

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081721\
 Data File : VW021823.D
 Acq On : 17 Aug 2021 18:35
 Operator : SY/MD
 Sample : M3365-15MS
 Misc : 6.08g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 02:11:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 18 02:05:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	437415	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	420103	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	231993	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	117370	34.323	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.640%
7) Chloroethane-d5	1.529	69	26165	10.140	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	20.280%#
11) 1,1-Dichloroethene-d2	2.076	63	187635	34.471	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.940%
21) 2-Butanone-d5	3.892	46	206021	96.871	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.870%
24) Chloroform-d	4.343	84	254439	42.947	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.900%
26) 1,2-Dichloroethane-d4	5.027	65	152375	44.713	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.420%
32) Benzene-d6	5.040	84	482960	39.978	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.960%
36) 1,2-Dichloropropane-d6	6.069	67	160072	42.549	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.100%
41) Toluene-d8	7.317	98	434330	38.898	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.800%#
43) trans-1,3-Dichloroprop...	7.625	79	79742	43.070	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.140%
47) 2-Hexanone-d5	8.104	63	150178	121.798	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.800%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	255195	54.739	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.480%
66) 1,2-Dichlorobenzene-d4	11.628	152	213880	44.548	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	150296	44.413	ug/L	100
3) Chloromethane	1.233	50	163882	46.632	ug/L	100
5) Vinyl chloride	1.304	62	169224	48.900	ug/L	99
6) Bromomethane	1.491	94	41995	20.190	ug/L	98
8) Chloroethane	1.545	64	24976	12.078	ug/L	100
9) Trichlorofluoromethane	1.690	101	198795	41.927	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	120457	44.373	ug/L	98
12) 1,1-Dichloroethene	2.082	96	117914	45.602	ug/L	89
13) Acetone	2.175	43	139544	79.742	ug/L #	100
14) Carbon disulfide	2.259	76	402395	46.252	ug/L	99
15) Methyl Acetate	2.433	43	171621	53.384	ug/L	97
16) Methylene chloride	2.491	84	170907	47.519	ug/L	98
17) trans-1,2-Dichloroethene	2.741	96	151325	49.874	ug/L	99
18) Methyl tert-butyl Ether	2.773	73	482689	51.728	ug/L	99
19) 1,1-Dichloroethane	3.175	63	270227	50.033	ug/L	98
20) cis-1,2-Dichloroethene	3.902	96	168328	47.910	ug/L	98
22) 2-Butanone	3.976	43	215640	84.615	ug/L	100
23) Bromochloromethane	4.240	128	89015	47.753	ug/L	98
25) Chloroform	4.372	83	277028	47.669	ug/L	98

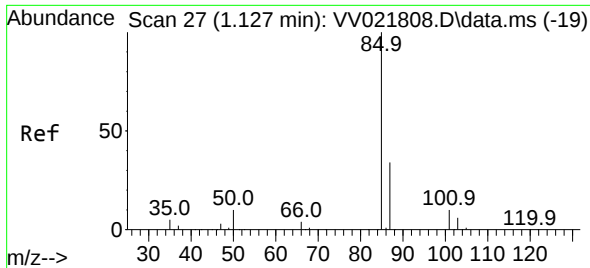
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081721\
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Quant Time: Aug 18 02:11:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 18 02:05:23 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	197423	48.215	ug/L	100
29) Cyclohexane	4.664	56	241483	46.673	ug/L	99
30) 1,1,1-Trichloroethane	4.597	97	243413	46.304	ug/L	99
31) Carbon tetrachloride	4.818	117	210991	46.386	ug/L	99
33) Benzene	5.092	78	616448	47.684	ug/L	100
34) Trichloroethene	5.908	95	163100	43.902	ug/L	97
35) Methylcyclohexane	6.124	83	251518	46.406	ug/L	99
37) 1,2-Dichloropropane	6.172	63	153812	46.987	ug/L	99
38) Bromodichloromethane	6.513	83	204438	47.384	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	253163	48.841	ug/L	99
40) 4-Methyl-2-pentanone	7.236	43	481763	106.990	ug/L	100
42) Toluene	7.387	91	669798	48.510	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	241053	49.347	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	164449	50.149	ug/L	99
46) Tetrachloroethene	7.976	164	129453	46.887	ug/L	98
48) 2-Hexanone	8.156	43	369837	106.032	ug/L	97
49) Dibromochloromethane	8.249	129	178464	49.291	ug/L	99
50) 1,2-Dibromoethane	8.355	107	178250	49.950	ug/L	100
51) Chlorobenzene	8.883	112	443826	49.232	ug/L	99
52) Ethylbenzene	9.014	91	725755	49.269	ug/L	100
53) m,p-Xylene	9.140	106	284939	49.911	ug/L	99
54) o-Xylene	9.545	106	283036	50.016	ug/L	100
55) Styrene	9.564	104	493483	52.076	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.249	83	262138	57.423	ug/L	100
59) Bromoform	9.738	173	131701	47.755	ug/L	99
60) Isopropylbenzene	9.934	105	744058	47.839	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	211455	49.322	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	639952	49.031	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	663322	49.983	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	362407	48.115	ug/L	98
65) 1,4-Dichlorobenzene	11.278	146	365778	48.651	ug/L	100
67) 1,2-Dichlorobenzene	11.648	146	374639	49.306	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	52251	50.127	ug/L	96
69) 1,3,5-Trichlorobenzene	12.648	180	264804	48.501	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	217376	47.472	ug/L	99
71) Naphthalene	13.506	128	684329	51.449	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	215967	46.949	ug/L	99

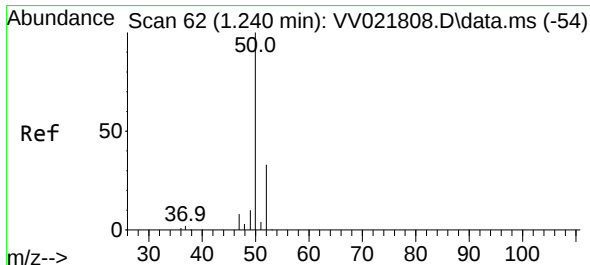
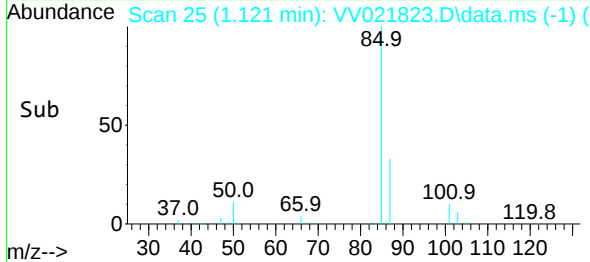
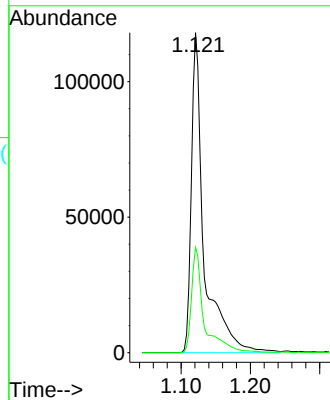
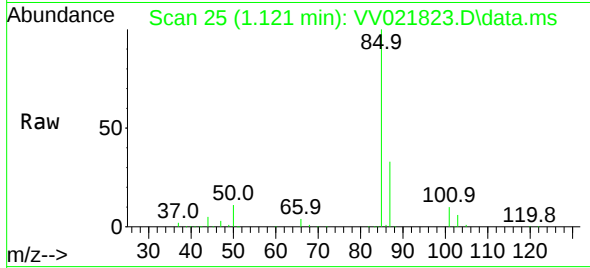
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 44.413 ug/L
 RT: 1.121 min Scan# 25
 Delta R.T. -0.006 min
 Lab File: VV021823.D
 Acq: 17 Aug 2021 18:35

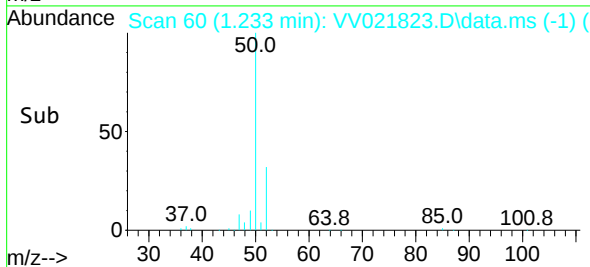
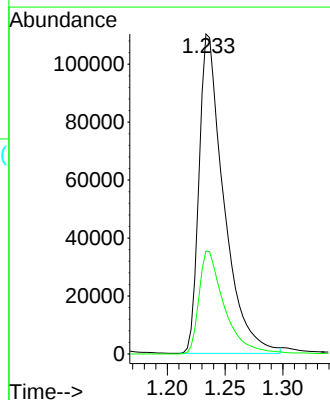
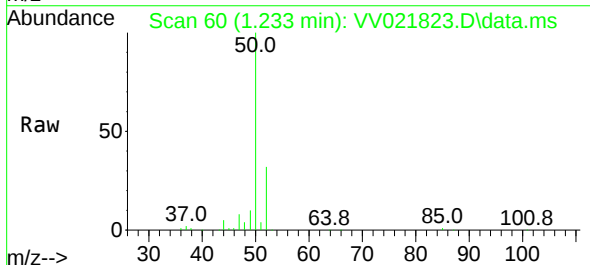
Instrument :
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 ClientSampled :

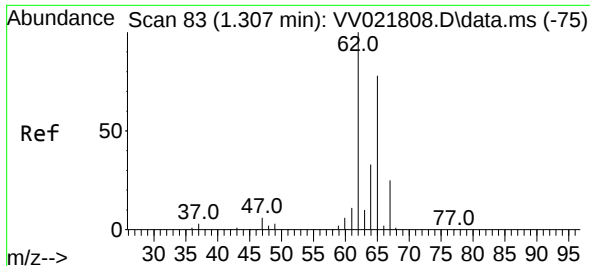
Tgt Ion: 85 Resp: 150296
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.1 39.1



#3
 Chloromethane
 Concen: 46.632 ug/L
 RT: 1.233 min Scan# 60
 Delta R.T. -0.006 min
 Lab File: VV021823.D
 Acq: 17 Aug 2021 18:35

Tgt Ion: 50 Resp: 163882
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.7 42.1

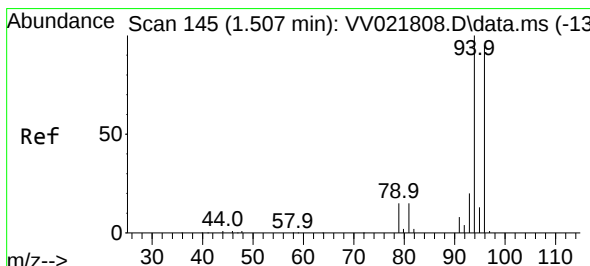
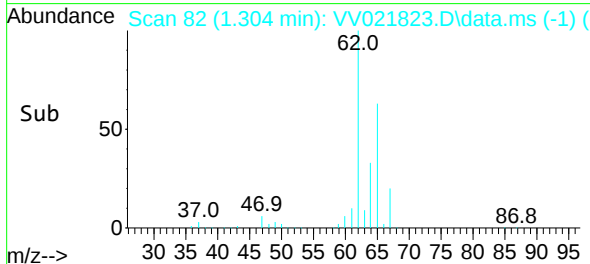
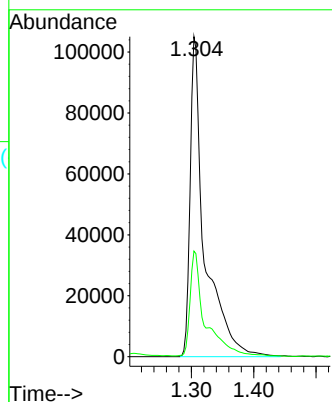
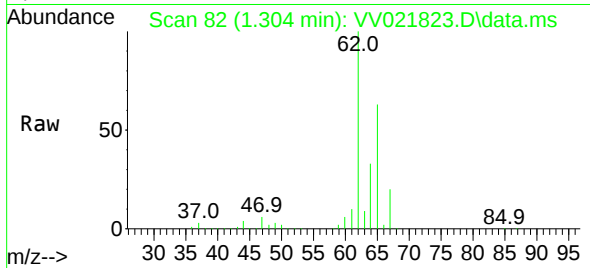




#5
 Vinyl chloride
 Concen: 48.900 ug/L
 RT: 1.304 min Scan# 82
 Delta R.T. -0.003 min
 Lab File: VV021823.D
 Acq: 17 Aug 2021 18:35

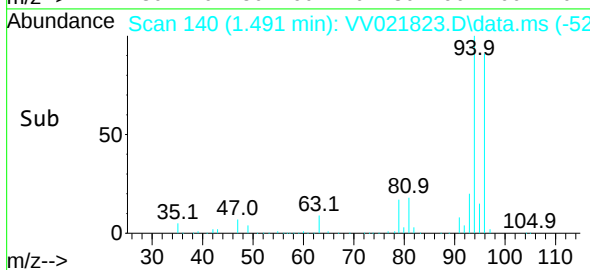
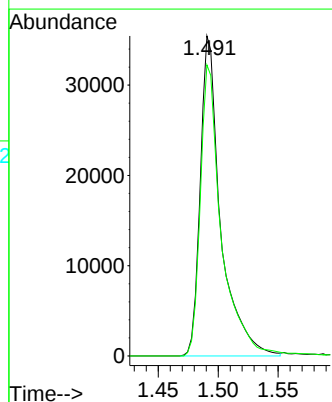
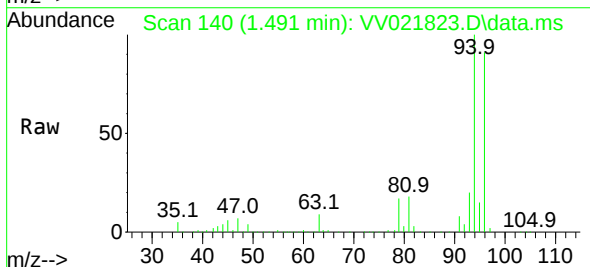
Instrument :
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 ClientSampled :

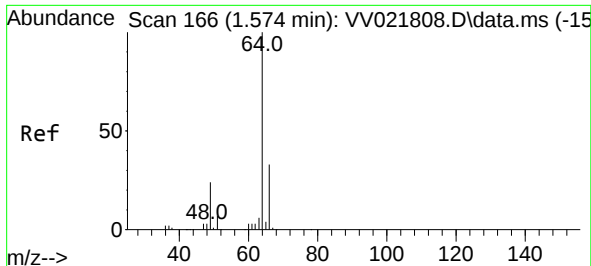
Tgt Ion: 62 Resp: 169224
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.4 43.4



#6
 Bromomethane
 Concen: 20.190 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. -0.016 min
 Lab File: VV021823.D
 Acq: 17 Aug 2021 18:35

Tgt Ion: 94 Resp: 41995
 Ion Ratio Lower Upper
 94 100
 96 91.0 64.8 120.3

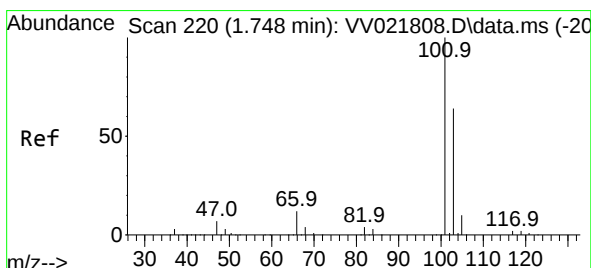
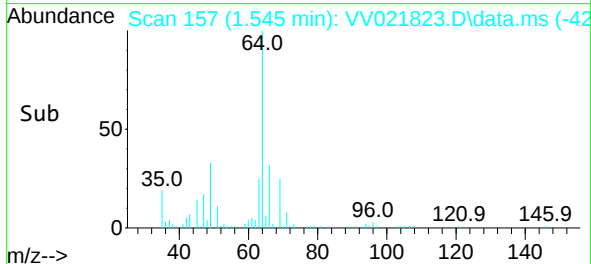
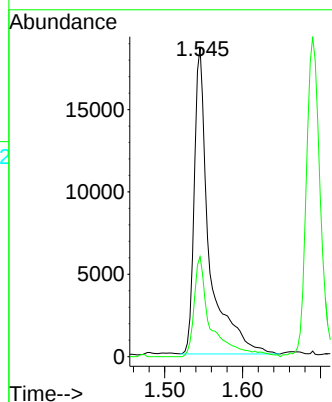
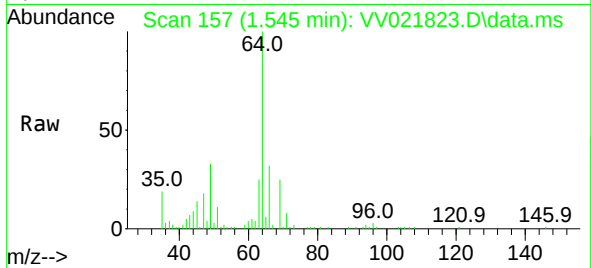




#8
Chloroethane
Concen: 12.078 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.029 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

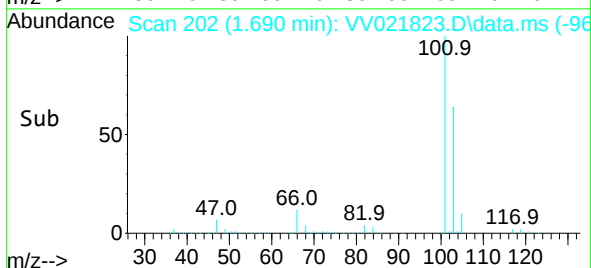
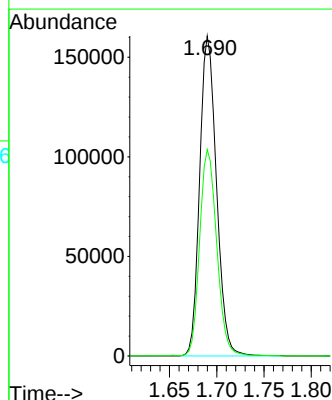
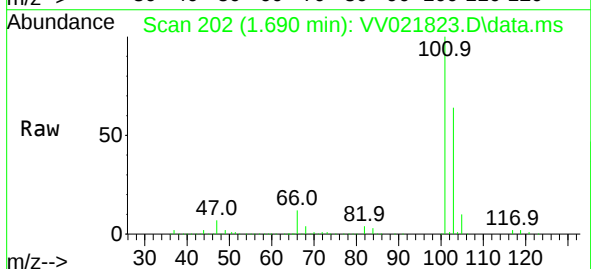
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ClientSampled :

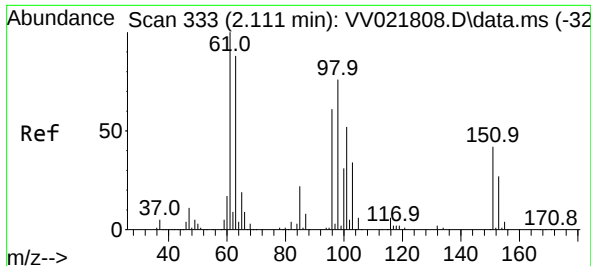
Tgt Ion: 64 Resp: 24976
Ion Ratio Lower Upper
64 100
66 32.3 22.6 42.0



#9
Trichlorofluoromethane
Concen: 41.927 ug/L
RT: 1.690 min Scan# 202
Delta R.T. -0.058 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

Tgt Ion:101 Resp: 198795
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.8

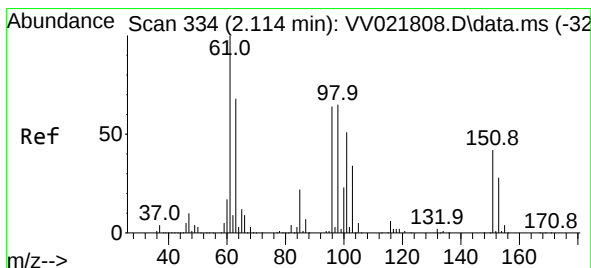
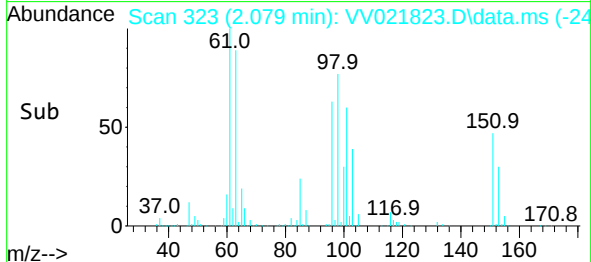
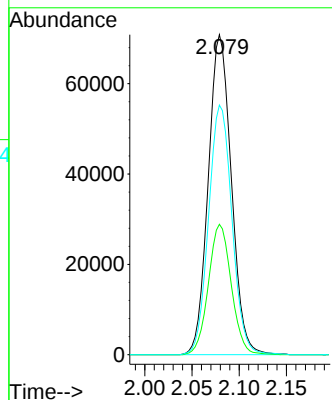
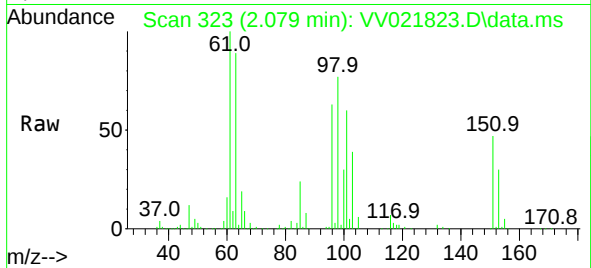




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 44.373 ug/L
RT: 2.079 min Scan# 323
Delta R.T. -0.032 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

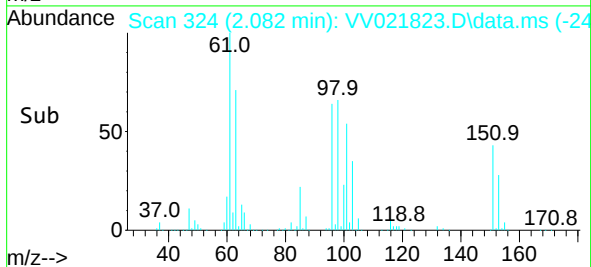
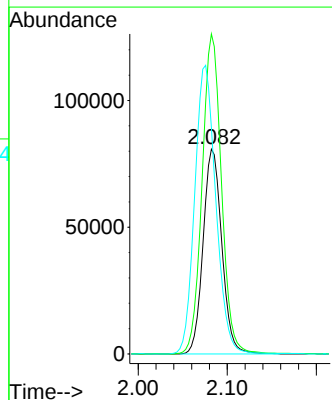
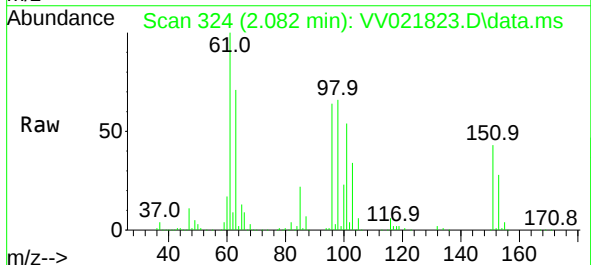
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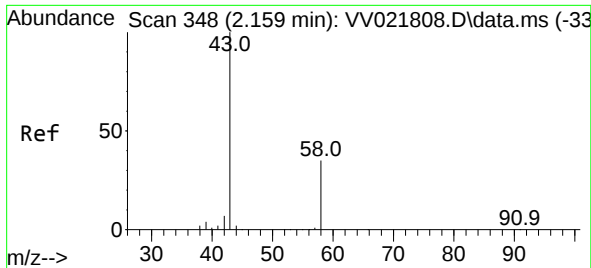
Tgt Ion:101 Resp: 120457
Ion Ratio Lower Upper
101 100
85 40.3 33.4 50.2
151 79.2 62.2 93.2



#12
1,1-Dichloroethene
Concen: 45.602 ug/L
RT: 2.082 min Scan# 324
Delta R.T. -0.032 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

Tgt Ion: 96 Resp: 117914
Ion Ratio Lower Upper
96 100
61 156.3 115.5 214.5
63 110.6 90.3 167.7

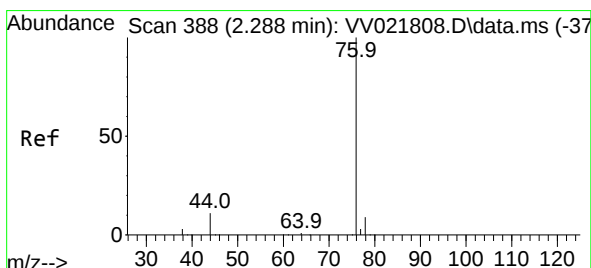
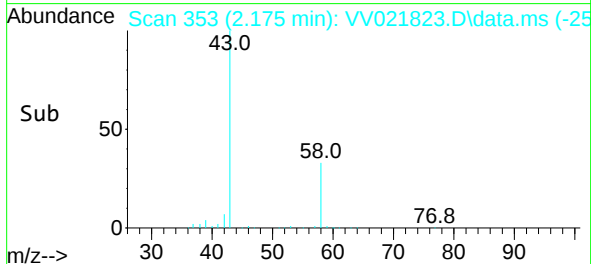
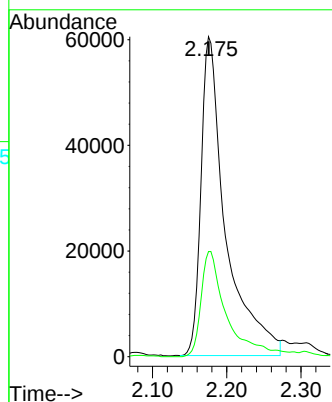
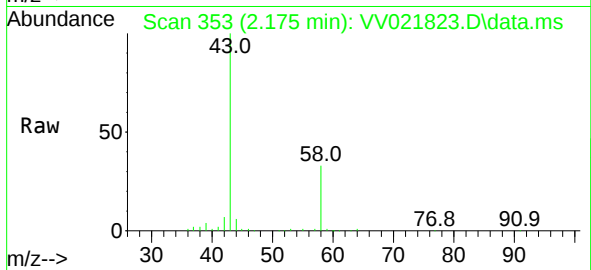




#13
Acetone
Concen: 79.742 ug/L
RT: 2.175 min Scan# 353
Delta R.T. 0.016 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

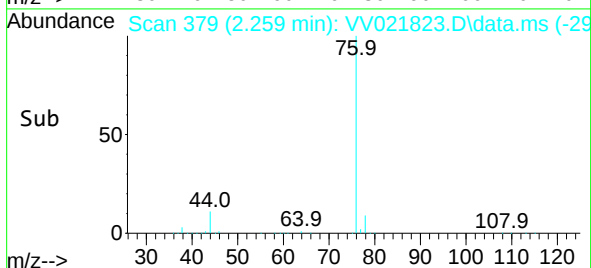
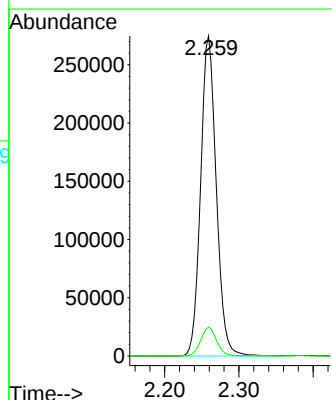
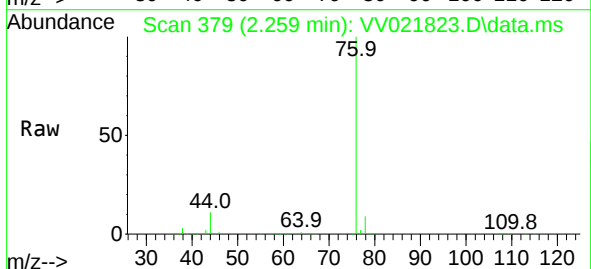
Instrument :
MSVOA_V
ClientSampled :

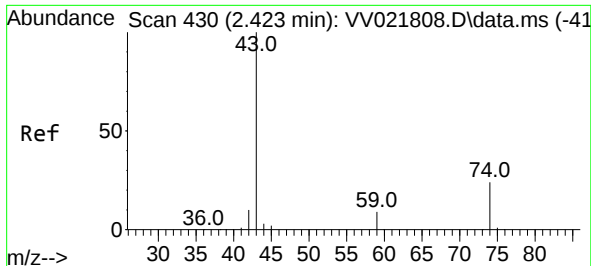
Tgt Ion: 43 Resp: 139544
Ion Ratio Lower Upper
43 100
58 33.1 0.0 0.0#



#14
Carbon disulfide
Concen: 46.252 ug/L
RT: 2.259 min Scan# 379
Delta R.T. -0.029 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

Tgt Ion: 76 Resp: 402395
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

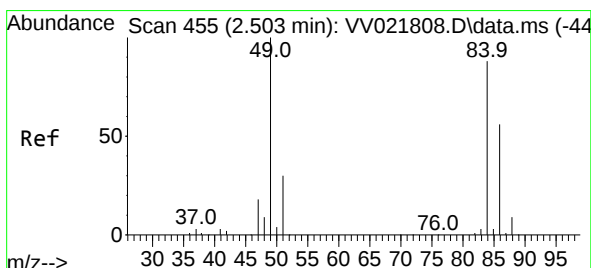
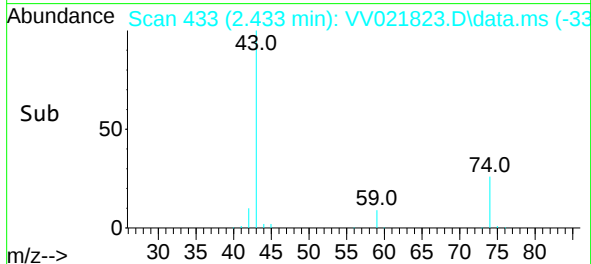
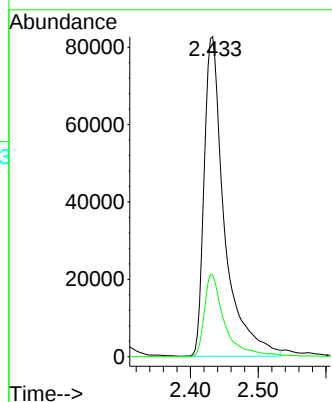
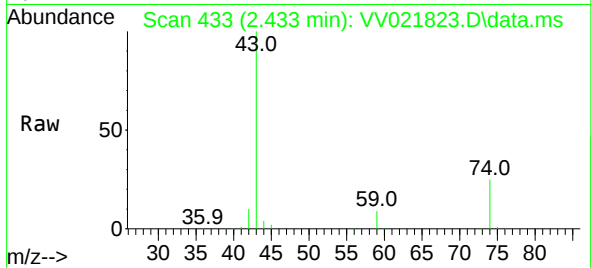




#15
Methyl Acetate
Concen: 53.384 ug/L
RT: 2.433 min Scan# 433
Delta R.T. 0.010 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

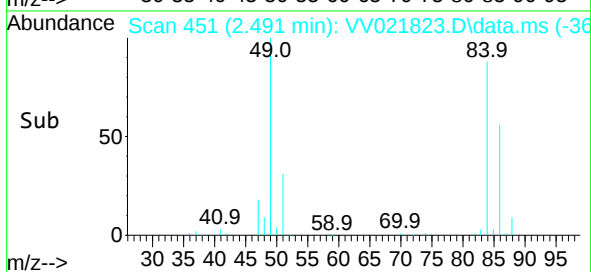
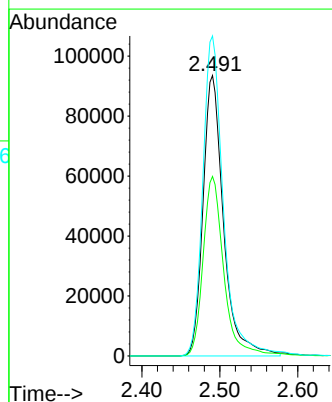
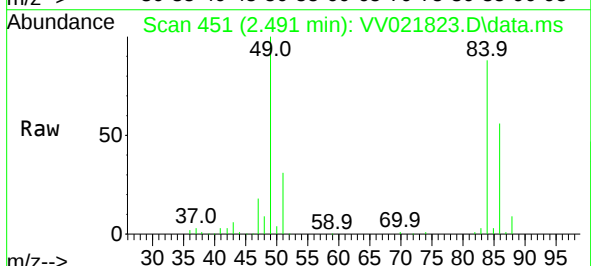
Instrument :
MSVOA_V
ClientSampled :

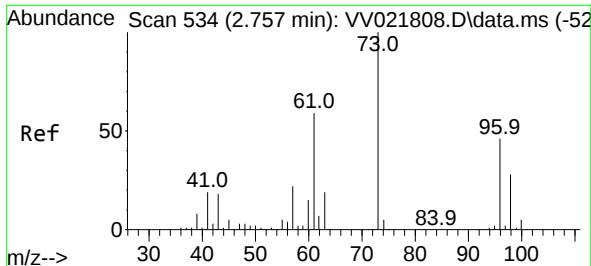
Tgt Ion: 43 Resp: 171621
Ion Ratio Lower Upper
43 100
74 25.2 19.0 28.6



#16
Methylene chloride
Concen: 47.519 ug/L
RT: 2.491 min Scan# 451
Delta R.T. -0.013 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

Tgt Ion: 84 Resp: 170907
Ion Ratio Lower Upper
84 100
86 64.0 44.7 83.1
49 114.1 82.5 153.3

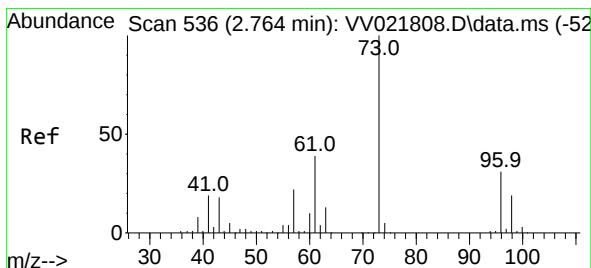
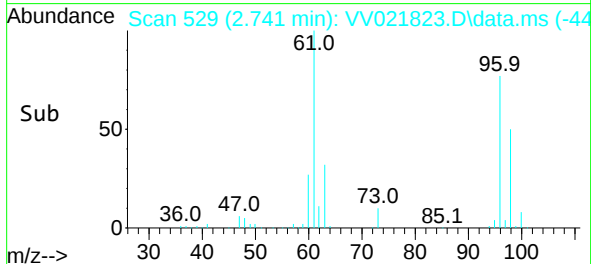
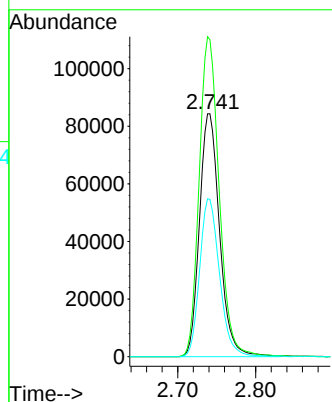
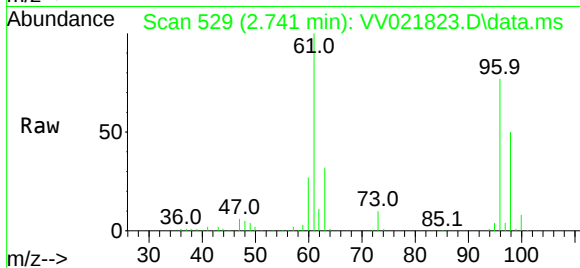




#17
trans-1,2-Dichloroethene
Concen: 49.874 ug/L
RT: 2.741 min Scan# 529
Delta R.T. -0.016 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

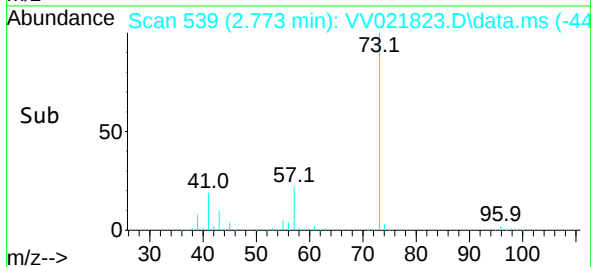
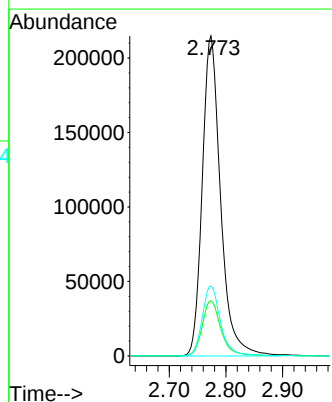
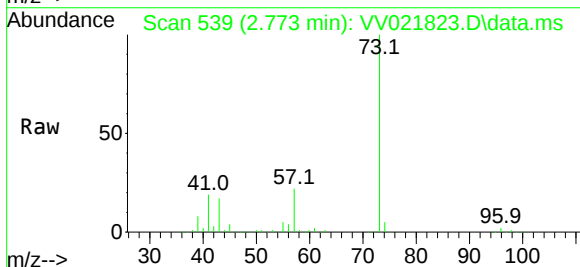
Instrument :
MSVOA_V
ClientSampleId :

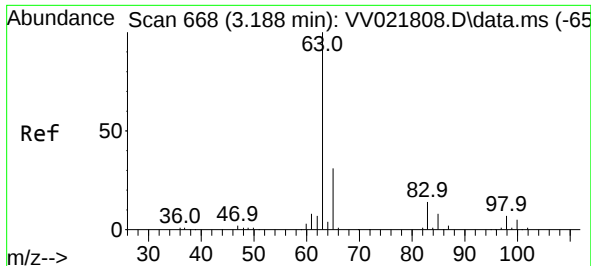
Tgt Ion: 96 Resp: 151325
Ion Ratio Lower Upper
96 100
61 130.5 90.4 168.0
98 64.8 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 51.728 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.010 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

Tgt Ion: 73 Resp: 482689
Ion Ratio Lower Upper
73 100
43 17.3 14.2 21.4
57 21.7 17.7 26.5





#19

1,1-Dichloroethane

Concen: 50.033 ug/L

RT: 3.175 min Scan# 664

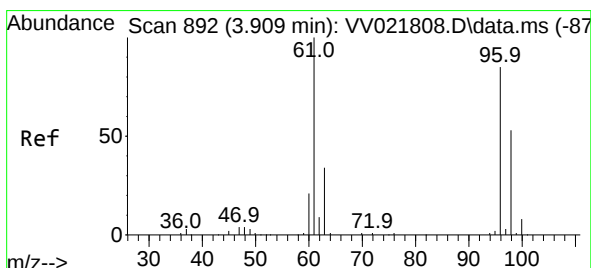
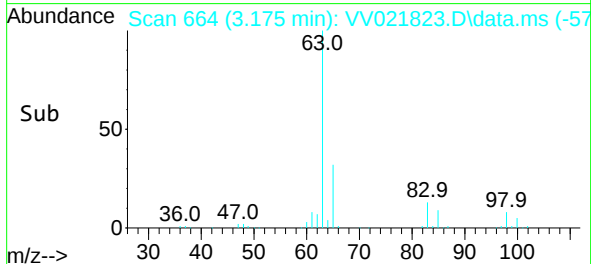
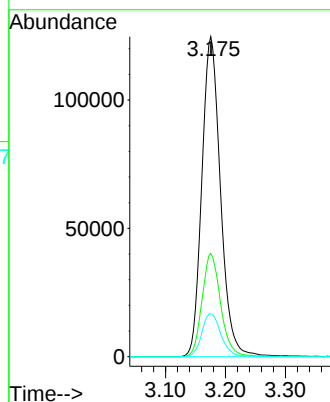
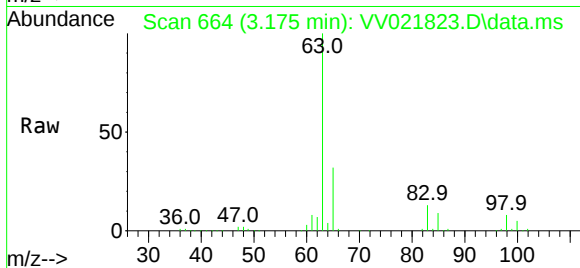
Delta R.T. -0.013 min

Lab File: VV021823.D

Acq: 17 Aug 2021 18:35

Tgt Ion: 63 Resp: 270227

Ion	Ratio	Lower	Upper
63	100		
65	32.2	21.8	40.6
83	13.5	9.6	17.8



#20

cis-1,2-Dichloroethene

Concen: 47.910 ug/L

RT: 3.902 min Scan# 890

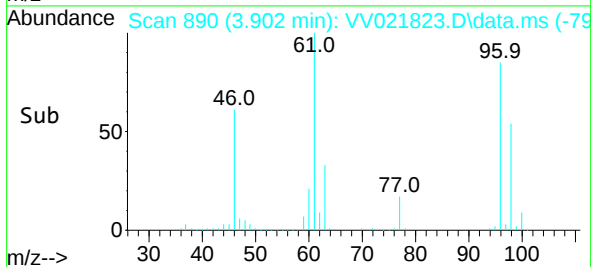
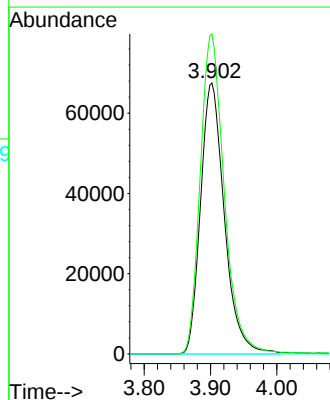
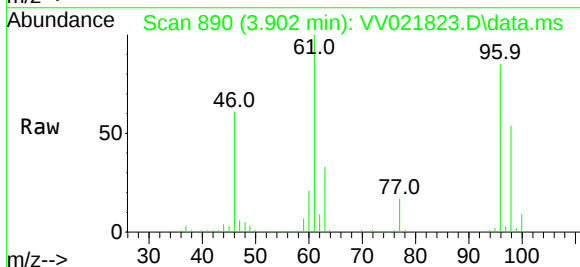
Delta R.T. -0.006 min

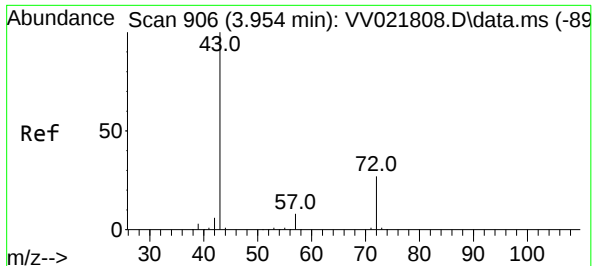
Lab File: VV021823.D

Acq: 17 Aug 2021 18:35

Tgt Ion: 96 Resp: 168328

Ion	Ratio	Lower	Upper
96	100		
61	118.1	81.0	150.4
68	0.0	0.0	0.0

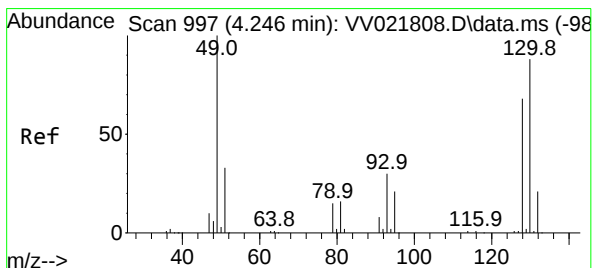
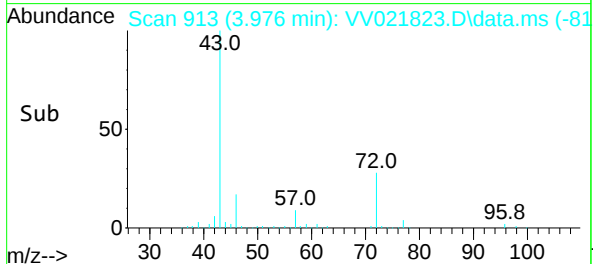
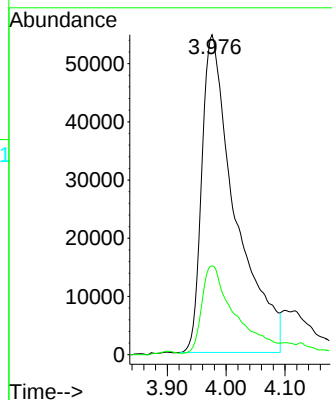
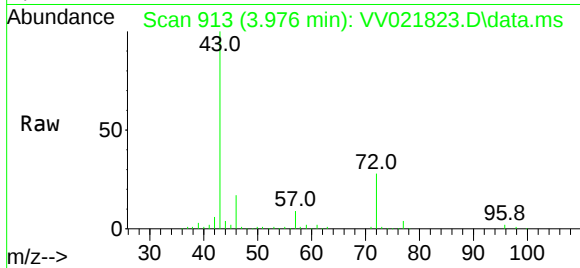




#22
2-Butanone
Concen: 84.615 ug/L
RT: 3.976 min Scan# 913
Delta R.T. 0.022 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

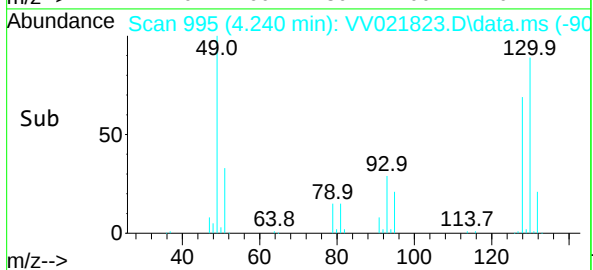
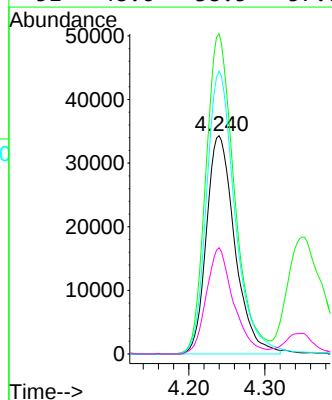
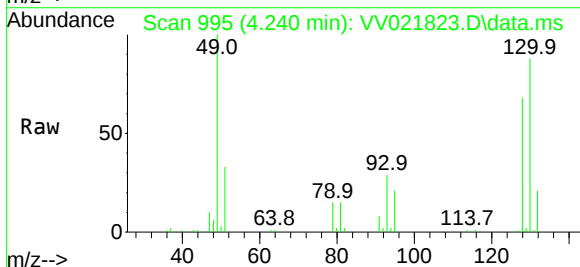
Instrument :
MSVOA_V
ClientSampled :

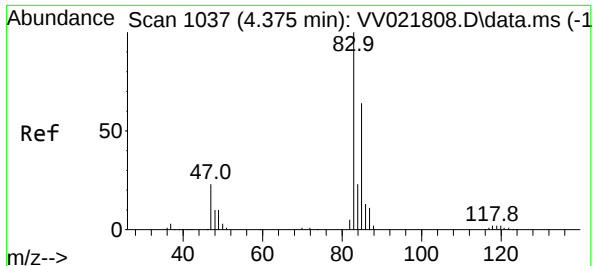
Tgt Ion: 43 Resp: 215640
Ion Ratio Lower Upper
43 100
72 27.1 13.6 40.8



#23
Bromochloromethane
Concen: 47.753 ug/L
RT: 4.240 min Scan# 995
Delta R.T. -0.006 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

Tgt Ion: 128 Resp: 89015
Ion Ratio Lower Upper
128 100
49 146.6 105.6 196.0
130 129.6 89.5 166.1
51 48.6 38.5 57.7





#25

Chloroform

Concen: 47.669 ug/L

RT: 4.372 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV021823.D

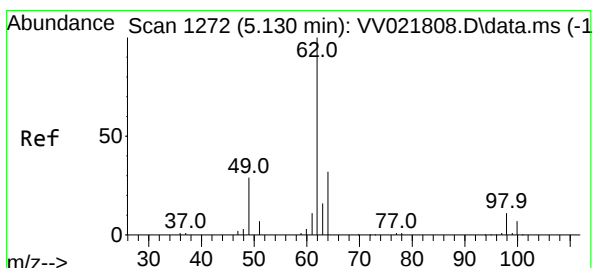
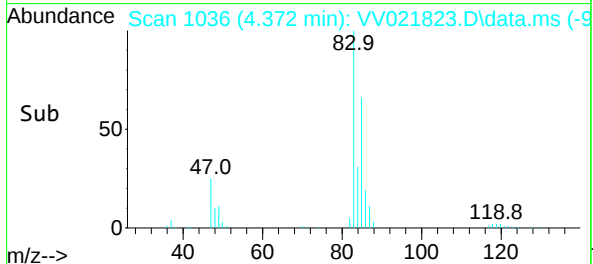
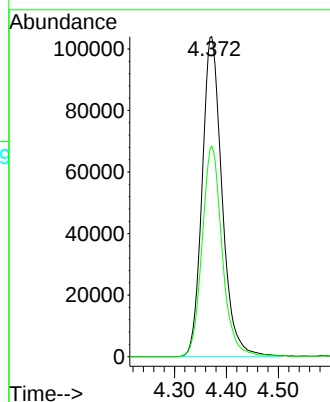
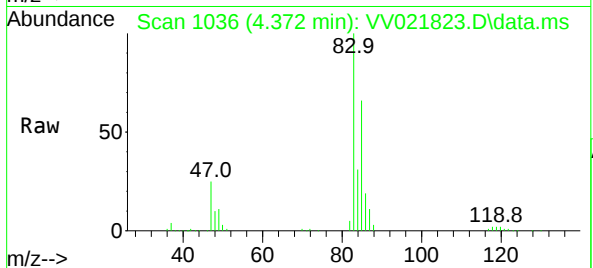
Acq: 17 Aug 2021 18:35

Tgt Ion: 83 Resp: 277028

Ion Ratio Lower Upper

83 100

85 65.8 44.8 83.2



#27

1,2-Dichloroethane

Concen: 48.215 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV021823.D

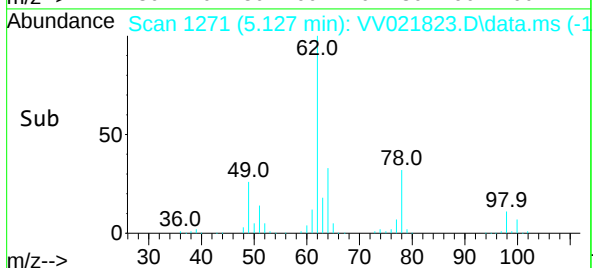
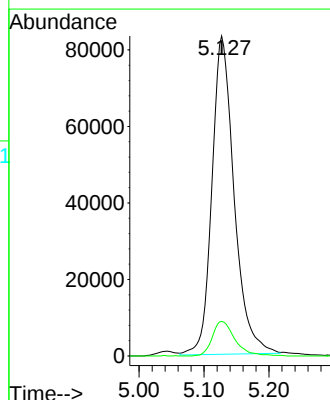
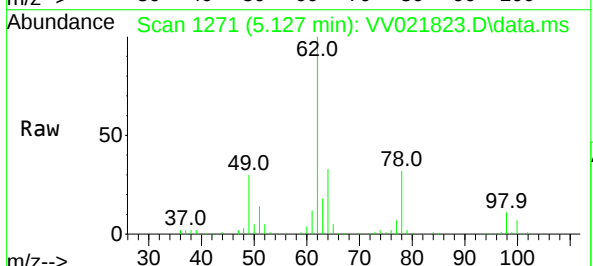
Acq: 17 Aug 2021 18:35

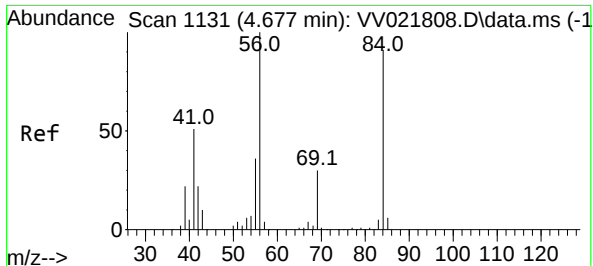
Tgt Ion: 62 Resp: 197423

Ion Ratio Lower Upper

62 100

98 10.8 8.6 13.0





#29

Cyclohexane

Concen: 46.673 ug/L

RT: 4.664 min Scan# 1127

Delta R.T. -0.013 min

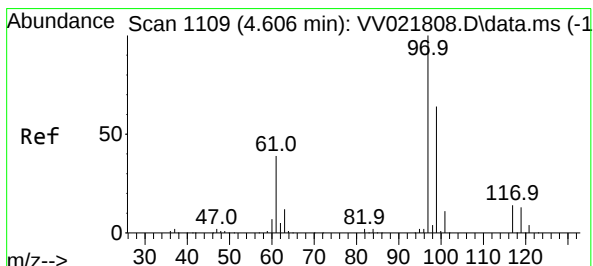
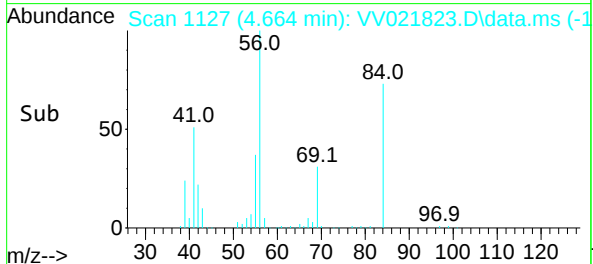
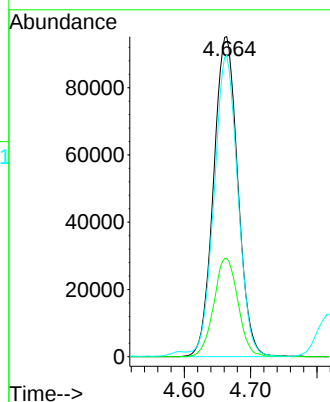
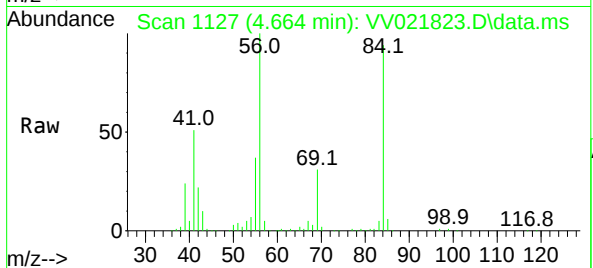
Lab File: VV021823.D

Acq: 17 Aug 2021 18:35

Tgt Ion: 56 Resp: 241483

Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.9	37.3
84	91.9	72.6	109.0

Instrument :
MSVOA_V
ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 46.304 ug/L

RT: 4.597 min Scan# 1106

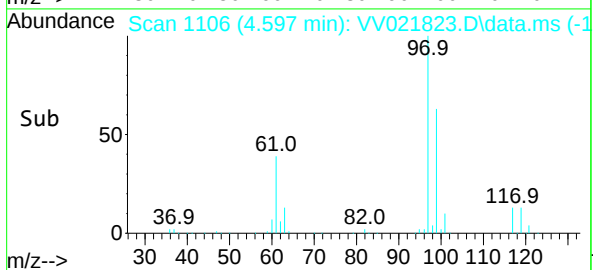
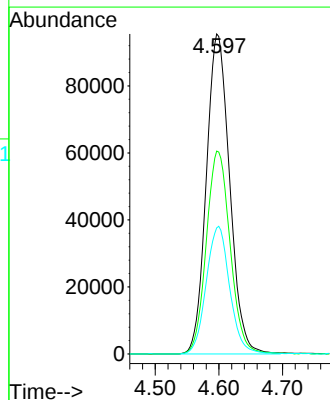
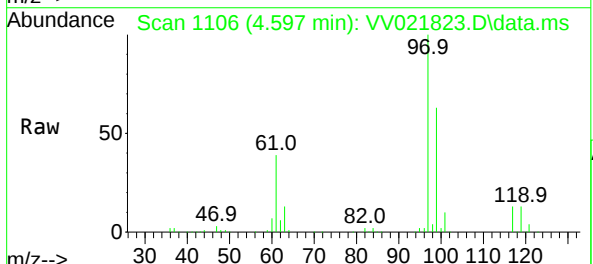
Delta R.T. -0.010 min

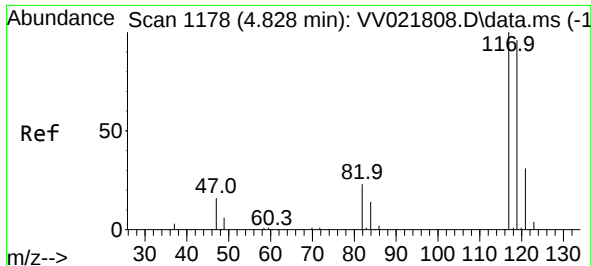
Lab File: VV021823.D

Acq: 17 Aug 2021 18:35

Tgt Ion: 97 Resp: 243413

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.0	76.4
61	40.1	32.3	48.5

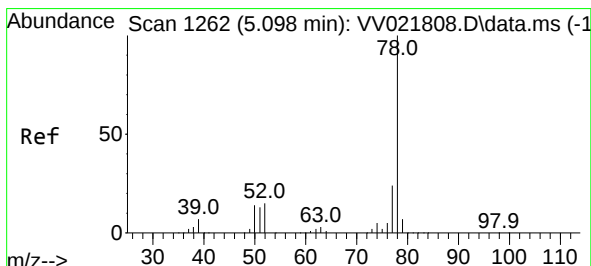
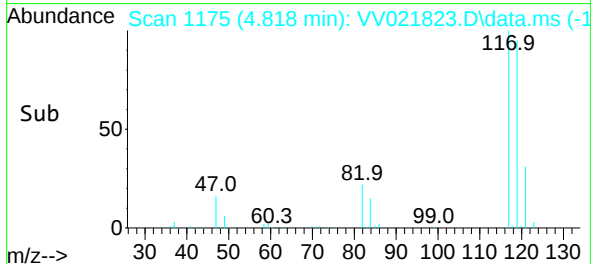
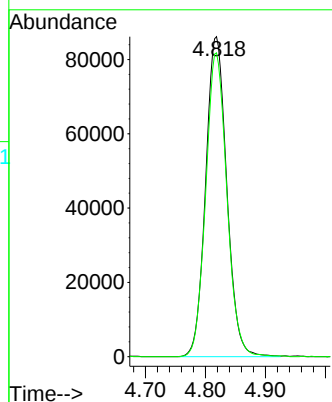
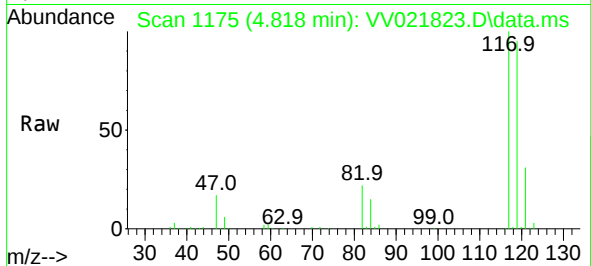




#31
Carbon tetrachloride
Concen: 46.386 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.010 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

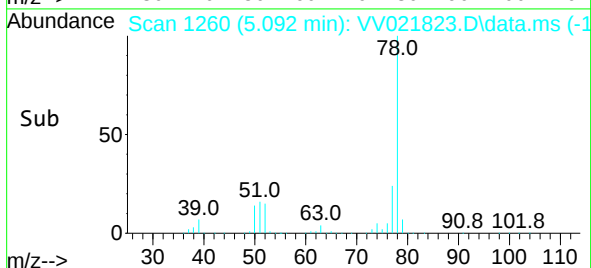
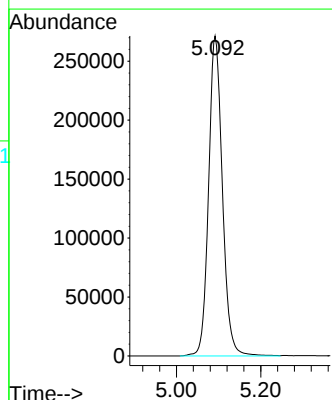
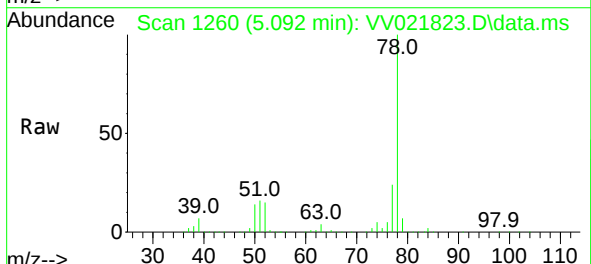
Instrument :
MSVOA_V
ClientSampled :

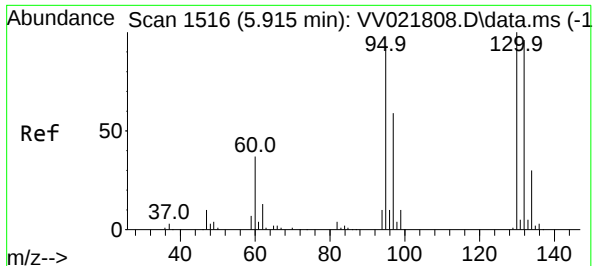
Tgt Ion:117 Resp: 210991
Ion Ratio Lower Upper
117 100
119 95.1 77.1 115.7



#33
Benzene
Concen: 47.684 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

Tgt Ion: 78 Resp: 616448

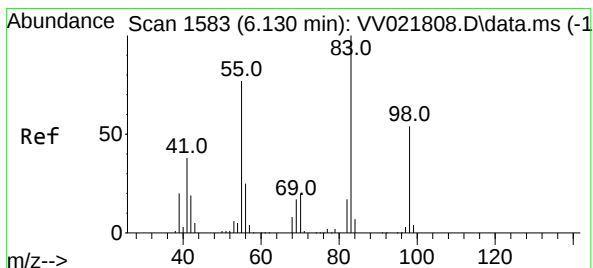
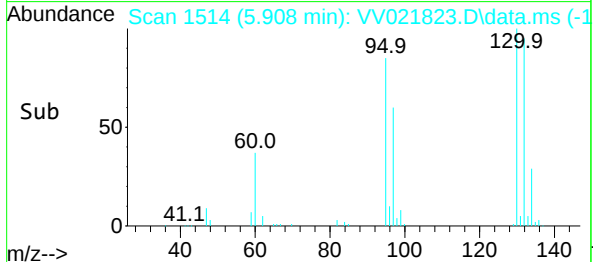
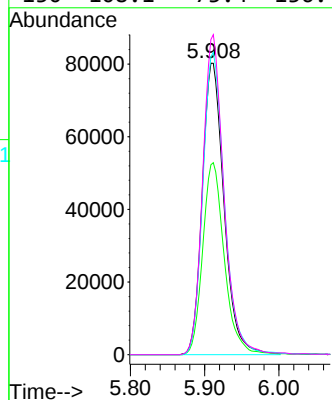
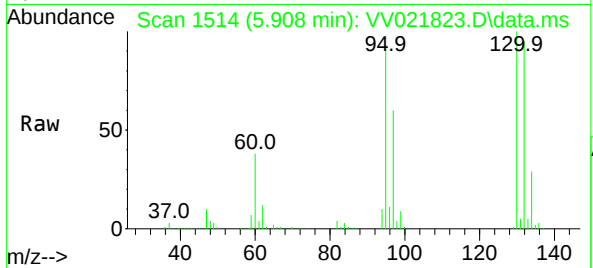




#34
Trichloroethene
Concen: 43.902 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.006 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

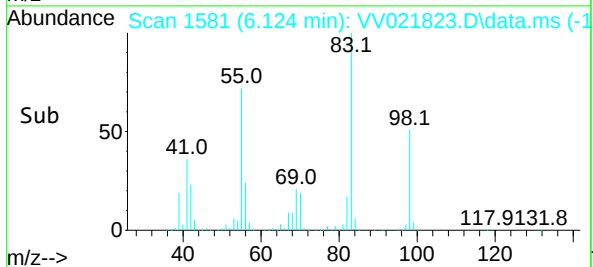
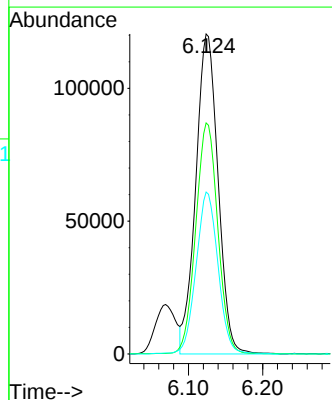
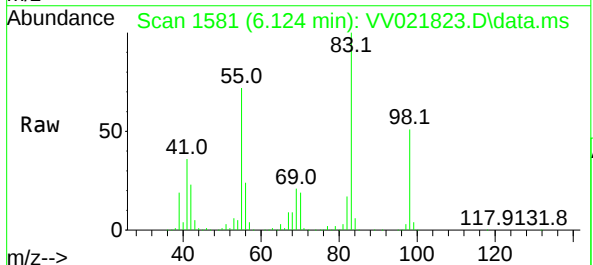
Instrument :
MSVOA_V
ClientSampleId :

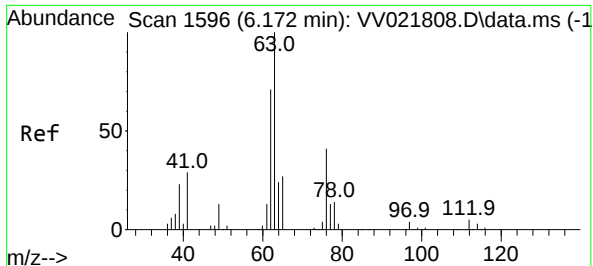
Tgt Ion: 95 Resp: 163100
Ion Ratio Lower Upper
95 100
97 65.1 44.1 81.9
132 102.3 70.2 130.4
130 108.1 73.4 136.4



#35
Methylcyclohexane
Concen: 46.406 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.006 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

Tgt Ion: 83 Resp: 251518
Ion Ratio Lower Upper
83 100
55 71.2 57.9 86.9
98 49.4 39.9 59.9

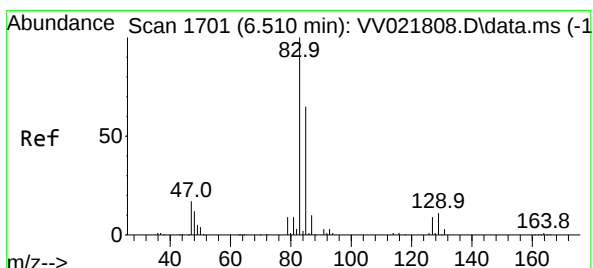
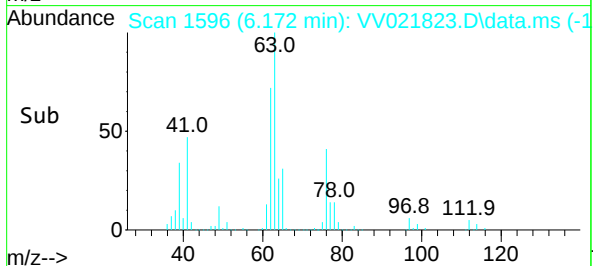
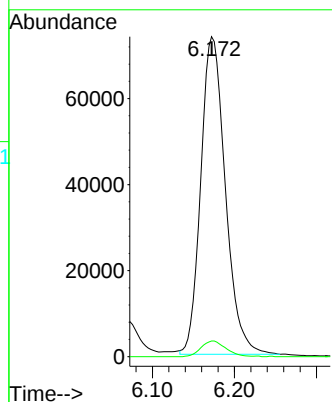
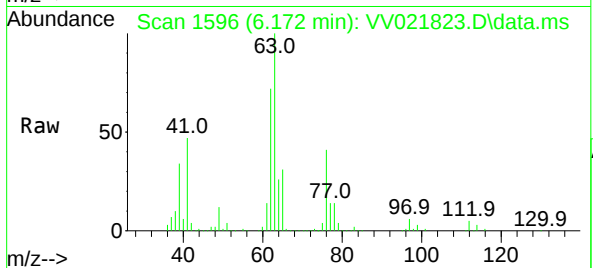




#37
1,2-Dichloropropane
Concen: 46.987 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

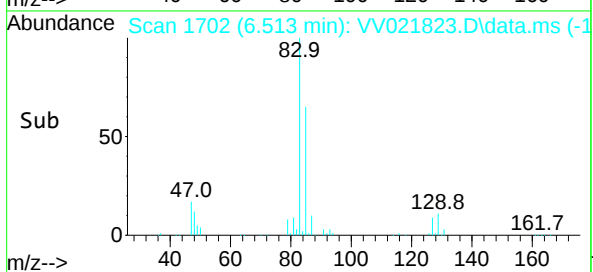
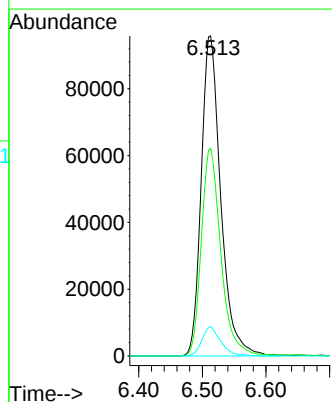
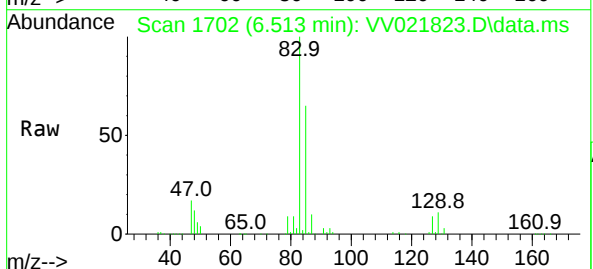
Instrument :
MSVOA_V
ClientSampleId :

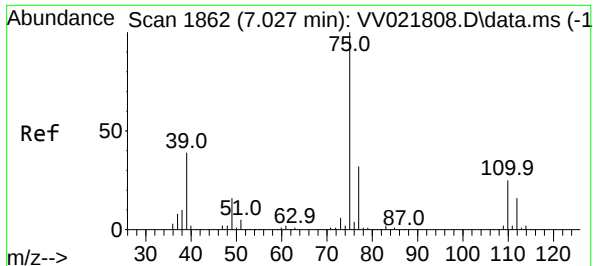
Tgt Ion: 63 Resp: 153812
Ion Ratio Lower Upper
63 100
112 5.0 3.8 5.6



#38
Bromodichloromethane
Concen: 47.384 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

Tgt Ion: 83 Resp: 204438
Ion Ratio Lower Upper
83 100
85 64.9 45.7 84.9
127 9.1 7.4 11.2

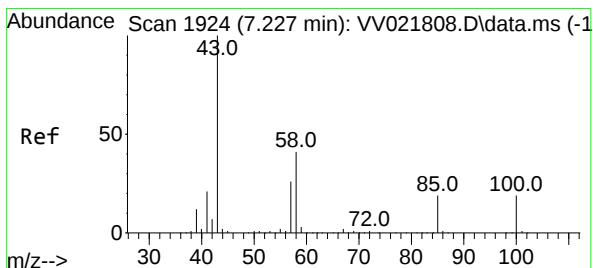
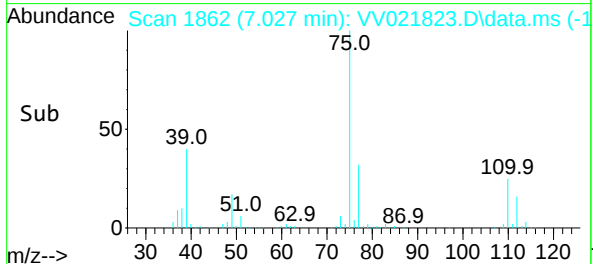
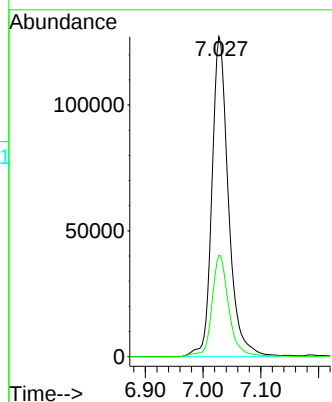
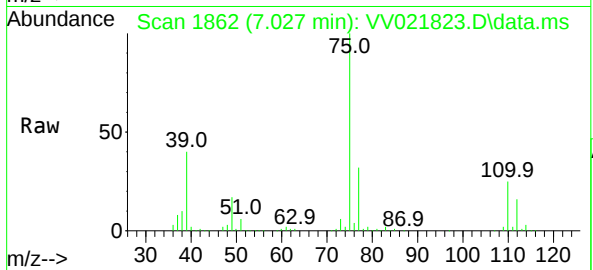




#39
cis-1,3-Dichloropropene
Concen: 48.841 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. -0.000 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

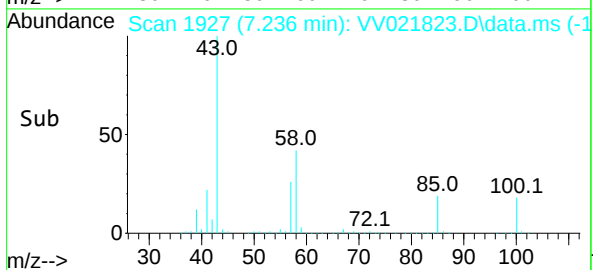
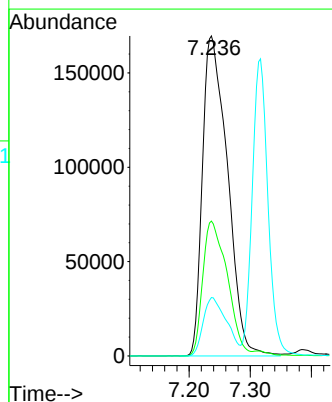
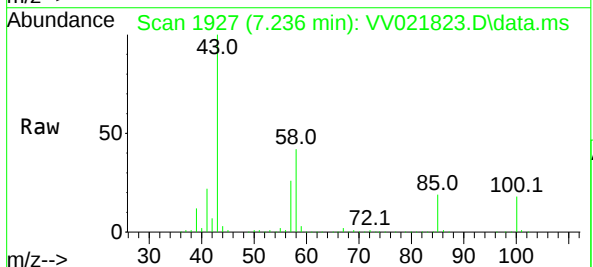
Instrument :
MSVOA_V
ClientSampled :

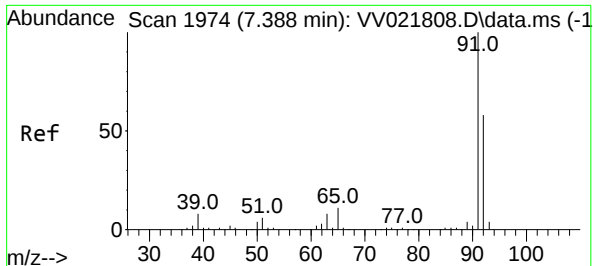
Tgt Ion: 75 Resp: 253163
Ion Ratio Lower Upper
75 100
77 31.7 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 106.990 ug/L
RT: 7.236 min Scan# 1927
Delta R.T. 0.010 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

Tgt Ion: 43 Resp: 481763
Ion Ratio Lower Upper
43 100
58 41.1 32.9 49.3
100 17.3 14.0 21.0

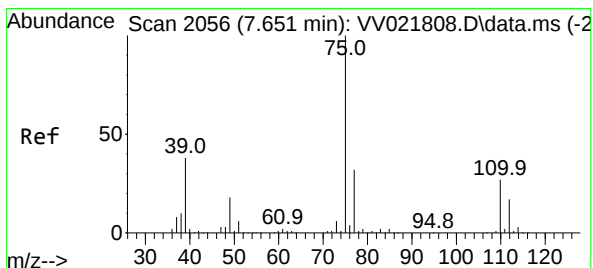
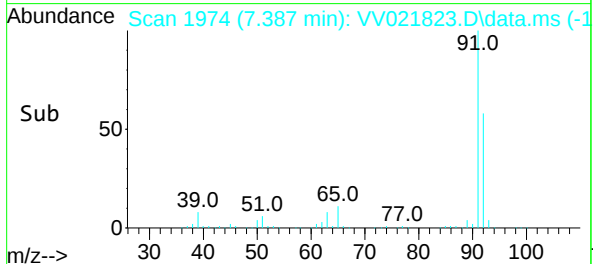
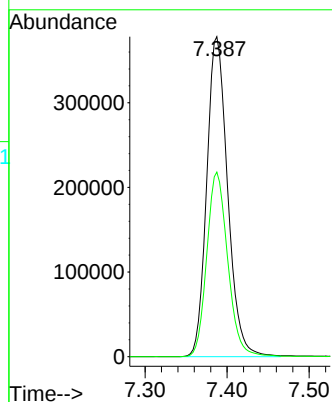
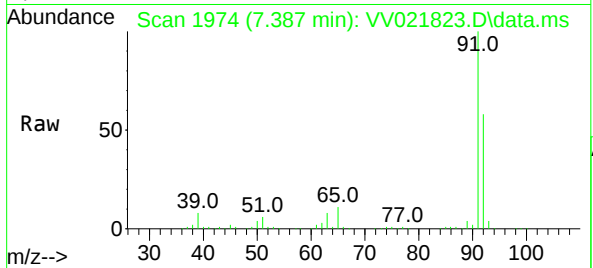




#42
Toluene
Concen: 48.510 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.000 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

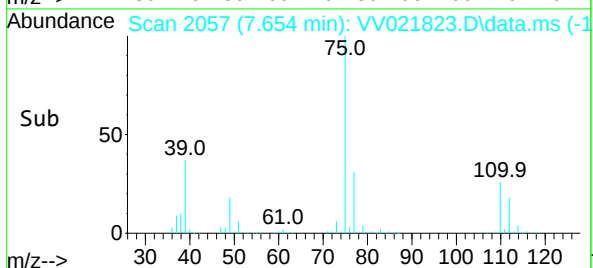
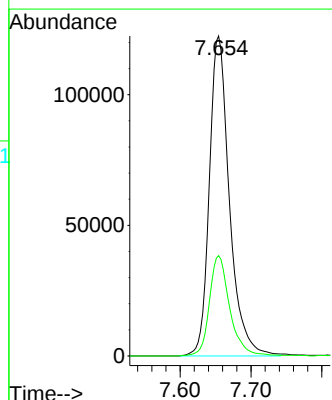
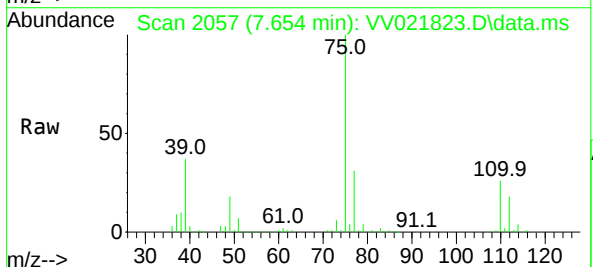
Instrument :
MSVOA_V
ClientSampled :

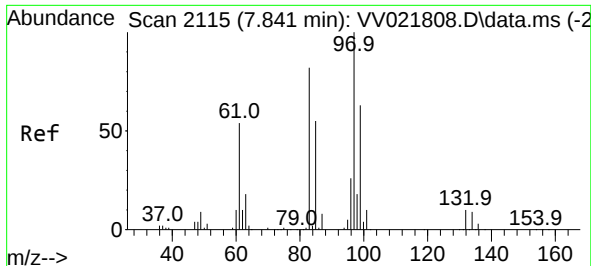
Tgt Ion: 91 Resp: 669798
Ion Ratio Lower Upper
91 100
92 57.7 40.1 74.5



#44
trans-1,3-Dichloropropene
Concen: 49.347 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

Tgt Ion: 75 Resp: 241053
Ion Ratio Lower Upper
75 100
77 31.3 22.2 41.2

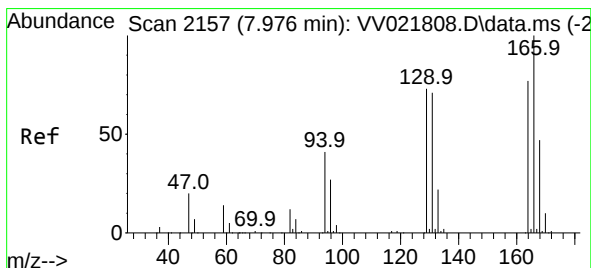
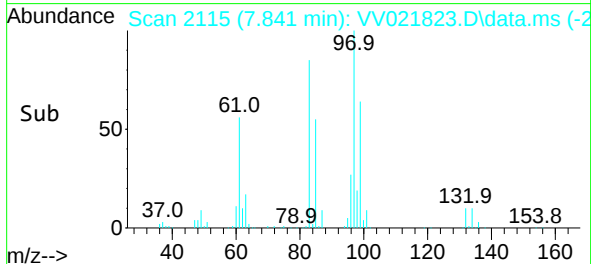
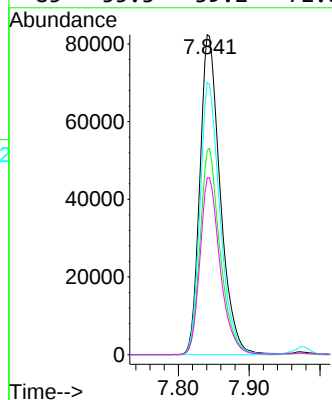
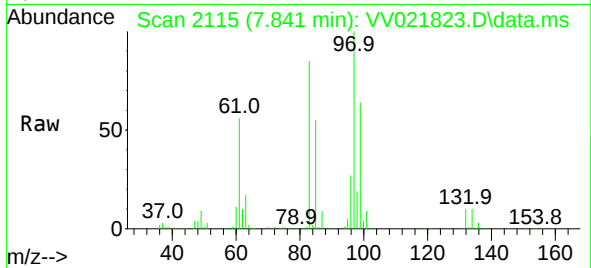




#45
1,1,2-Trichloroethane
Concen: 50.149 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

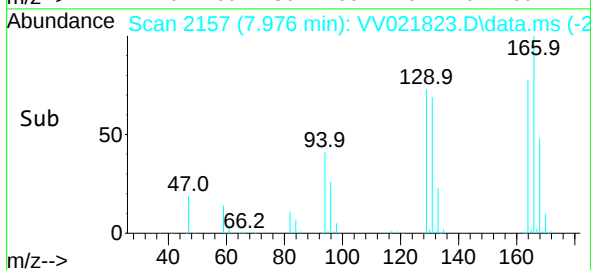
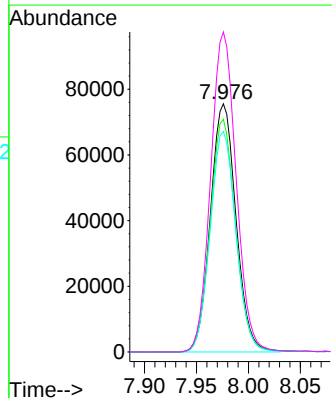
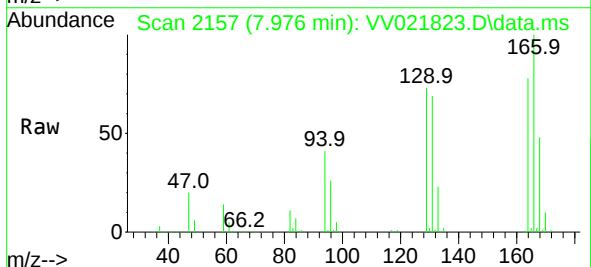
Instrument :
MSVOA_V
ClientSampleId :

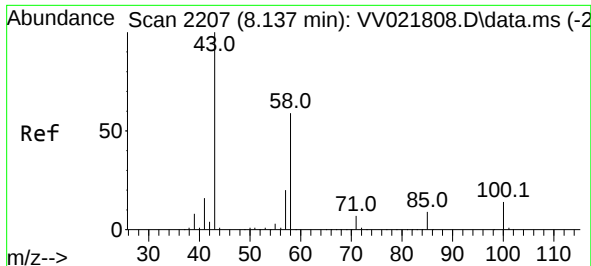
Tgt Ion:	97	Resp:	164449
Ion	Ratio	Lower	Upper
97	100		
99	63.8	44.2	82.0
83	85.1	59.2	110.0
85	55.3	39.2	72.8



#46
Tetrachloroethene
Concen: 46.887 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

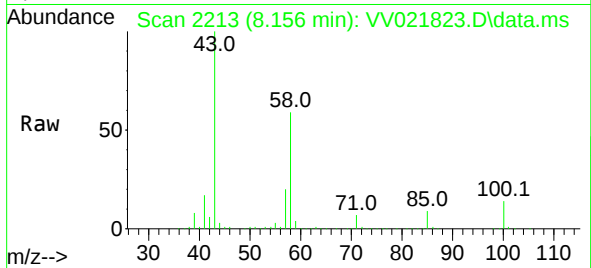
Tgt Ion:	164	Resp:	129453
Ion	Ratio	Lower	Upper
164	100		
129	93.8	63.7	118.3
131	88.9	61.5	114.3
166	129.0	88.6	164.6



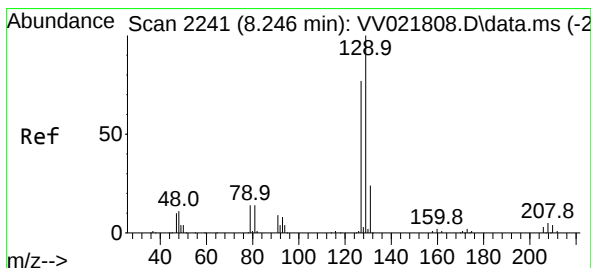
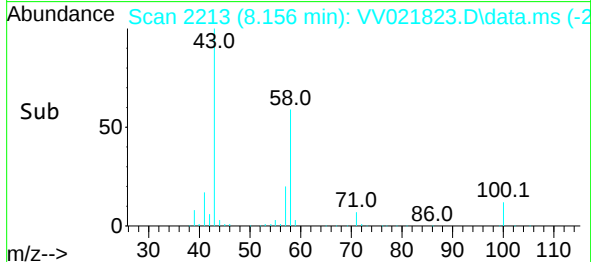
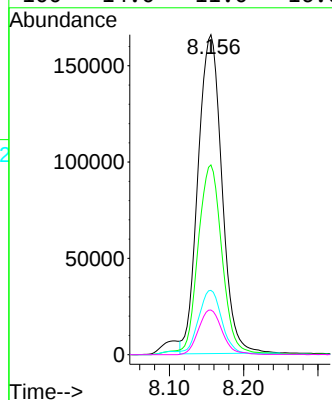


#48
2-Hexanone
Concen: 106.032 ug/L
RT: 8.156 min Scan# 2213
Delta R.T. 0.019 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

Instrument :
MSVOA_V
ClientSampleId :

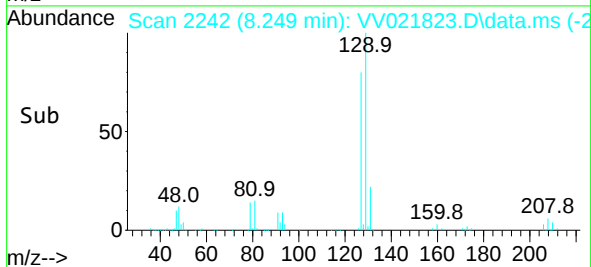
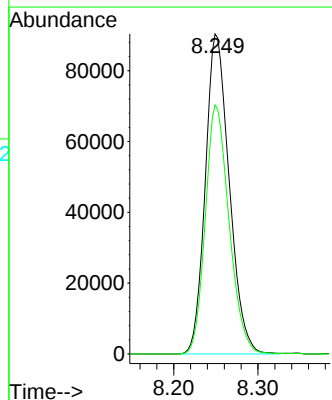
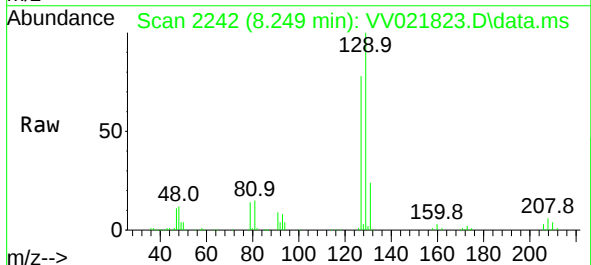


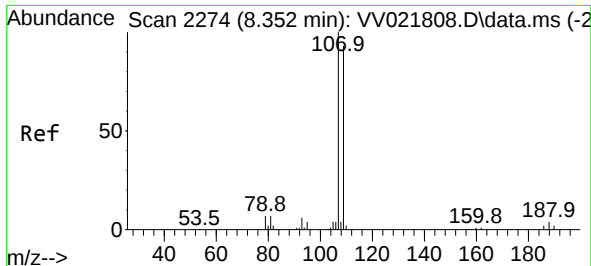
Tgt Ion:	43	Resp:	369837
Ion Ratio	100	Lower	Upper
58	60.5	45.4	68.2
57	19.3	15.3	22.9
100	14.0	11.0	16.6



#49
Dibromochloromethane
Concen: 49.291 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

Tgt Ion:	129	Resp:	178464
Ion Ratio	100	Lower	Upper
127	77.9	54.9	101.9





#50

1,2-Dibromoethane

Concen: 49.950 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.003 min

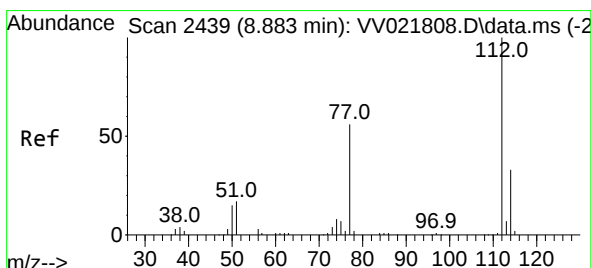
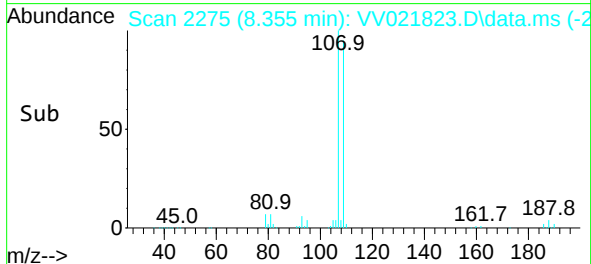
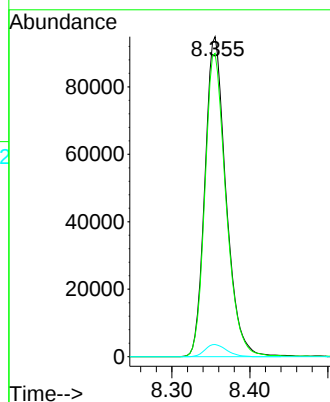
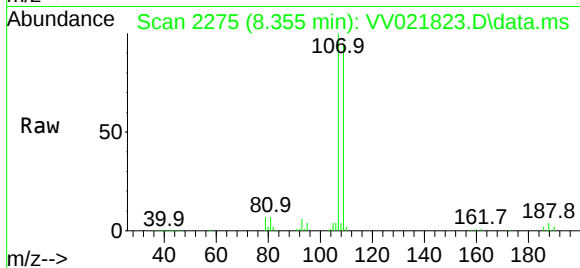
Lab File: VV021823.D

Acq: 17 Aug 2021 18:35

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:107 Resp: 178250

Ion	Ratio	Lower	Upper
107	100		
109	94.8	66.3	123.1
188	4.0	3.0	4.4



#51

Chlorobenzene

Concen: 49.232 ug/L

RT: 8.883 min Scan# 2439

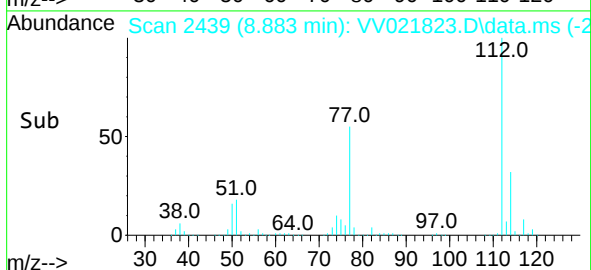
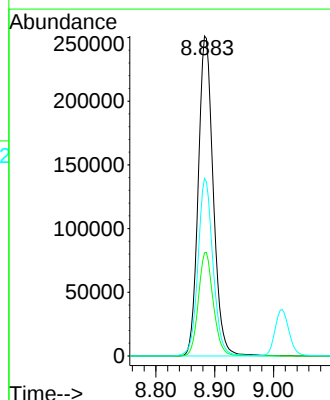
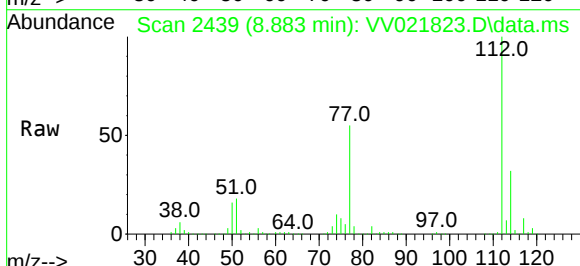
Delta R.T. -0.000 min

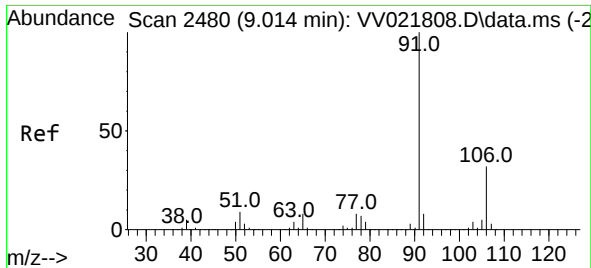
Lab File: VV021823.D

Acq: 17 Aug 2021 18:35

Tgt Ion:112 Resp: 443826

Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.2	41.2
77	55.5	43.7	65.5

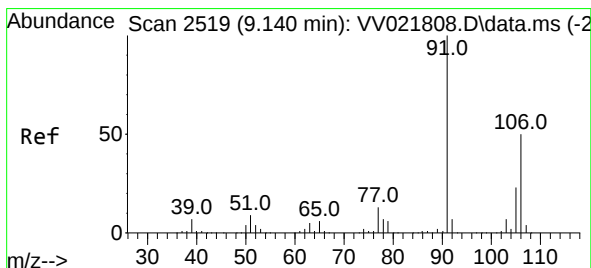
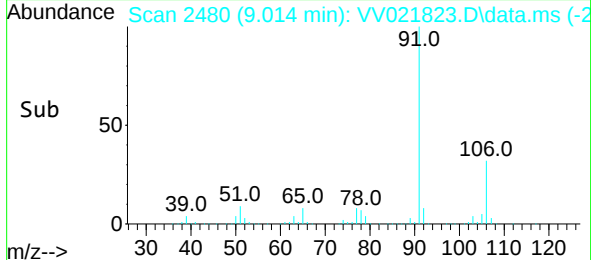
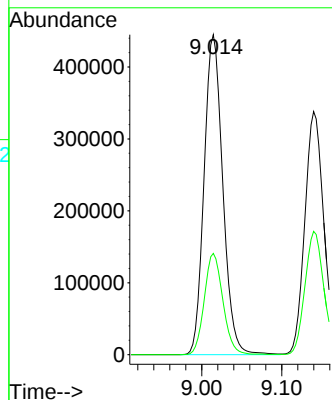
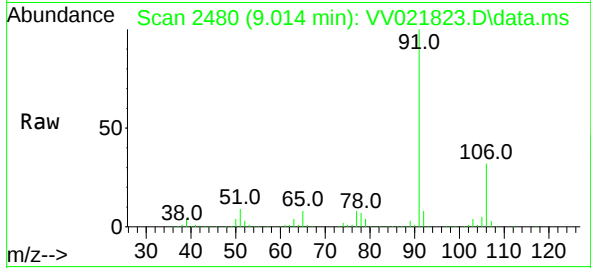




#52
Ethylbenzene
Concen: 49.269 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

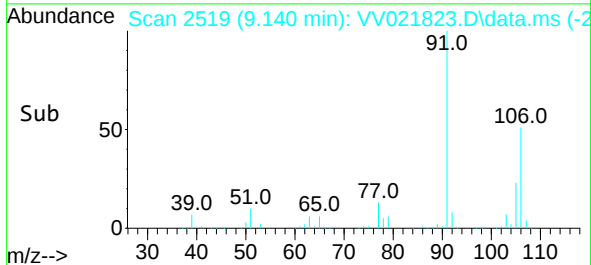
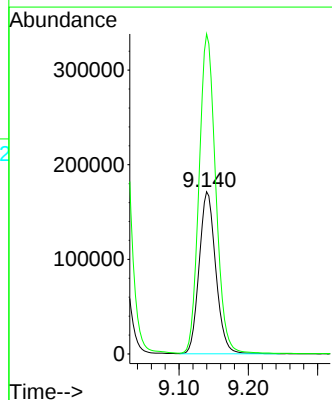
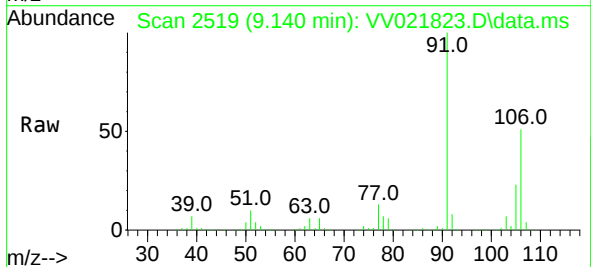
Instrument :
MSVOA_V
ClientSampled :

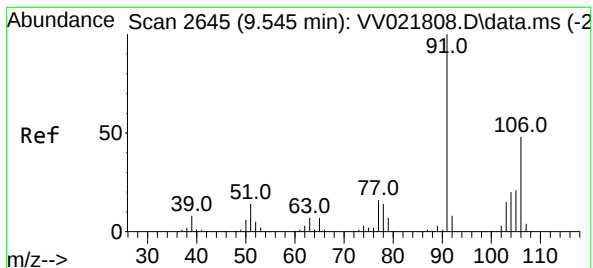
Tgt Ion: 91 Resp: 725755
Ion Ratio Lower Upper
91 100
106 31.7 22.2 41.2



#53
m,p-Xylene
Concen: 49.911 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

Tgt Ion: 106 Resp: 284939
Ion Ratio Lower Upper
106 100
91 197.2 139.2 258.6





#54

o-Xylene

Concen: 50.016 ug/L

RT: 9.545 min Scan# 2645

Delta R.T. -0.000 min

Lab File: VV021823.D

Acq: 17 Aug 2021 18:35

Tgt Ion:106 Resp: 283036

Ion Ratio Lower Upper

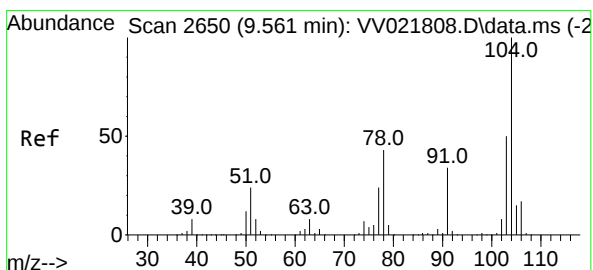
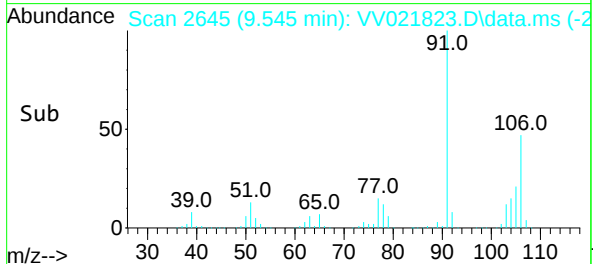
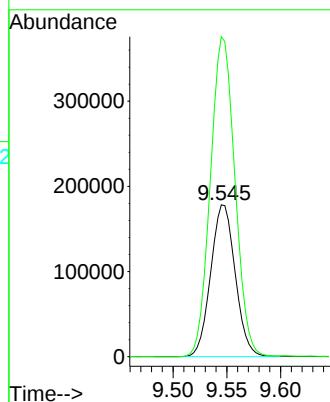
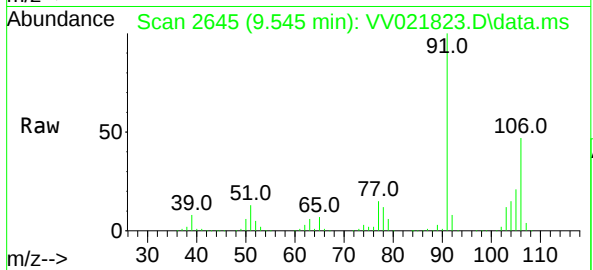
106 100

91 210.8 148.1 275.0

Instrument :

MSVOA_V

ClientSampled :



#55

Styrene

Concen: 52.076 ug/L

RT: 9.564 min Scan# 2651

Delta R.T. 0.003 min

Lab File: VV021823.D

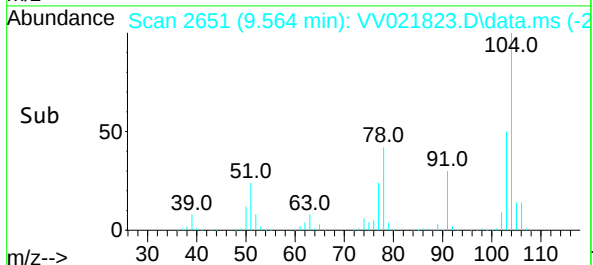
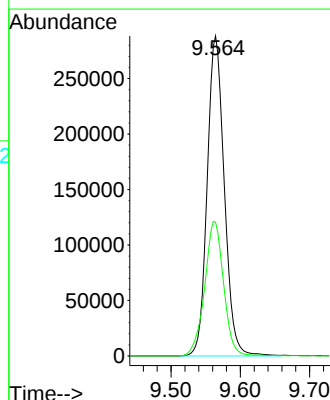
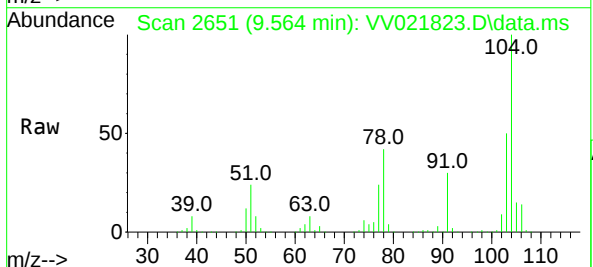
Acq: 17 Aug 2021 18:35

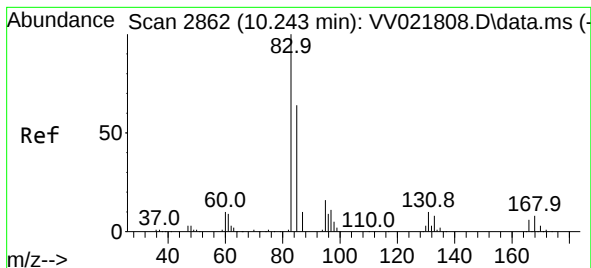
Tgt Ion:104 Resp: 493483

Ion Ratio Lower Upper

104 100

78 41.8 30.2 56.2

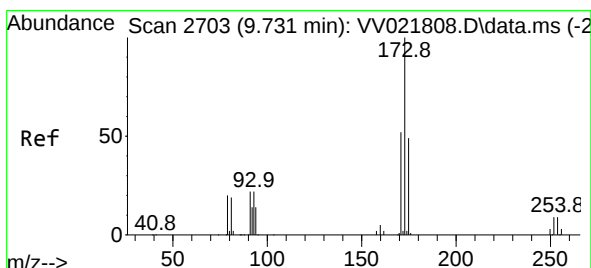
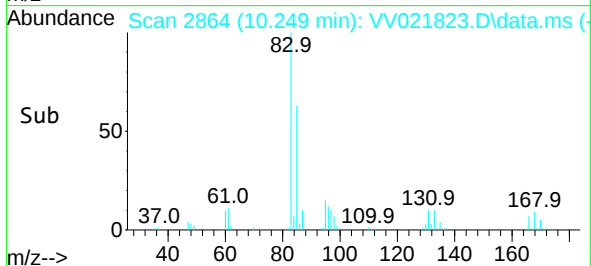
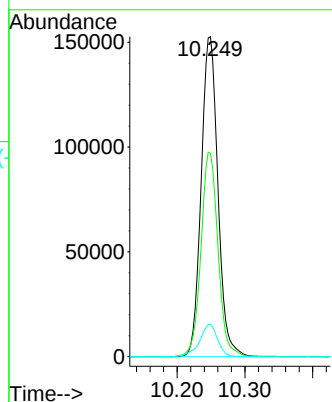
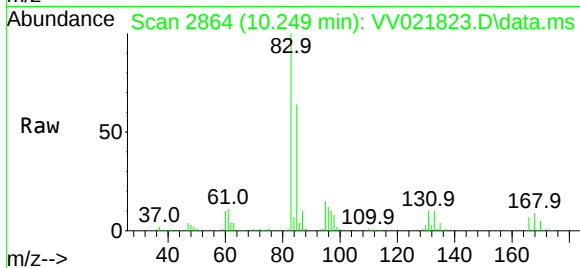




#57
1,1,2,2-Tetrachloroethane
Concen: 57.423 ug/L
RT: 10.249 min Scan# 2864
Delta R.T. 0.006 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

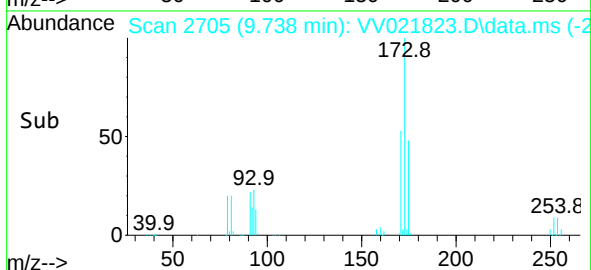
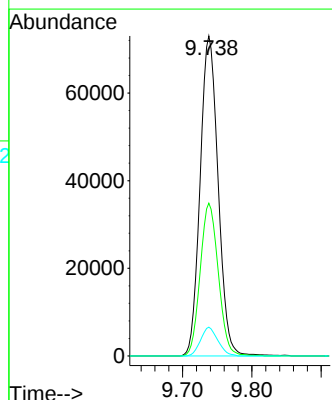
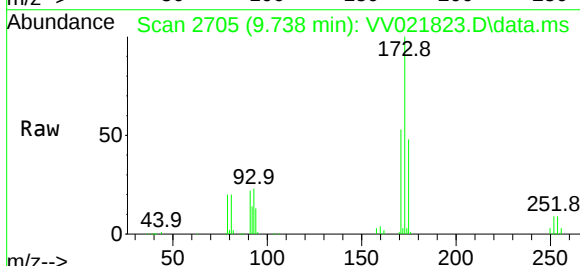
Instrument :
MSVOA_V
ClientSampleId :

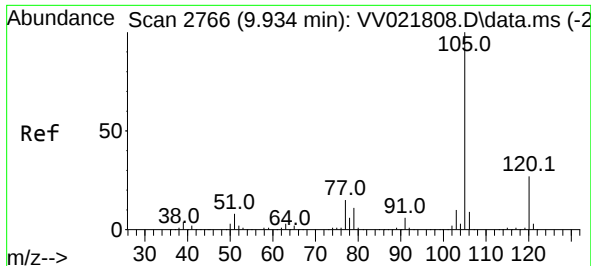
Tgt Ion: 83 Resp: 262138
Ion Ratio Lower Upper
83 100
85 63.6 44.4 82.5
131 10.2 7.9 11.9



#59
Bromoform
Concen: 47.755 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.006 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

Tgt Ion: 173 Resp: 131701
Ion Ratio Lower Upper
173 100
175 47.9 38.6 58.0
254 8.6 7.2 10.8

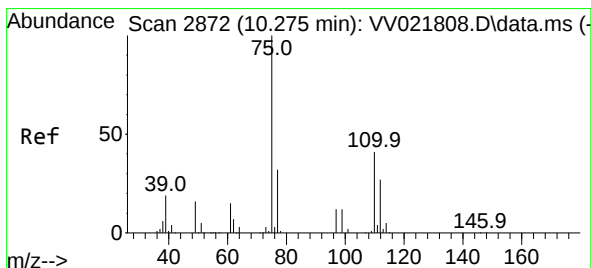
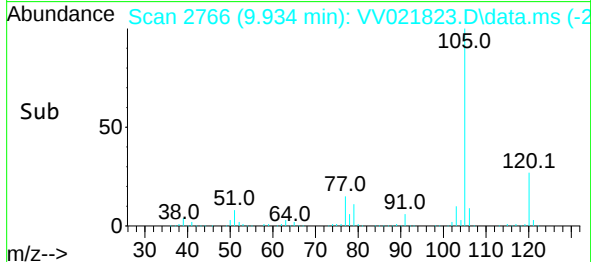
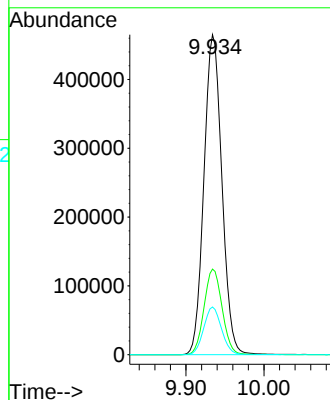
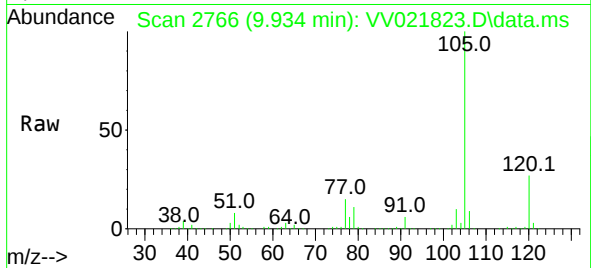




#60
Isopropylbenzene
Concen: 47.839 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

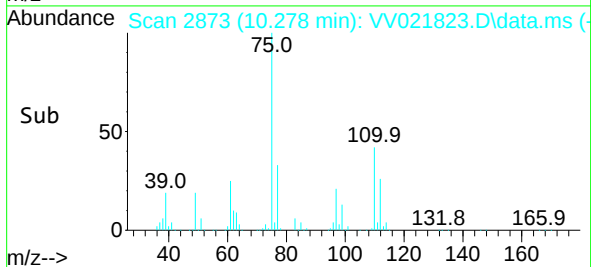
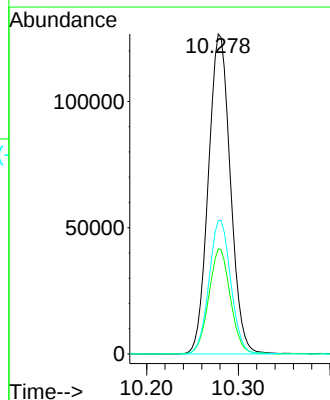
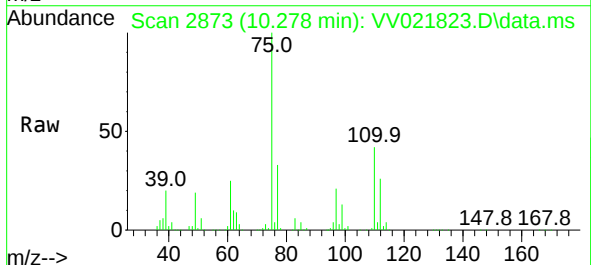
Instrument :
MSVOA_V
ClientSampleId :

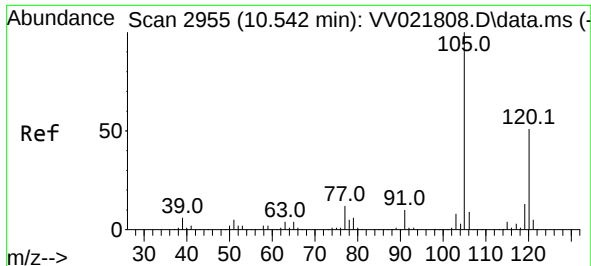
Tgt Ion:105 Resp: 744058
Ion Ratio Lower Upper
105 100
120 26.8 21.3 31.9
77 14.9 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 49.322 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

Tgt Ion: 75 Resp: 211455
Ion Ratio Lower Upper
75 100
77 32.3 25.5 38.3
110 41.3 33.4 50.2

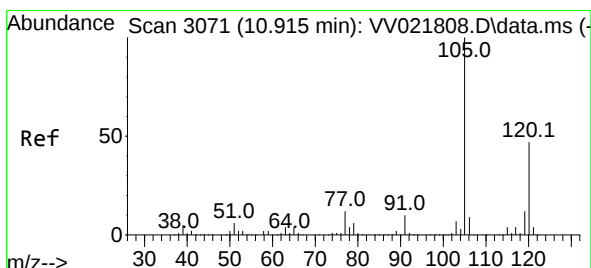
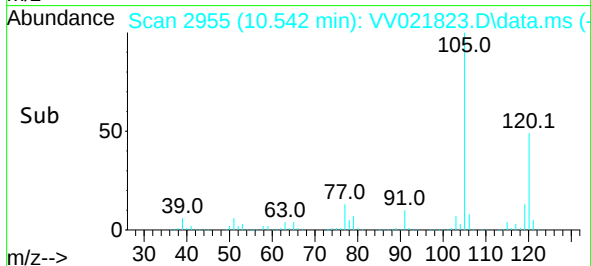
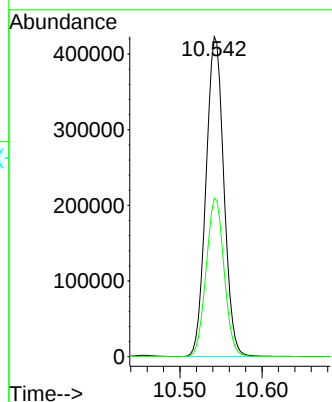
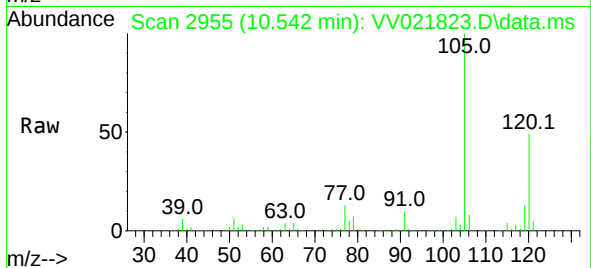




#62
1,3,5-Trimethylbenzene
Concen: 49.031 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

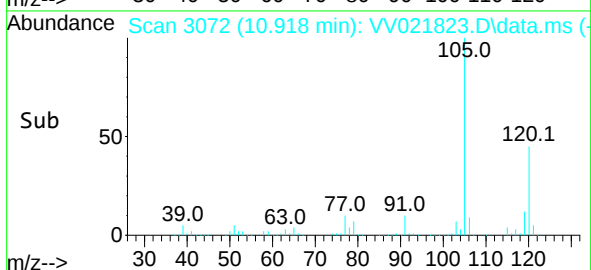
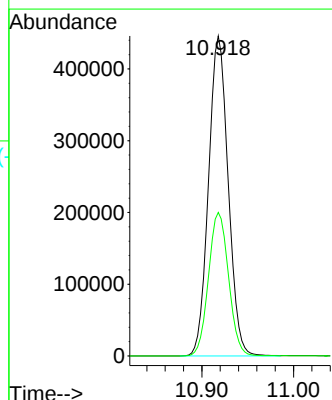
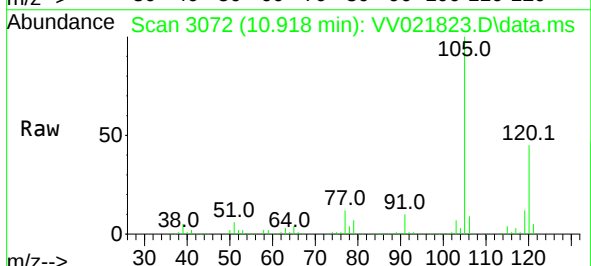
Instrument :
MSVOA_V
ClientSampleId :

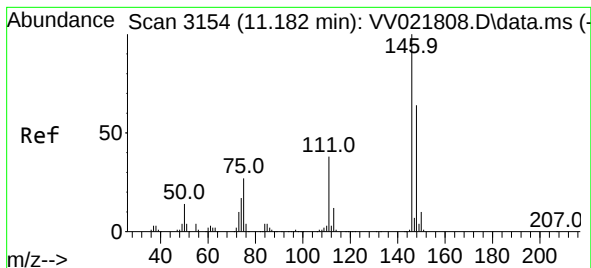
Tgt Ion:105 Resp: 639952
Ion Ratio Lower Upper
105 100
120 49.9 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 49.983 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

Tgt Ion:105 Resp: 663322
Ion Ratio Lower Upper
105 100
120 45.8 37.3 55.9





#64

1,3-Dichlorobenzene

Concen: 48.115 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.003 min

Lab File: VV021823.D

Acq: 17 Aug 2021 18:35

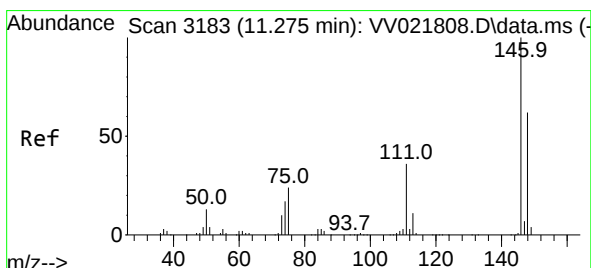
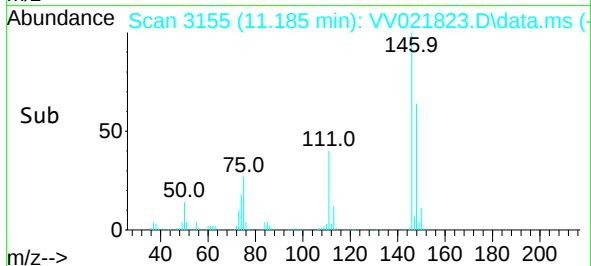
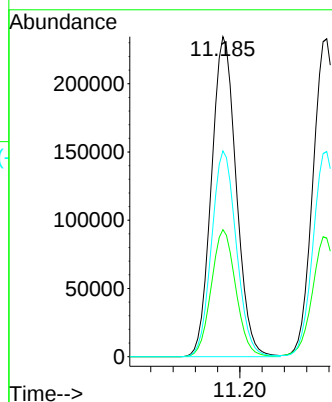
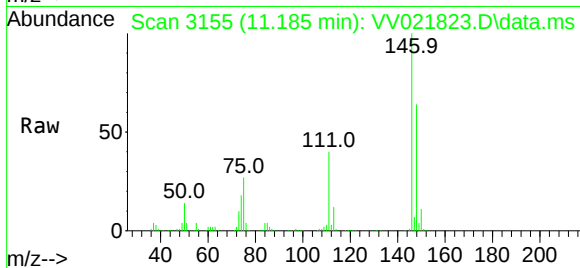
Tgt Ion:146 Resp: 362407

Ion Ratio Lower Upper

146 100

111 39.7 26.5 49.1

148 64.3 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 48.651 ug/L

RT: 11.278 min Scan# 3184

Delta R.T. 0.003 min

Lab File: VV021823.D

Acq: 17 Aug 2021 18:35

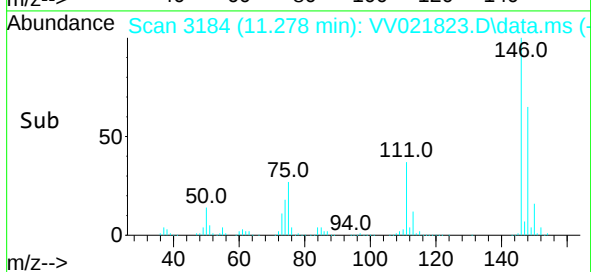
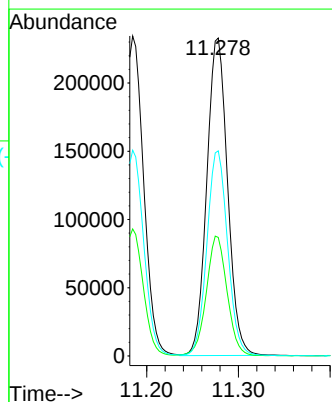
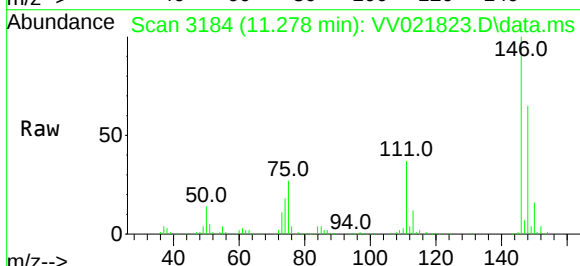
Tgt Ion:146 Resp: 365778

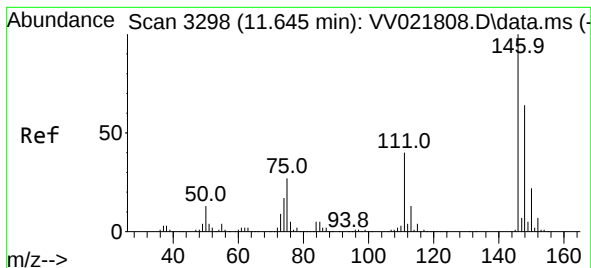
Ion Ratio Lower Upper

146 100

111 37.3 26.2 48.6

148 64.5 45.1 83.9

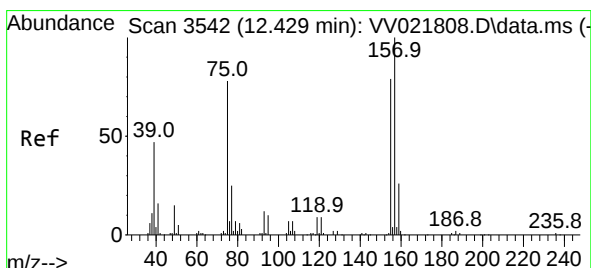
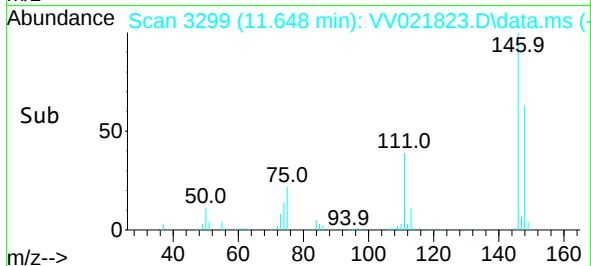
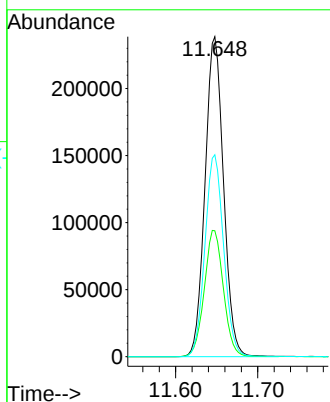
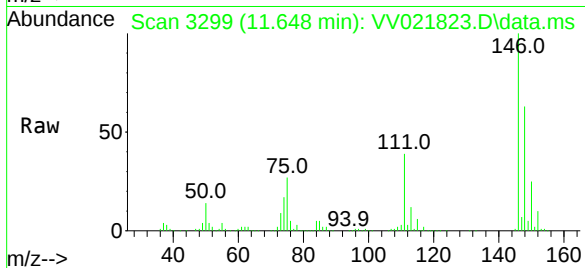




#67
1,2-Dichlorobenzene
Concen: 49.306 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.003 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

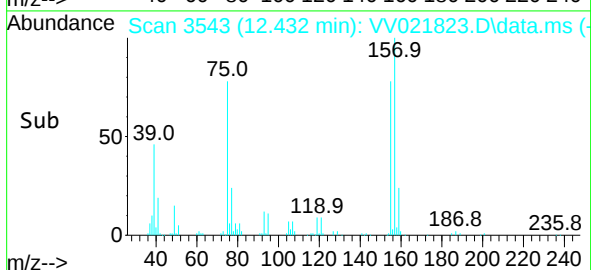
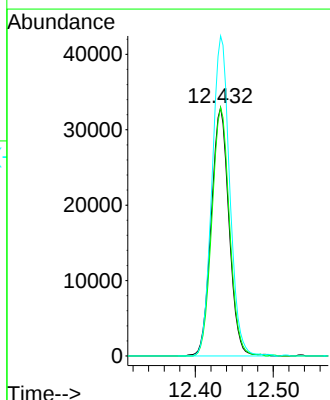
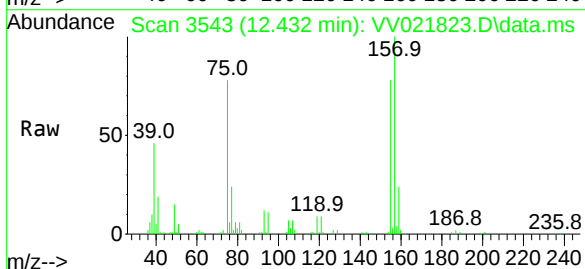
Instrument :
MSVOA_V
ClientSampleId :

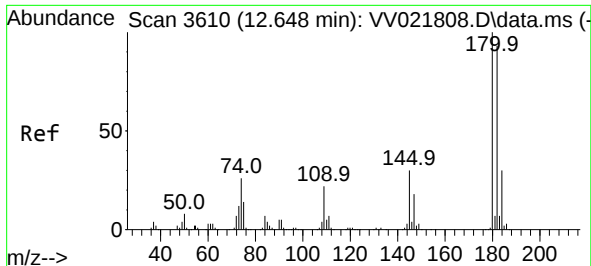
Tgt Ion:146 Resp: 374639
Ion Ratio Lower Upper
146 100
111 39.4 31.8 47.8
148 63.1 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 50.127 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

Tgt Ion: 75 Resp: 52251
Ion Ratio Lower Upper
75 100
155 100.1 77.8 116.8
157 128.9 99.4 149.0





#69

1,3,5-Trichlorobenzene

Concen: 48.501 ug/L

RT: 12.648 min Scan# 3610

Delta R.T. -0.000 min

Lab File: VV021823.D

Acq: 17 Aug 2021 18:35

Tgt Ion:180 Resp: 264804

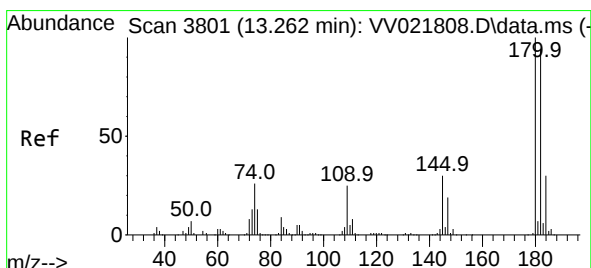
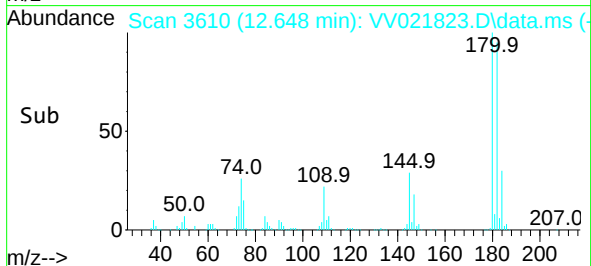
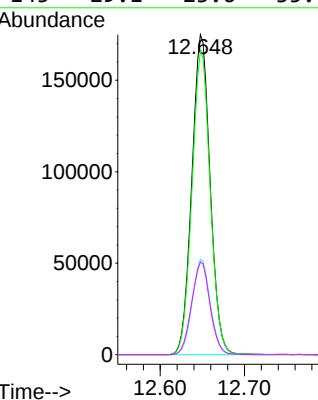
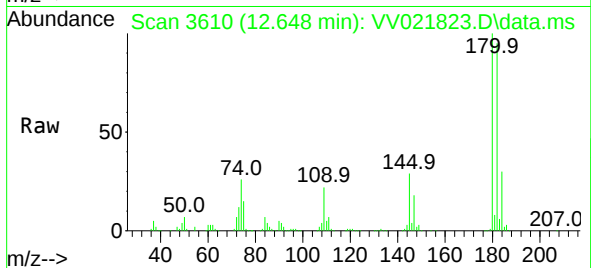
Ion Ratio Lower Upper

180 100

182 94.8 76.8 115.2

184 29.6 24.1 36.1

145 29.1 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 47.472 ug/L

RT: 13.265 min Scan# 3802

Delta R.T. 0.003 min

Lab File: VV021823.D

Acq: 17 Aug 2021 18:35

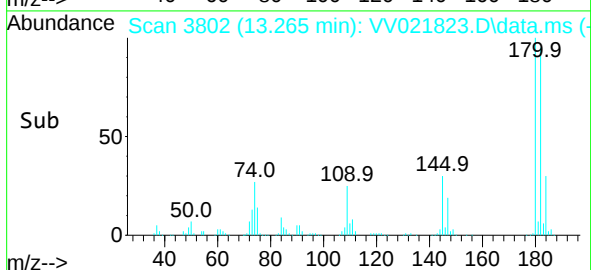
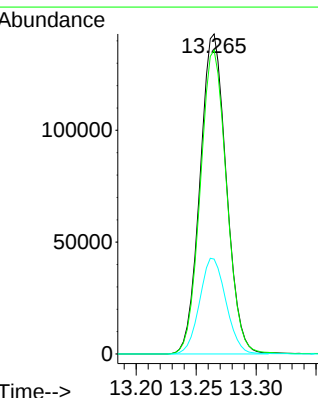
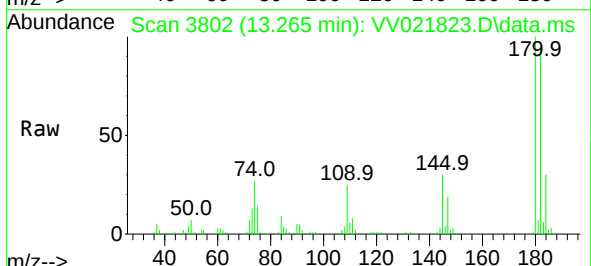
Tgt Ion:180 Resp: 217376

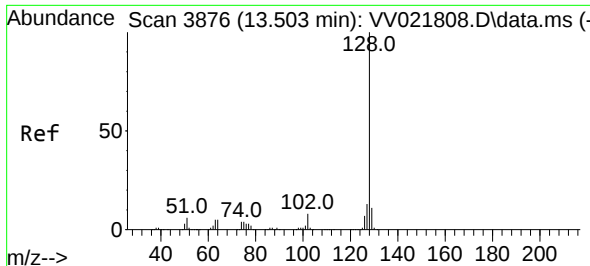
Ion Ratio Lower Upper

180 100

182 95.5 75.8 113.6

145 30.1 23.9 35.9

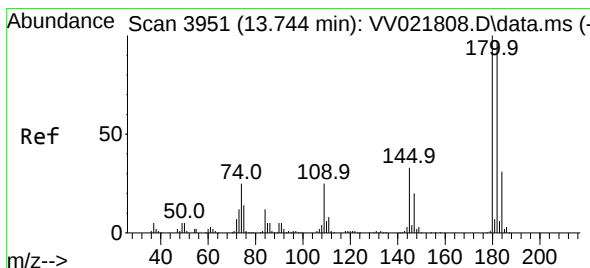
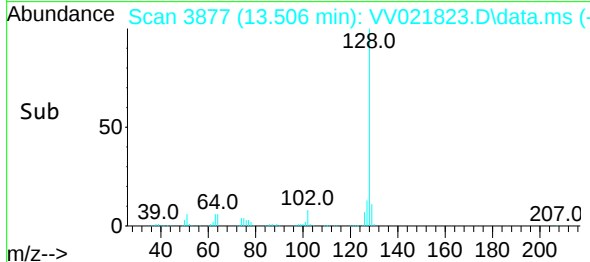
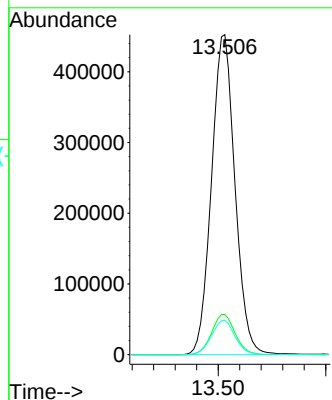
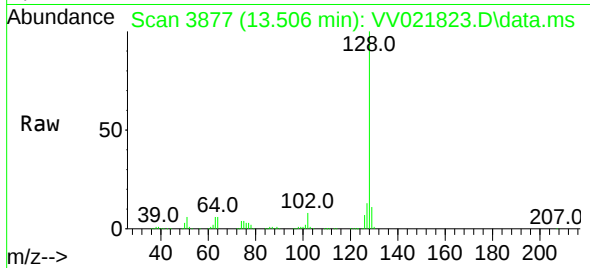




#71
Naphthalene
Concen: 51.449 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 684329
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 10.8 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 46.949 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV021823.D
Acq: 17 Aug 2021 18:35

Tgt Ion:180 Resp: 215967
Ion Ratio Lower Upper
180 100
182 95.9 76.2 114.2
145 32.3 25.6 38.4

