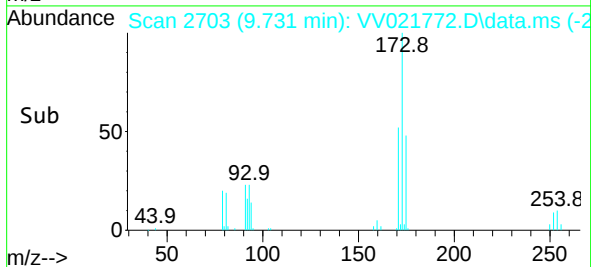
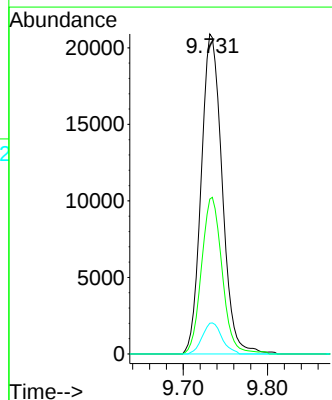
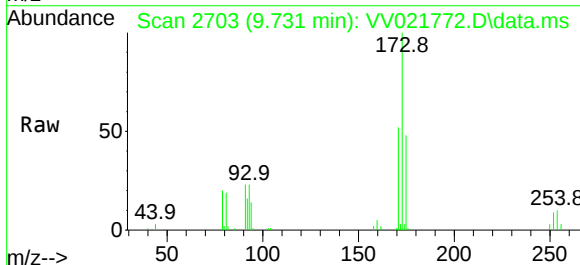
Instrument :
MSVOA_V
ClientSampled :

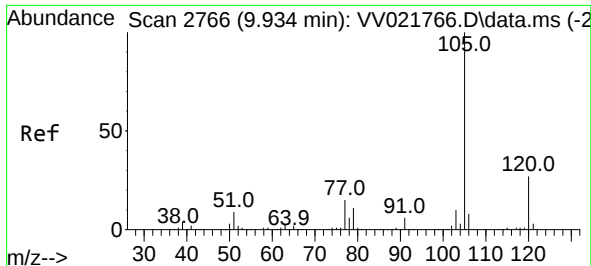
Tgt Ion: 83 Resp: 57136
Ion Ratio Lower Upper
83 100
85 64.3 44.9 83.5
131 10.3 7.7 11.5



#59
Bromoform
Concen: 5.572 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.003 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

Tgt Ion: 173 Resp: 36162
Ion Ratio Lower Upper
173 100
175 48.2 38.3 57.5
254 9.1 6.6 9.8

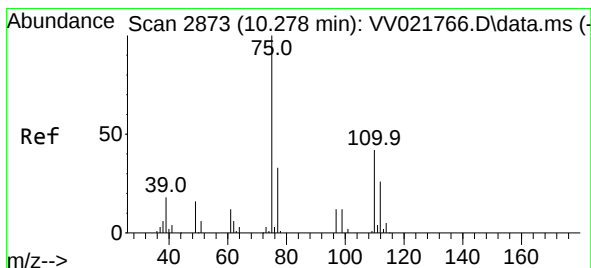
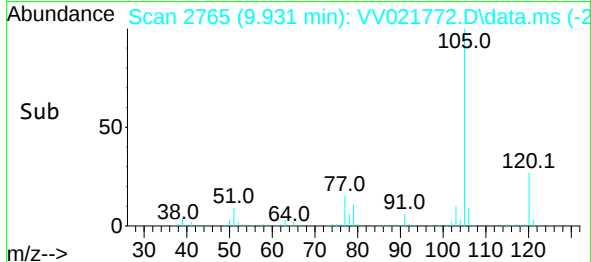
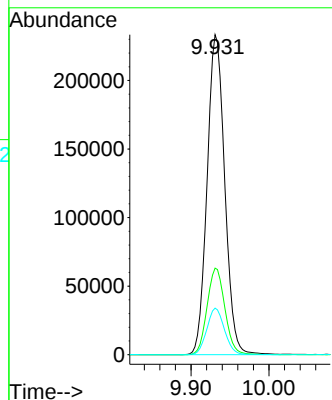
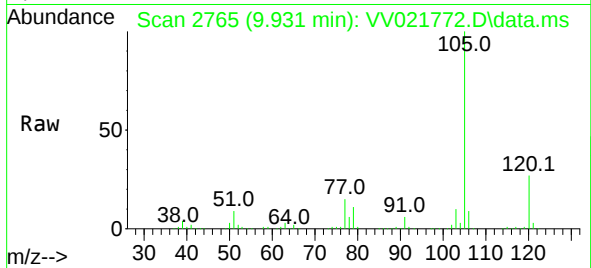




#60
Isopropylbenzene
Concen: 5.724 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

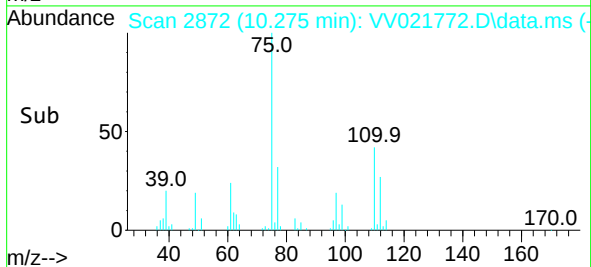
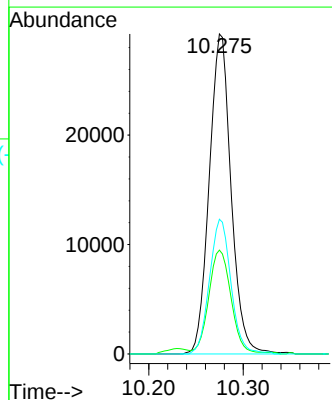
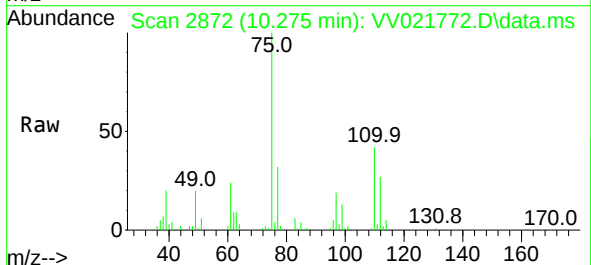
Instrument :
MSVOA_V
ClientSampleId :

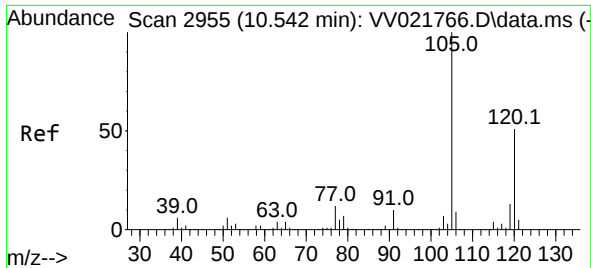
Tgt Ion:105 Resp: 366819
Ion Ratio Lower Upper
105 100
120 27.3 21.3 31.9
77 14.6 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 5.598 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.003 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

Tgt Ion: 75 Resp: 46873
Ion Ratio Lower Upper
75 100
77 31.8 26.5 39.7
110 41.6 33.4 50.2

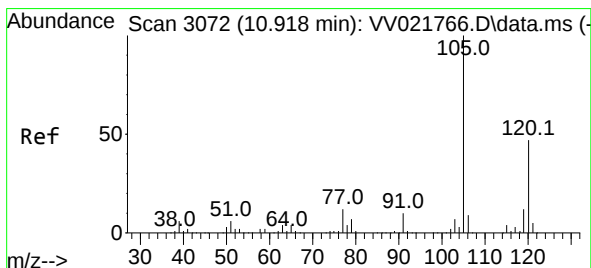
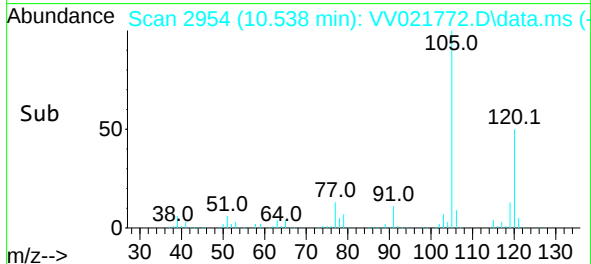
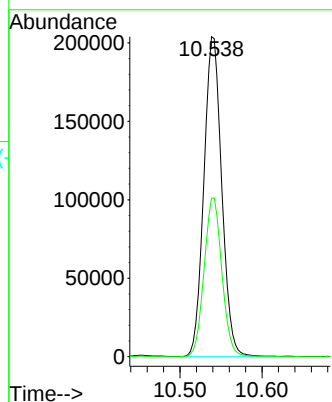
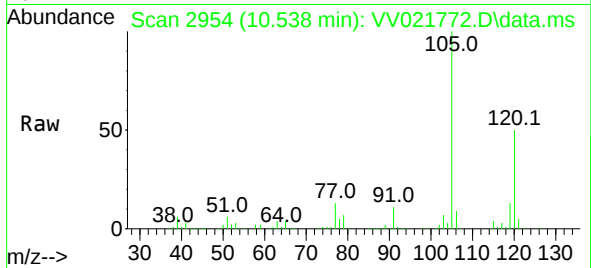




#62
1,3,5-Trimethylbenzene
Concen: 5.789 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

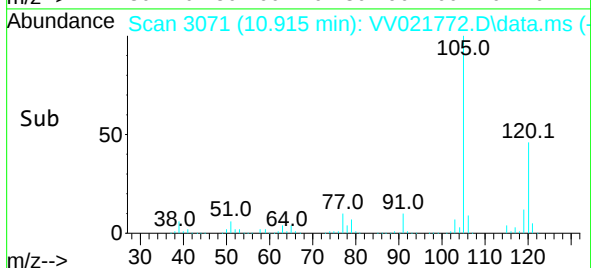
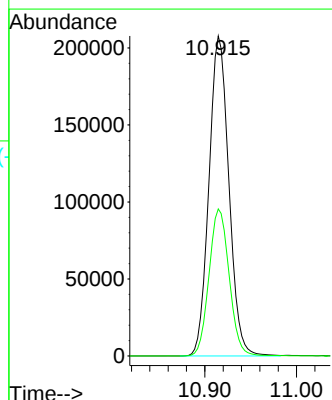
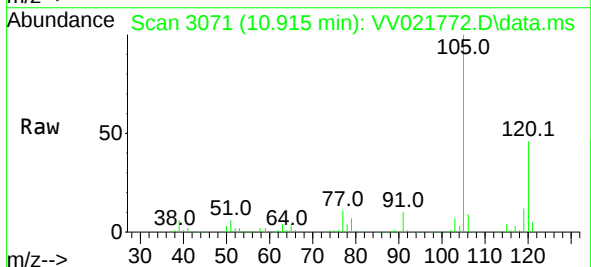
Instrument :
MSVOA_V
ClientSampled :

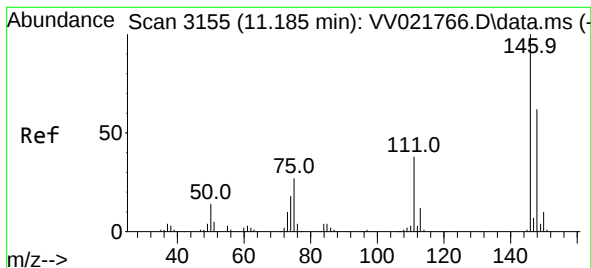
Tgt Ion:105 Resp: 309013
Ion Ratio Lower Upper
105 100
120 49.3 40.5 60.7



#63
1,2,4-Trimethylbenzene
Concen: 5.777 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.003 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

Tgt Ion:105 Resp: 313499
Ion Ratio Lower Upper
105 100
120 46.5 37.5 56.3

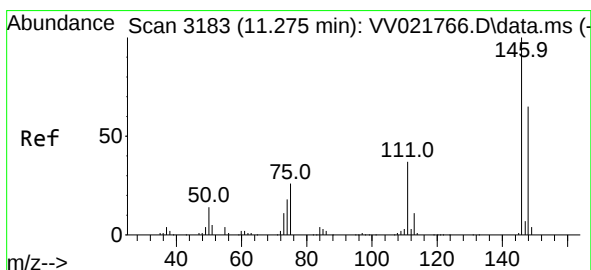
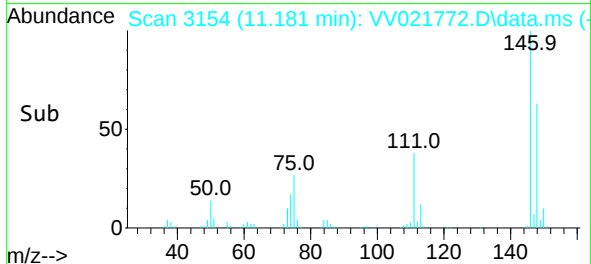
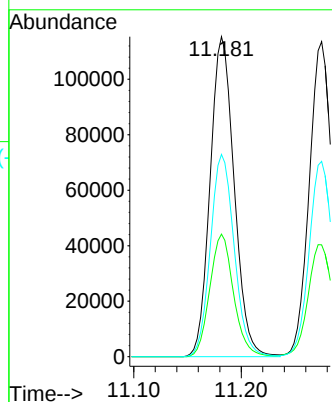
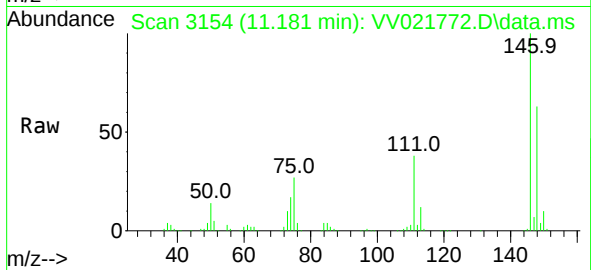




#64
1,3-Dichlorobenzene
Concen: 5.790 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.003 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

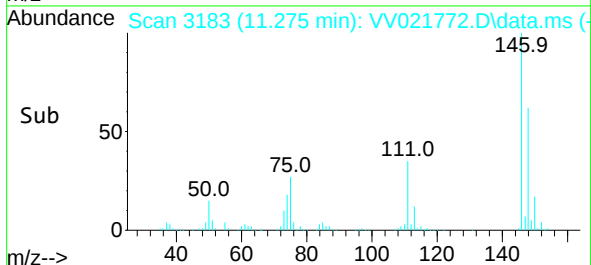
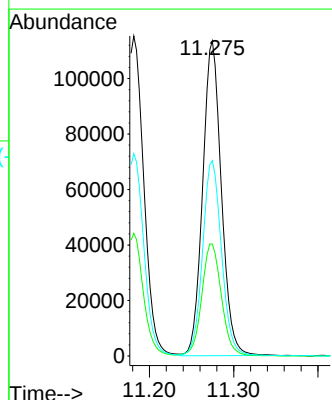
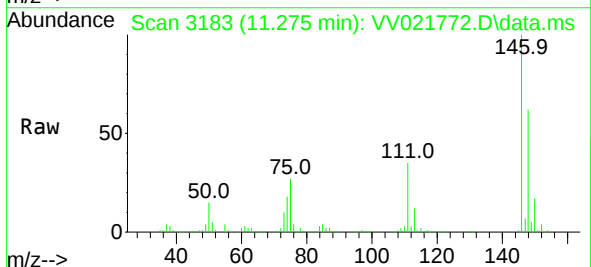
Instrument :
MSVOA_V
ClientSampleId :

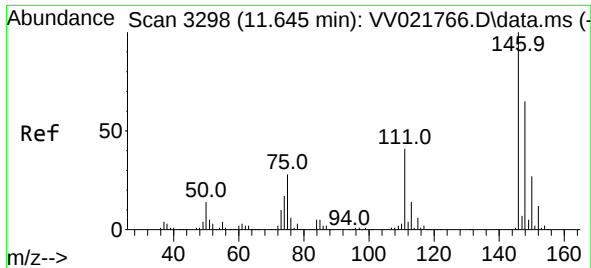
Tgt Ion:146 Resp: 179381
Ion Ratio Lower Upper
146 100
111 38.3 26.7 49.7
148 63.2 43.2 80.2



#65
1,4-Dichlorobenzene
Concen: 5.703 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

Tgt Ion:146 Resp: 175700
Ion Ratio Lower Upper
146 100
111 35.5 25.9 48.1
148 62.0 45.4 84.2

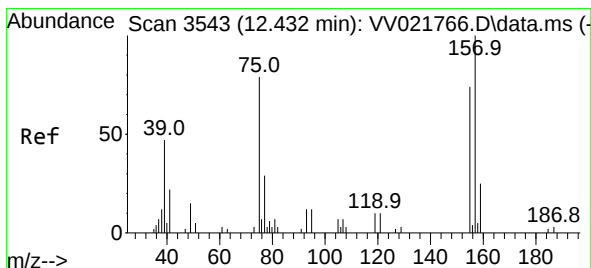
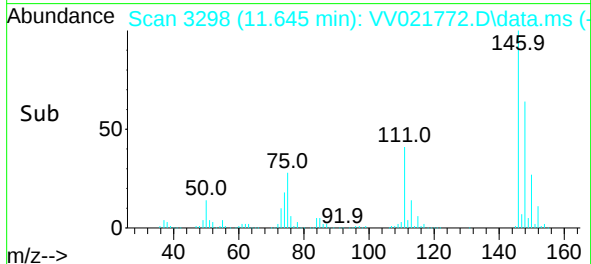
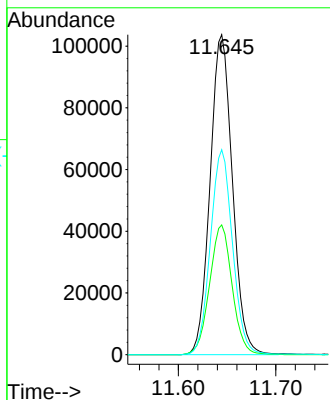
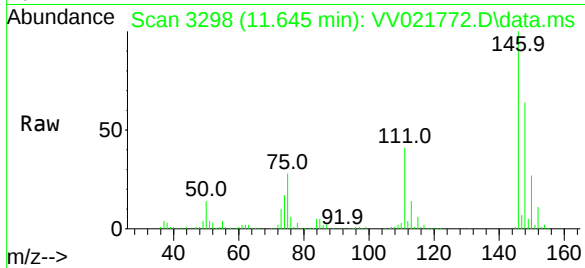




#67
1,2-Dichlorobenzene
Concen: 5.698 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

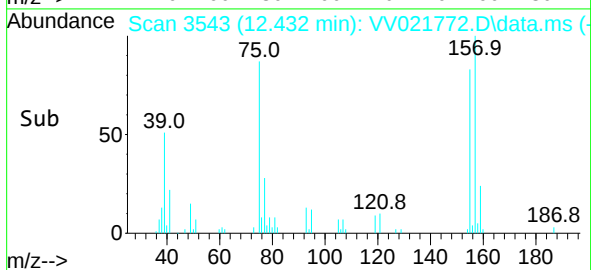
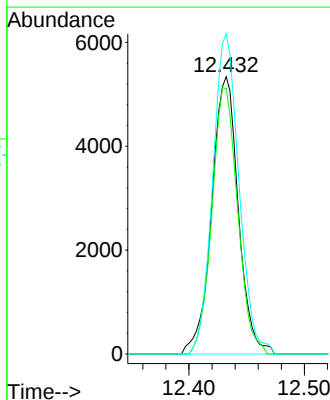
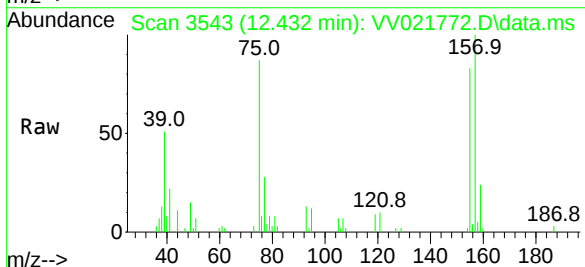
Instrument :
MSVOA_V
ClientSampleId :

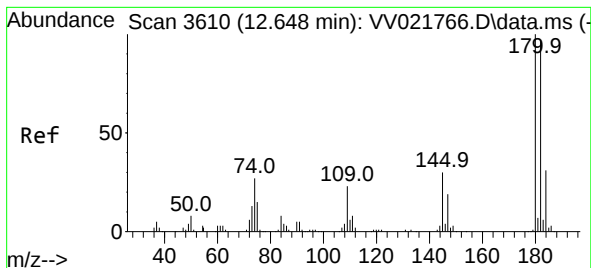
Tgt Ion:146 Resp: 165195
Ion Ratio Lower Upper
146 100
111 40.5 33.0 49.4
148 64.1 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 5.434 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. -0.000 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

Tgt Ion: 75 Resp: 8559
Ion Ratio Lower Upper
75 100
155 95.7 75.0 112.6
157 115.4 101.8 152.8

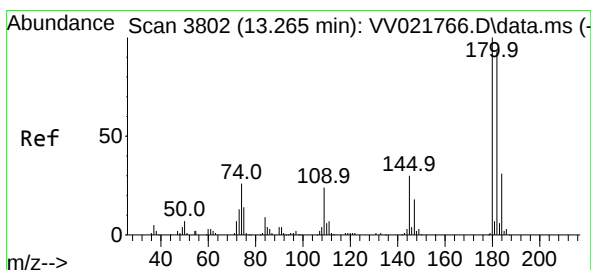
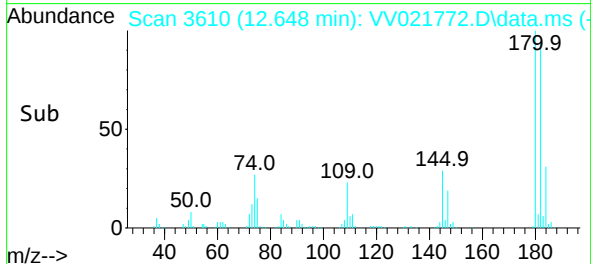
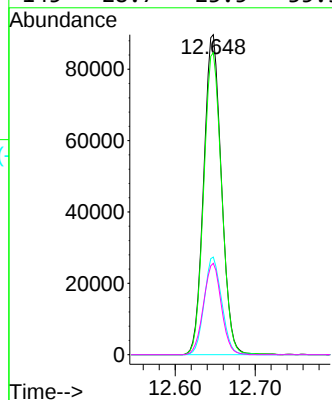
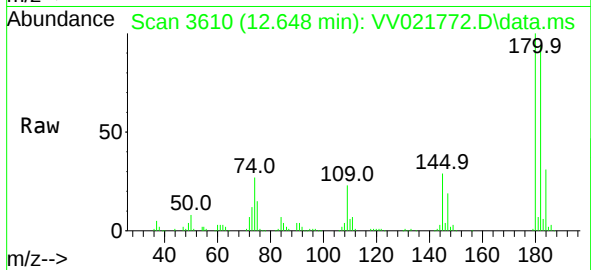




#69
1,3,5-Trichlorobenzene
Concen: 5.735 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

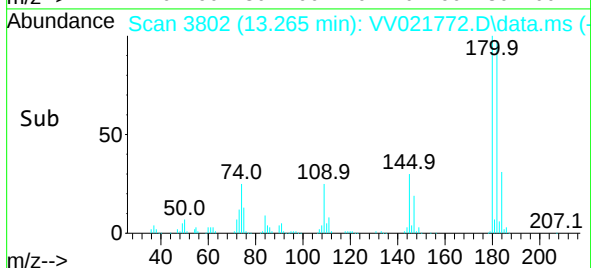
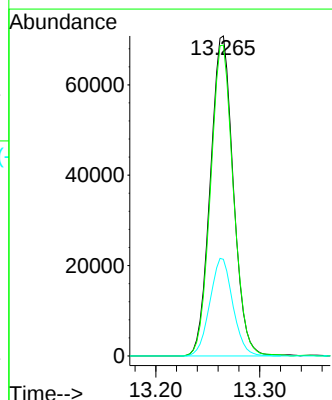
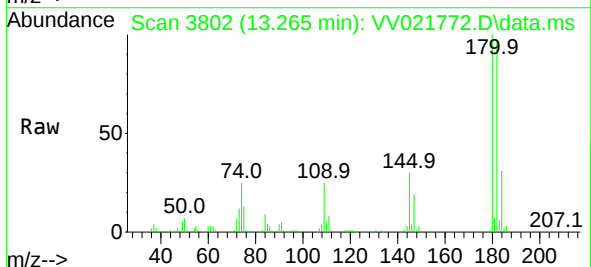
Instrument :
MSVOA_V
ClientSampleId :

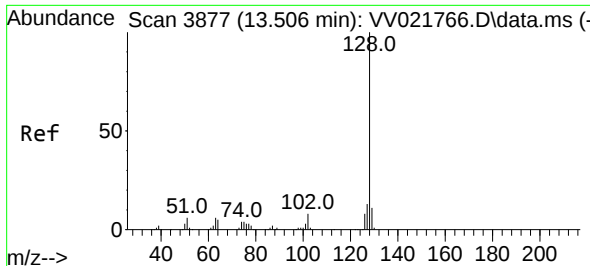
Tgt Ion:	180	Resp:	138431
Ion Ratio	Lower	Upper	
180	100		
182	95.4	75.5	113.3
184	30.0	24.0	36.0
145	28.7	23.5	35.3



#70
1,2,4-trichlorobenzene
Concen: 5.707 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. -0.000 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

Tgt Ion:	180	Resp:	108707
Ion Ratio	Lower	Upper	
180	100		
182	96.6	74.9	112.3
145	30.5	23.8	35.8

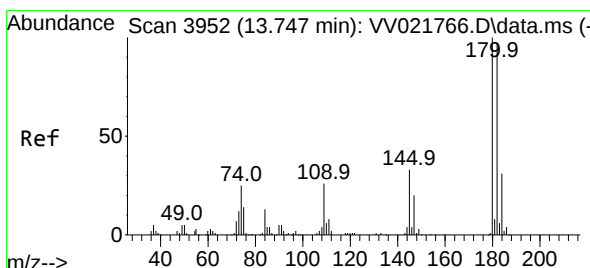
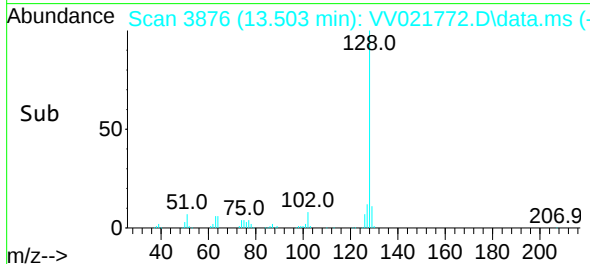
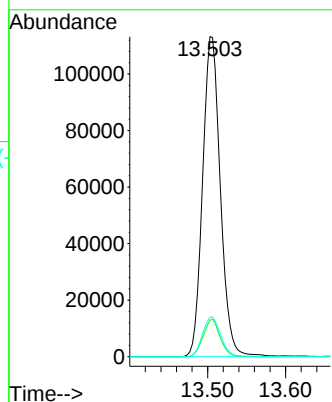
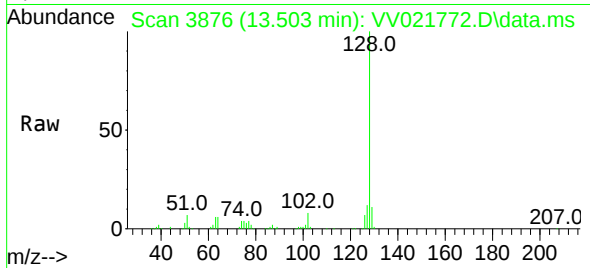




#71
Naphthalene
Concen: 6.331 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.003 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 179011
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 12.6 9.9 14.9



#72
1,2,3-Trichlorobenzene
Concen: 6.021 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.003 min
Lab File: VV021772.D
Acq: 11 Aug 2021 14:54

Tgt Ion:180 Resp: 100825
Ion Ratio Lower Upper
180 100
182 94.8 77.0 115.4
145 32.2 25.6 38.4

