

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052821\
 Data File : VW021451.D
 Acq On : 28 May 2021 13:13
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 29 00:51:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 29 00:49:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	491589	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	458497	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	267846	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	133169	41.15	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	82.30%	
7) Chloroethane-d5	1.568	69	102265	42.48	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	84.96%	
11) 1,1-Dichloroethene-d2	2.108	63	238305	43.09	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	86.18%	
21) 2-Butanone-d5	3.880	46	223172	96.16	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	96.16%	
24) Chloroform-d	4.346	84	287817	44.67	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.34%	
26) 1,2-Dichloroethane-d4	5.027	65	167505	45.14	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.28%	
32) Benzene-d6	5.047	84	571869	44.58	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.16%	
36) 1,2-Dichloropropane-d6	6.066	67	178096	44.96	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	89.92%	
41) Toluene-d8	7.314	98	541259	44.29	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	88.58%	
43) trans-1,3-Dichloroprop...	7.619	79	94843	44.74	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	89.48%	
47) 2-Hexanone-d5	8.085	63	171334	94.20	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	94.20%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	251293	45.70	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	91.40%	
66) 1,2-Dichlorobenzene-d4	11.622	152	247029	44.37	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	88.74%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	154182	45.25	ug/L	100
3) Chloromethane	1.240	50	151061	44.50	ug/L	100
5) Vinyl chloride	1.311	62	160483	46.07	ug/L	99
6) Bromomethane	1.523	94	108370	45.42	ug/L	97
8) Chloroethane	1.584	64	88558	44.71	ug/L	100
9) Trichlorofluoromethane	1.751	101	237560	45.97	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	139609	46.48	ug/L	99
12) 1,1-Dichloroethene	2.118	96	132300	45.86	ug/L	93
13) Acetone	2.429	43	148505	74.37	ug/L	100
14) Carbon disulfide	2.294	76	410303	45.11	ug/L	100
15) Methyl Acetate	2.429	43	155087	45.33	ug/L	98
16) Methylene chloride	2.507	84	160343	44.36	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	153740	46.71	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	478028	45.81	ug/L	100
19) 1,1-Dichloroethane	3.188	63	267027	45.78	ug/L	99
20) cis-1,2-Dichloroethene	3.909	96	167872	45.59	ug/L	98
22) 2-Butanone	3.966	43	239529	94.69	ug/L	100
23) Bromochloromethane	4.246	128	92481	45.34	ug/L	97
25) Chloroform	4.372	83	272729	45.18	ug/L	99

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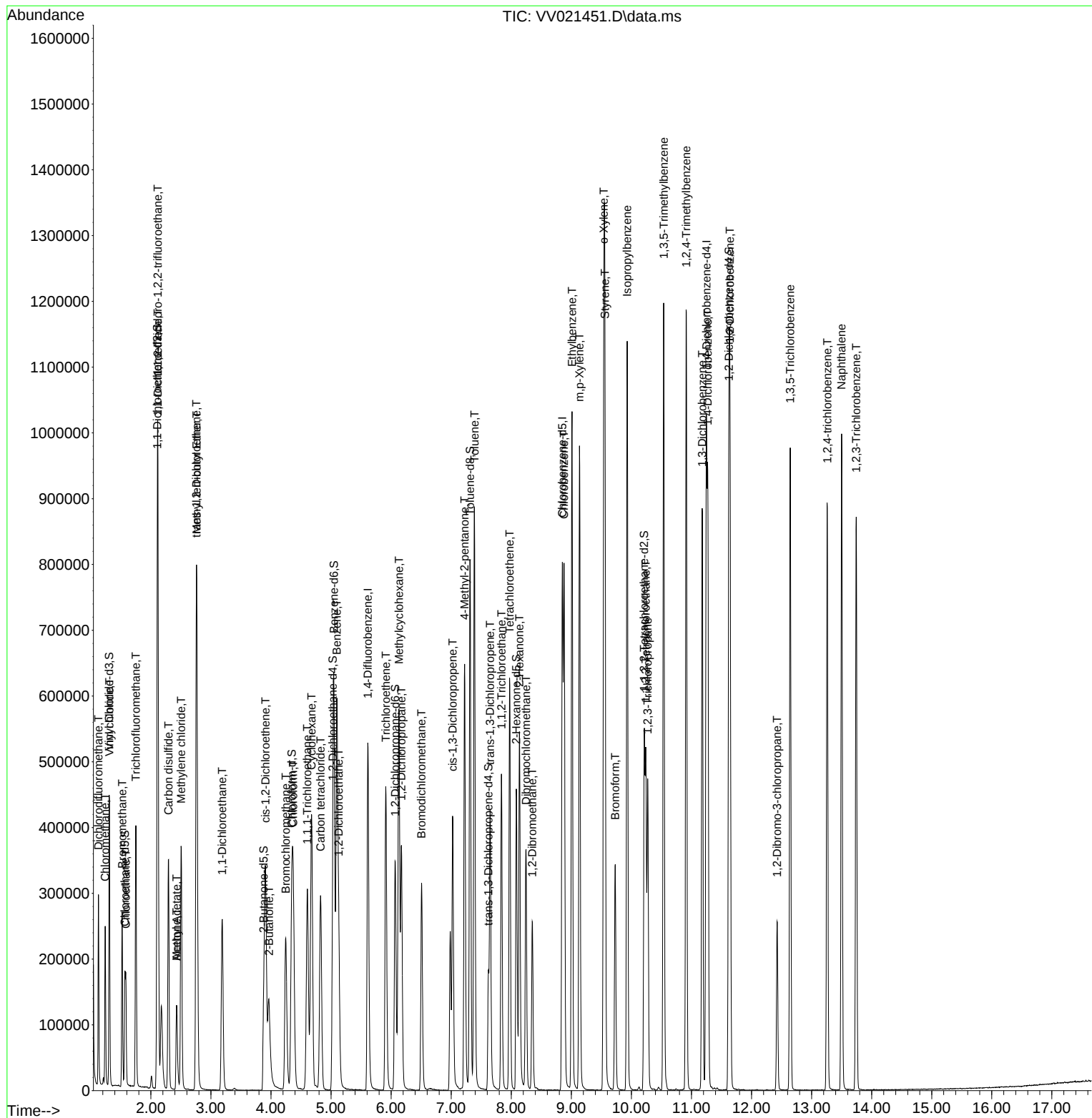
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	190148	45.60	ug/L	97
29) Cyclohexane	4.674	56	244651	45.80	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	256076	45.24	ug/L	99
31) Carbon tetrachloride	4.825	117	233687	45.48	ug/L	99
33) Benzene	5.095	78	596697	45.47	ug/L	100
34) Trichloroethene	5.912	95	164459	46.10	ug/L	99
35) Methylcyclohexane	6.130	83	262385	45.82	ug/L	99
37) 1,2-Dichloropropane	6.172	63	151933	45.41	ug/L	100
38) Bromodichloromethane	6.506	83	213159	45.40	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	257363	45.75	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	420657	92.72	ug/L	99
42) Toluene	7.387	91	667089	45.82	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	246064	46.24	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	154792	45.58	ug/L	99
46) Tetrachloroethene	7.973	164	151324	46.14	ug/L	98
48) 2-Hexanone	8.137	43	332523	95.57	ug/L	99
49) Dibromochloromethane	8.246	129	193299	45.46	ug/L	99
50) 1,2-Dibromoethane	8.349	107	173646	46.46	ug/L	99
51) Chlorobenzene	8.879	112	443208	46.05	ug/L	99
52) Ethylbenzene	9.011	91	737394	46.12	ug/L	99
53) m,p-Xylene	9.137	106	283655	46.17	ug/L	99
54) o-Xylene	9.542	106	277338	45.72	ug/L	99
55) Styrene	9.561	104	484496	46.41	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	242748	45.79	ug/L	100
59) Bromoform	9.731	173	166181	45.98	ug/L	100
60) Isopropylbenzene	9.931	105	755934	45.55	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	187306	44.51	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	648858	45.41	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	658781	45.64	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	386888	46.15	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	387012	45.72	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	381642	45.46	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	58532	44.64	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	327969	46.37	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	296438	46.92	ug/L	99
71) Naphthalene	13.500	128	798607	45.82	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	284301	46.23	ug/L	99

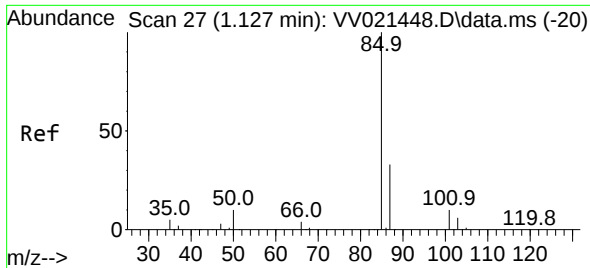
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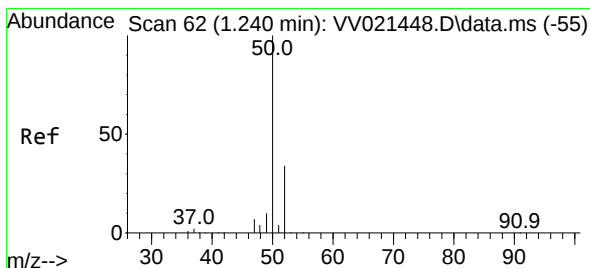
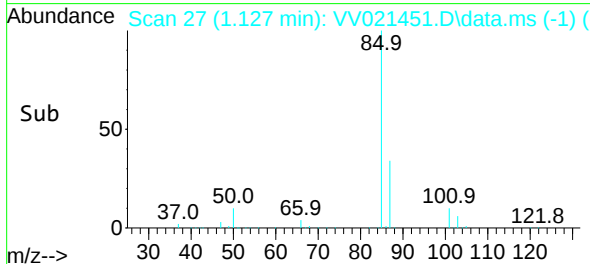
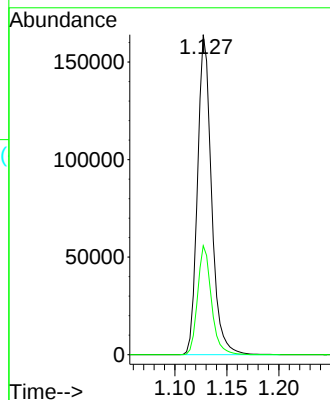
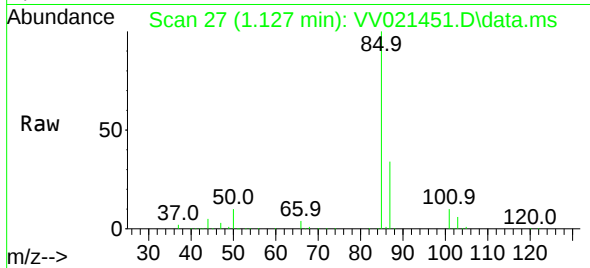




#2
 Dichlorodifluoromethane
 Concen: 45.25 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021451.D
 Acq: 28 May 2021 13:13

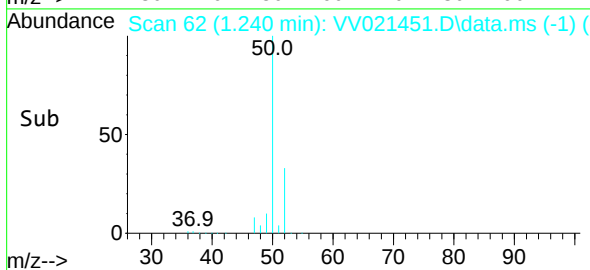
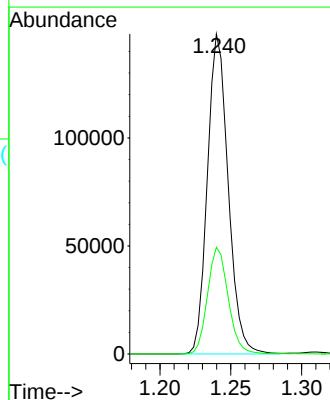
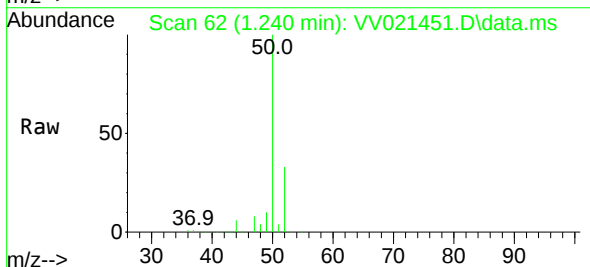
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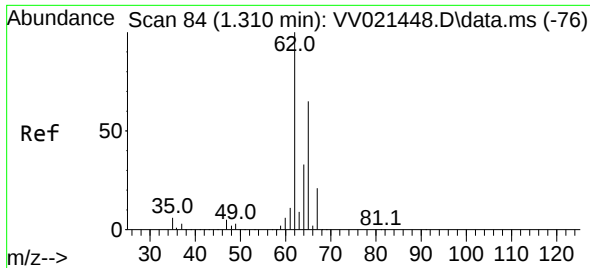
Tgt Ion: 85 Resp: 154182
 Ion Ratio Lower Upper
 85 100
 87 33.4 26.6 39.8



#3
 Chloromethane
 Concen: 44.50 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV021451.D
 Acq: 28 May 2021 13:13

Tgt Ion: 50 Resp: 151061
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.3 43.3

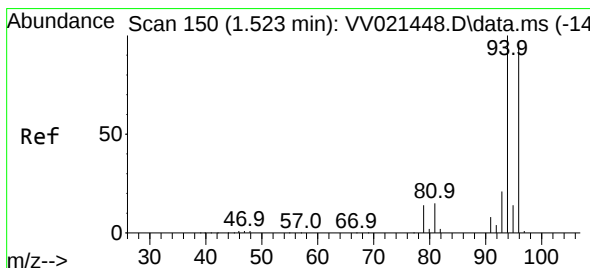
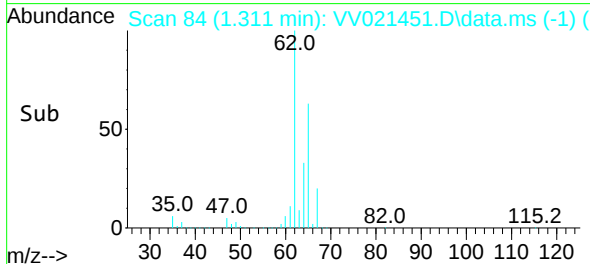
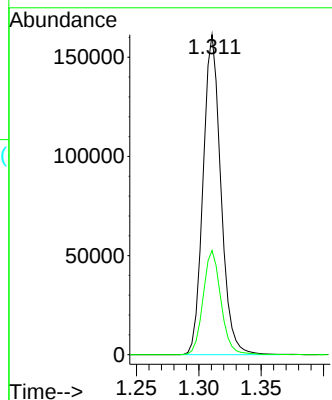
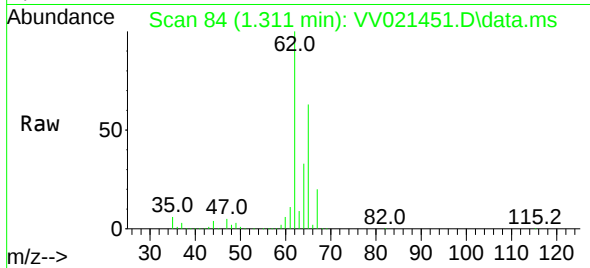




#5
 Vinyl chloride
 Concen: 46.07 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV021451.D
 Acq: 28 May 2021 13:13

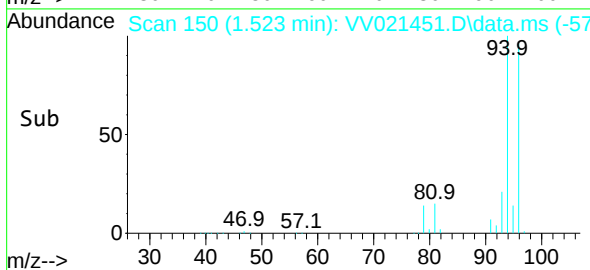
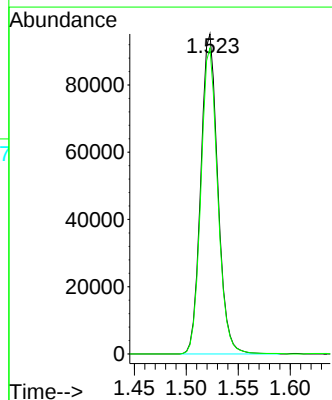
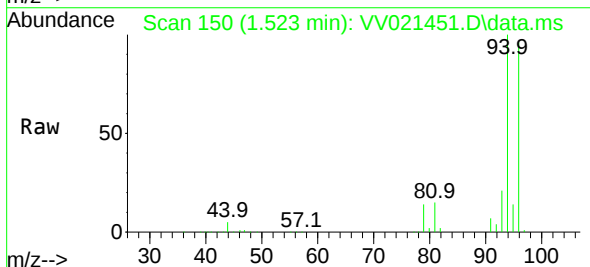
Instrument :
 MSVOA_V
 ClientSampled :

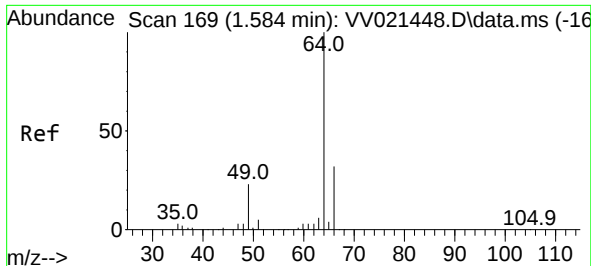
Tgt Ion: 62 Resp: 160483
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.1 42.9



#6
 Bromomethane
 Concen: 45.42 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV021451.D
 Acq: 28 May 2021 13:13

Tgt Ion: 94 Resp: 108370
 Ion Ratio Lower Upper
 94 100
 96 95.5 65.2 121.0

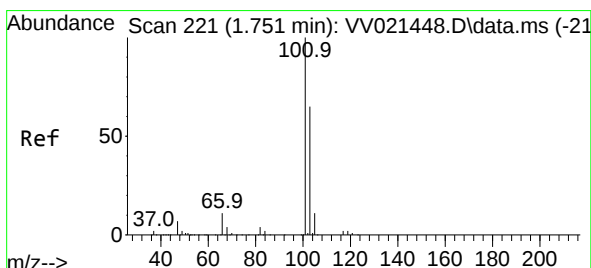
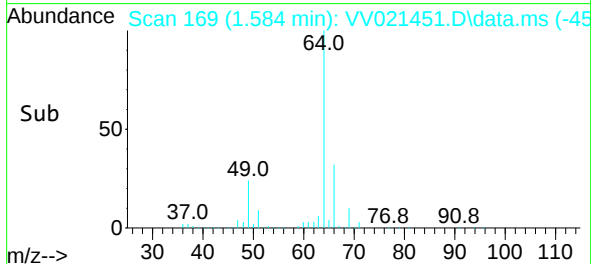
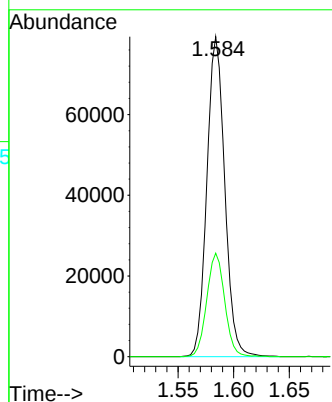
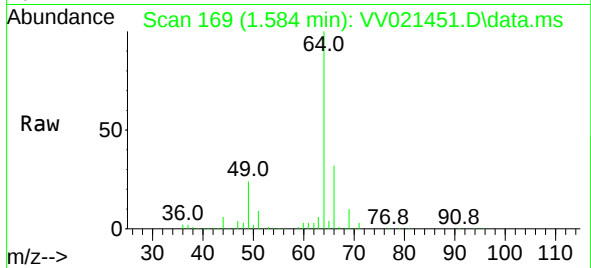




#8
Chloroethane
Concen: 44.71 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

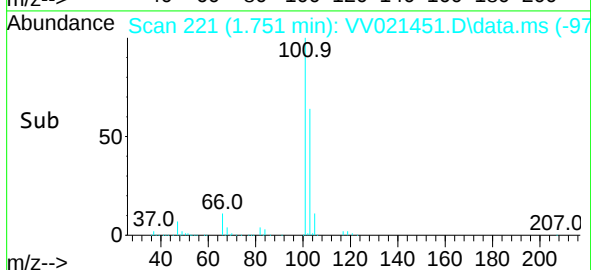
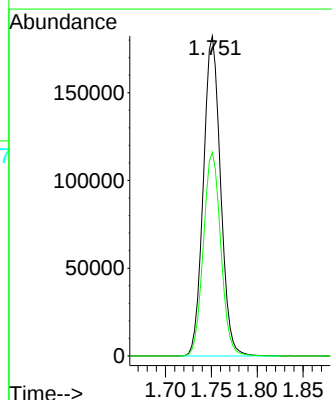
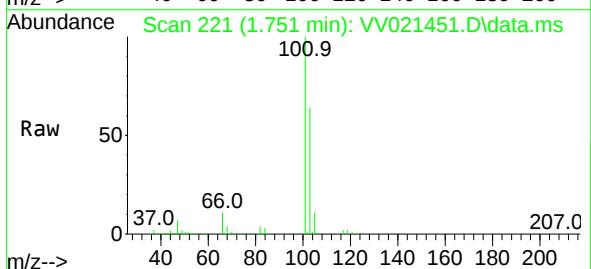
Instrument :
MSVOA_V
ClientSampled :

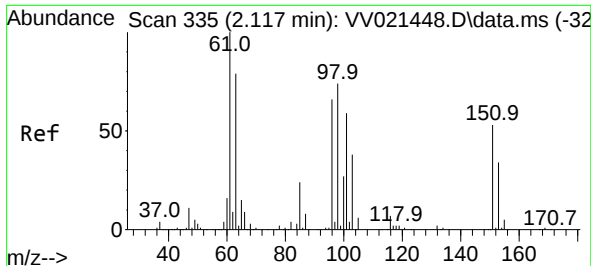
Tgt Ion: 64 Resp: 88558
Ion Ratio Lower Upper
64 100
66 32.3 22.5 41.9



#9
Trichlorofluoromethane
Concen: 45.97 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

Tgt Ion:101 Resp: 237560
Ion Ratio Lower Upper
101 100
103 64.4 52.1 78.1

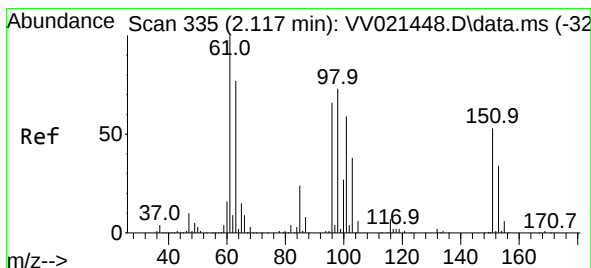
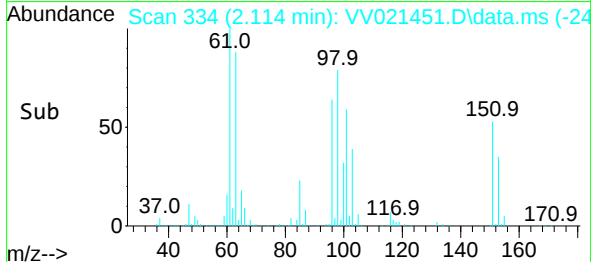
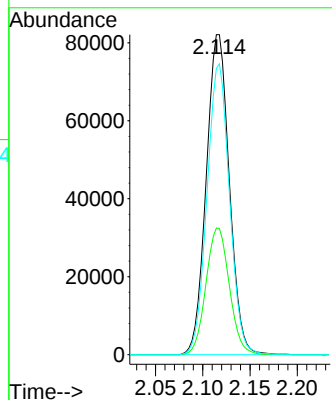
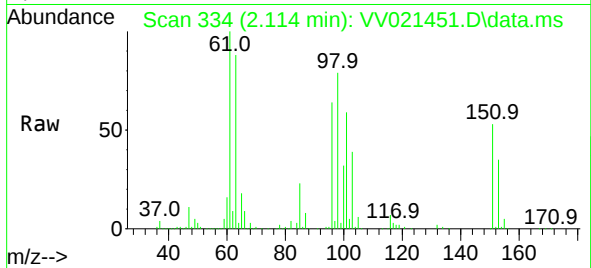




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.48 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV021451.D
 Acq: 28 May 2021 13:13

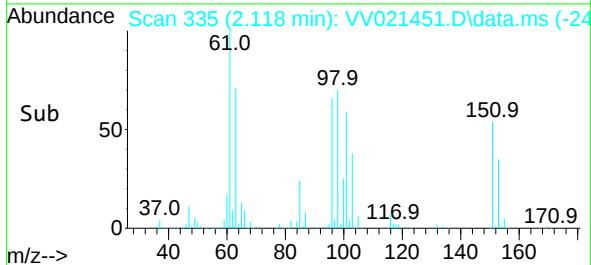
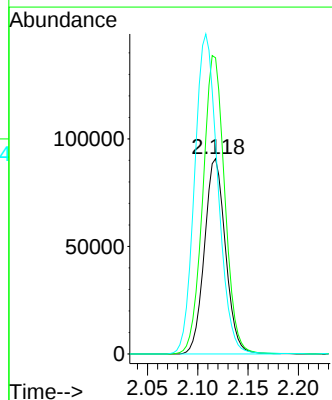
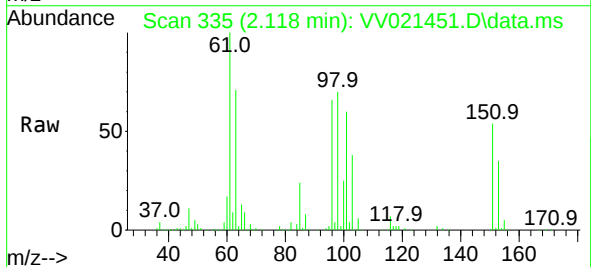
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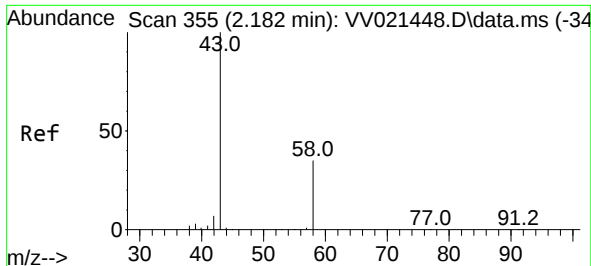
Tgt Ion:101 Resp: 139609
 Ion Ratio Lower Upper
 101 100
 85 40.1 32.6 49.0
 151 88.7 70.0 105.0



#12
 1,1-Dichloroethene
 Concen: 45.86 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV021451.D
 Acq: 28 May 2021 13:13

Tgt Ion: 96 Resp: 132300
 Ion Ratio Lower Upper
 96 100
 61 151.7 107.7 200.1
 63 108.0 86.6 160.8

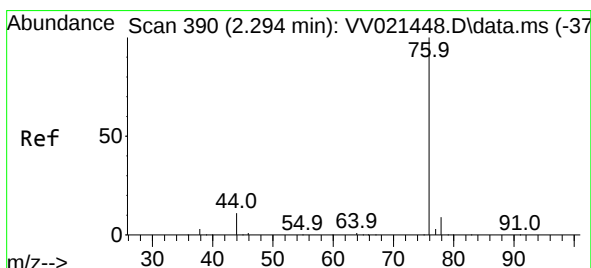
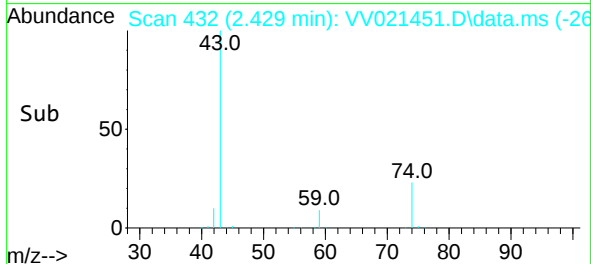
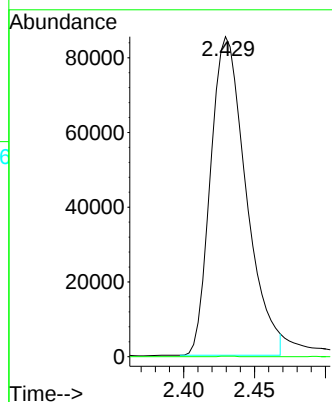
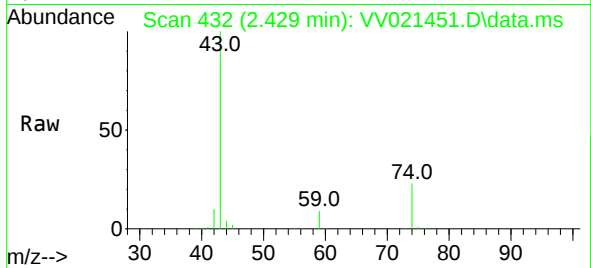




#13
Acetone
Concen: 74.37 ug/L
RT: 2.429 min Scan# 432
Delta R.T. 0.248 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

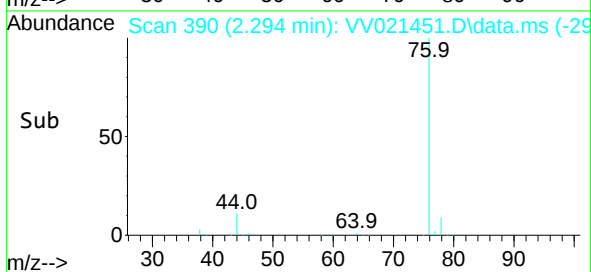
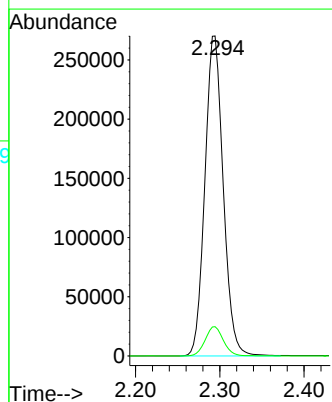
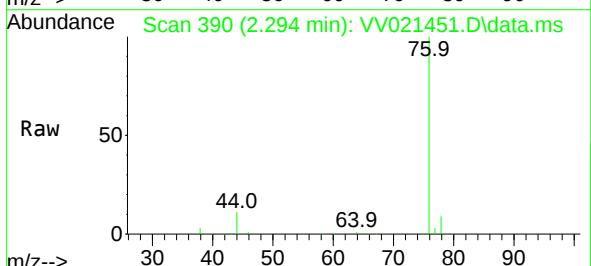
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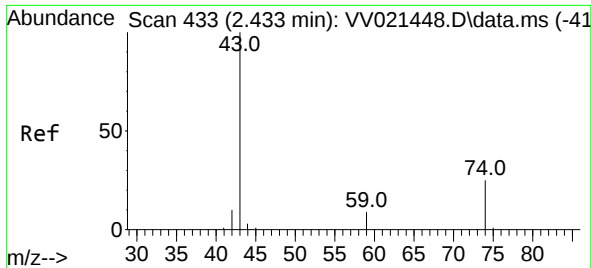
Tgt Ion: 43 Resp: 148505
Ion Ratio Lower Upper
43 100
58 0.1 0.0 0.2



#14
Carbon disulfide
Concen: 45.11 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

Tgt Ion: 76 Resp: 410303
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

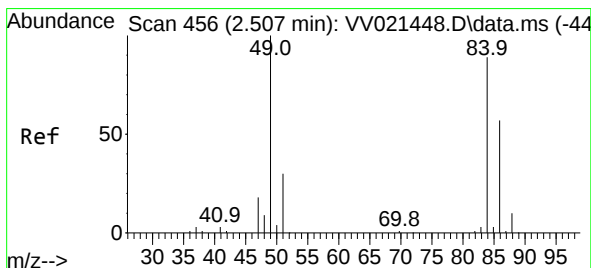
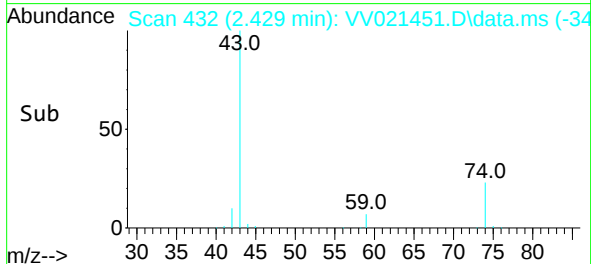
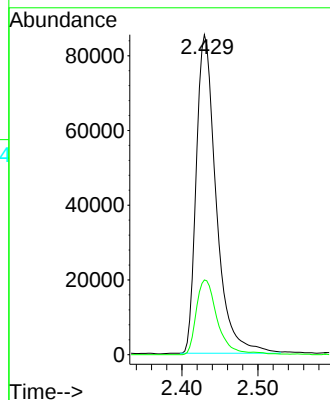
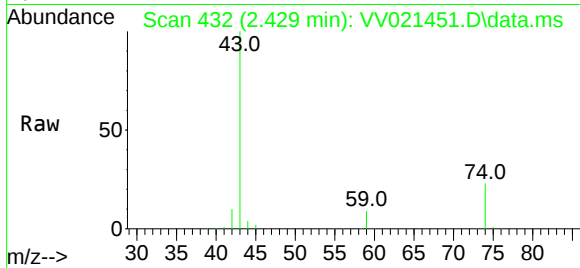




#15
Methyl Acetate
Concen: 45.33 ug/L
RT: 2.429 min Scan# 432
Delta R.T. -0.003 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

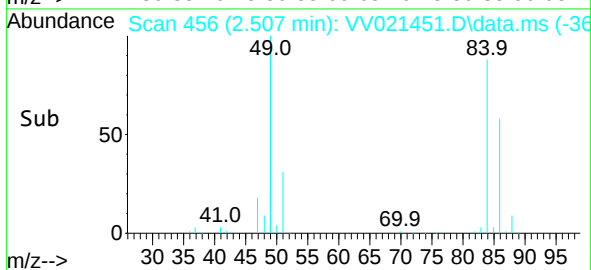
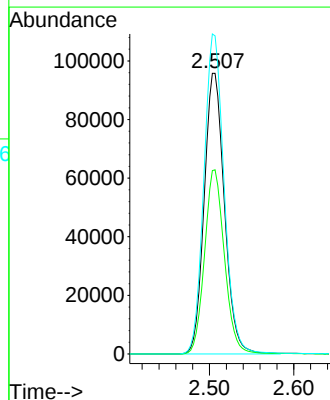
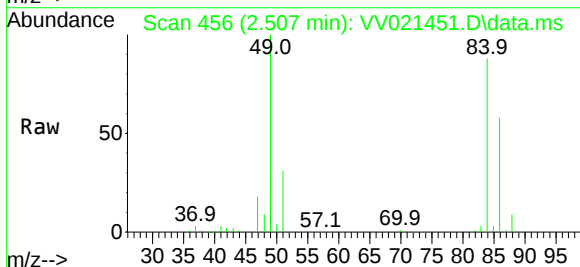
Instrument :
MSVOA_V
ClientSampled :

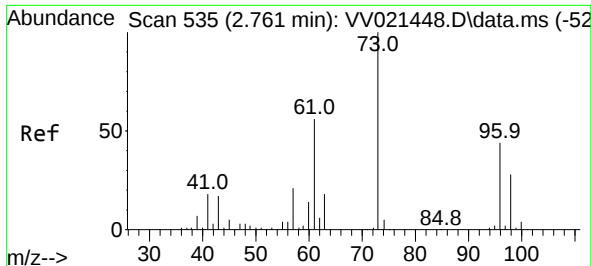
Tgt Ion: 43 Resp: 155087
Ion Ratio Lower Upper
43 100
74 24.4 20.4 30.6



#16
Methylene chloride
Concen: 44.36 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

Tgt Ion: 84 Resp: 160343
Ion Ratio Lower Upper
84 100
86 65.6 44.1 81.9
49 113.3 80.8 150.0

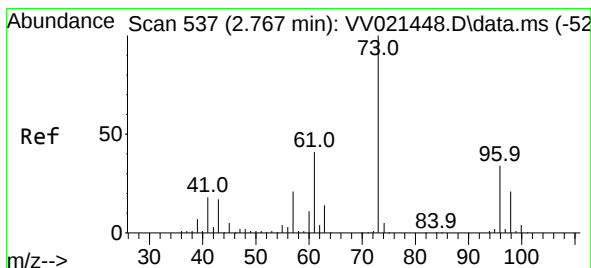
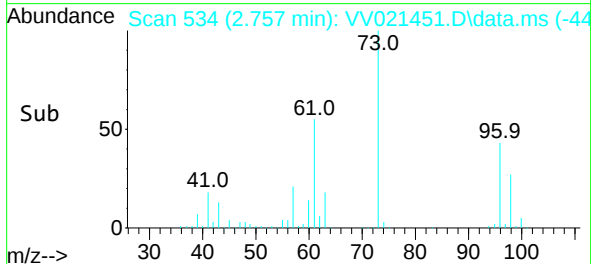
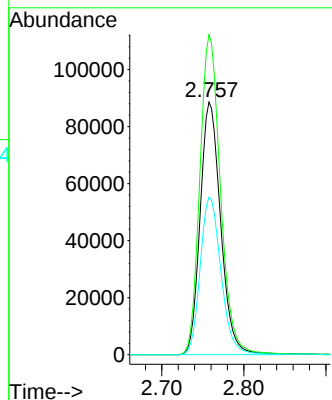
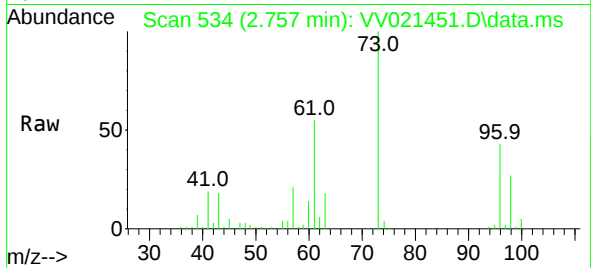




#17
trans-1,2-Dichloroethene
Concen: 46.71 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

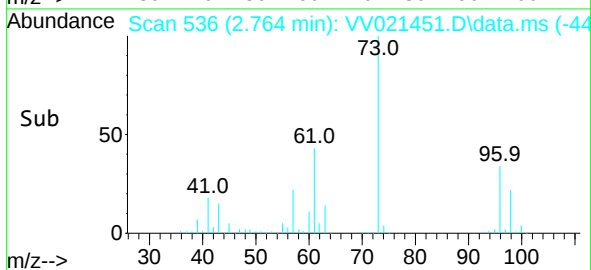
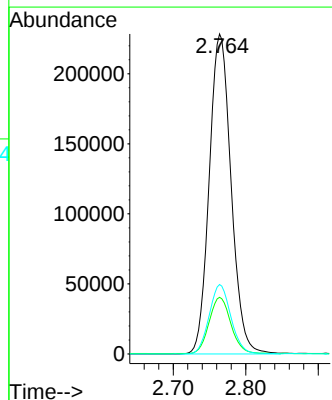
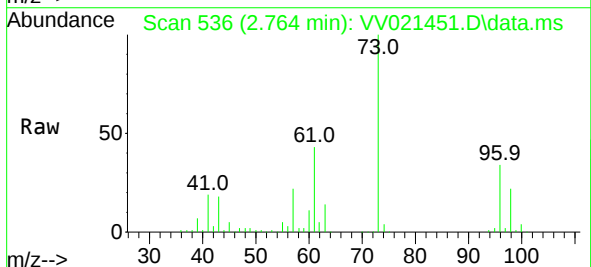
Instrument :
MSVOA_V
ClientSampleId :

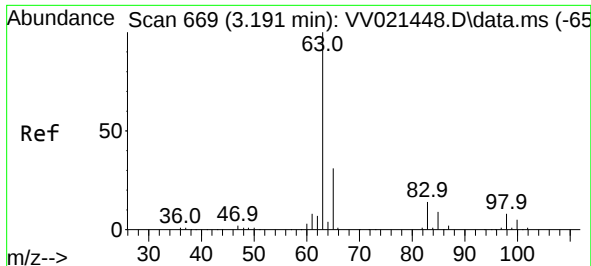
Tgt Ion: 96 Resp: 153740
Ion Ratio Lower Upper
96 100
61 126.8 88.8 165.0
98 62.4 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 45.81 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

Tgt Ion: 73 Resp: 478028
Ion Ratio Lower Upper
73 100
43 17.5 13.9 20.9
57 21.7 17.1 25.7

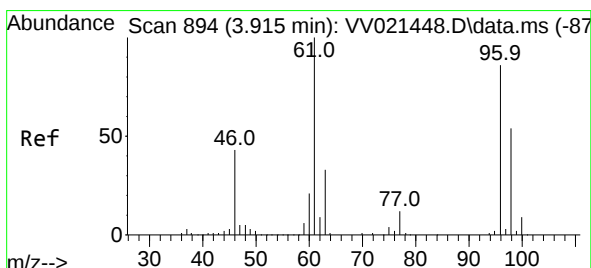
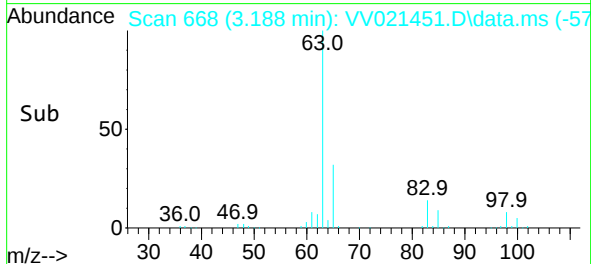
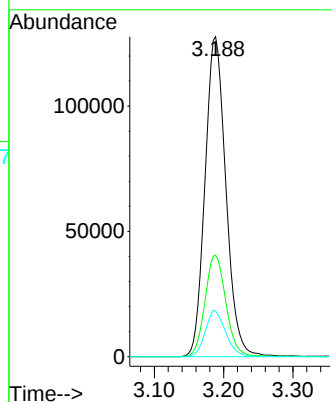
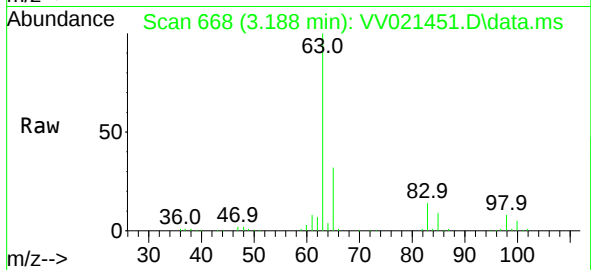




#19
1,1-Dichloroethane
Concen: 45.78 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.003 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

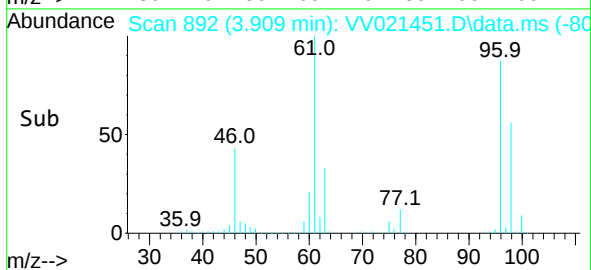
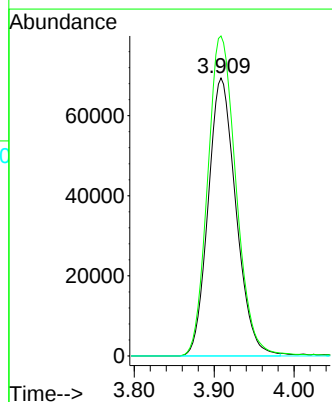
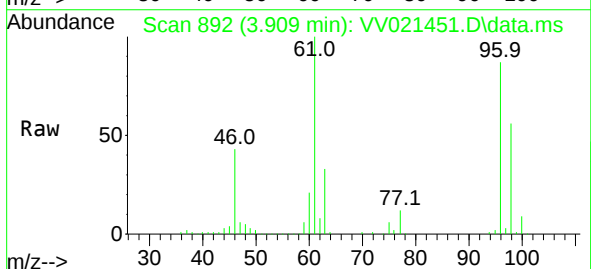
Instrument :
MSVOA_V
ClientSampled :

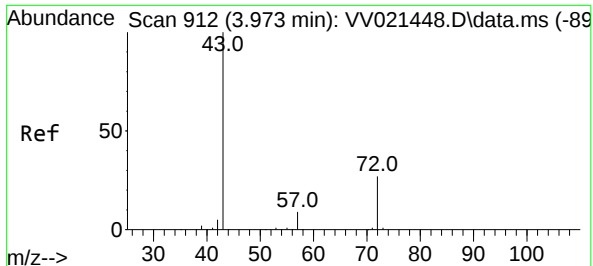
Tgt Ion: 63 Resp: 267027
Ion Ratio Lower Upper
63 100
65 31.8 22.5 41.7
83 14.3 10.1 18.9



#20
cis-1,2-Dichloroethene
Concen: 45.59 ug/L
RT: 3.909 min Scan# 892
Delta R.T. -0.006 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

Tgt Ion: 96 Resp: 167872
Ion Ratio Lower Upper
96 100
61 115.1 82.4 153.0
68 0.0 0.0 0.0

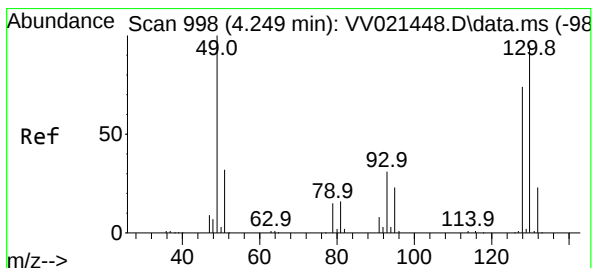
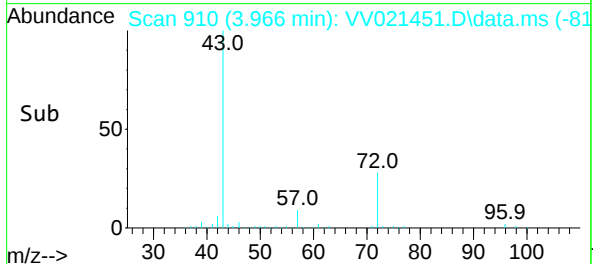
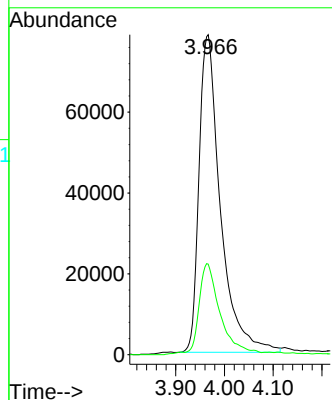
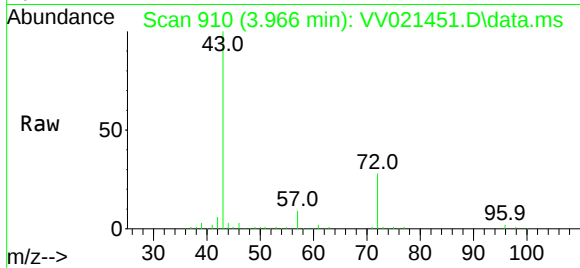




#22
2-Butanone
Concen: 94.69 ug/L
RT: 3.966 min Scan# 910
Delta R.T. -0.006 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

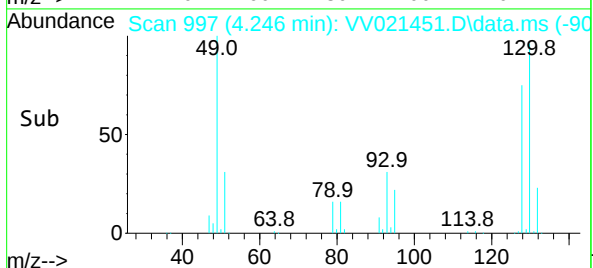
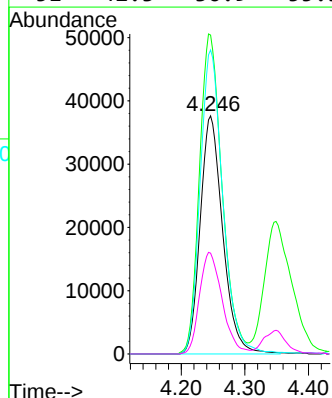
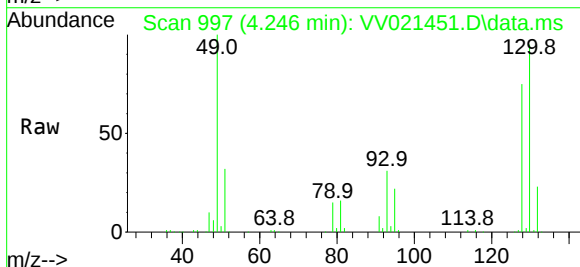
Instrument :
MSVOA_V
ClientSampled :

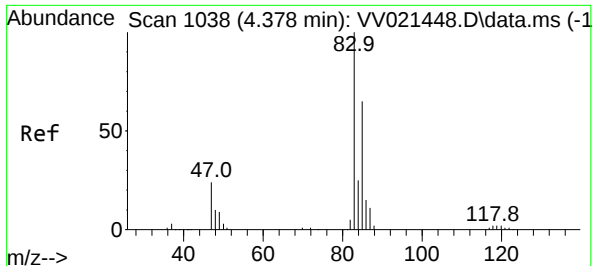
Tgt Ion: 43 Resp: 239529
Ion Ratio Lower Upper
43 100
72 26.3 13.1 39.1



#23
Bromochloromethane
Concen: 45.34 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.003 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

Tgt Ion: 128 Resp: 92481
Ion Ratio Lower Upper
128 100
49 133.9 96.8 179.8
130 127.7 90.2 167.6
51 42.3 36.9 55.3



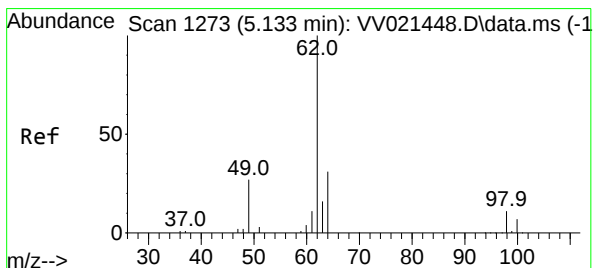
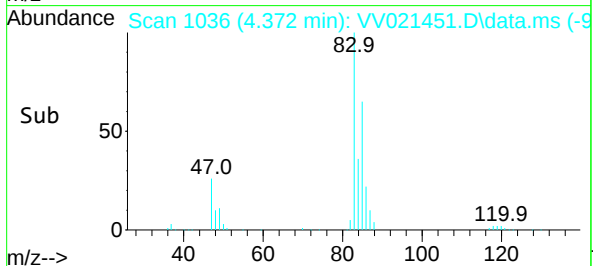
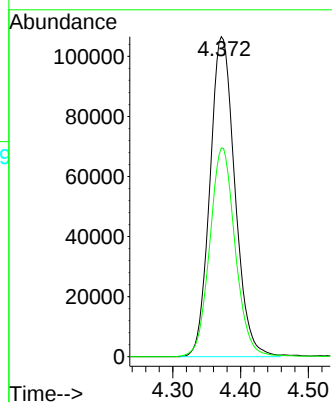
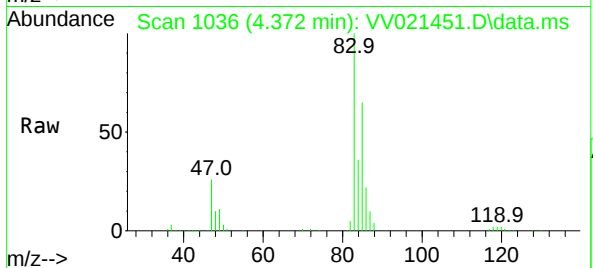


#25

Chloroform
Concen: 45.18 ug/L
RT: 4.372 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

Instrument :
MSVOA_V
ClientSampled :

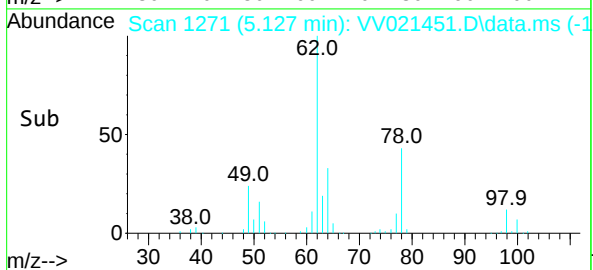
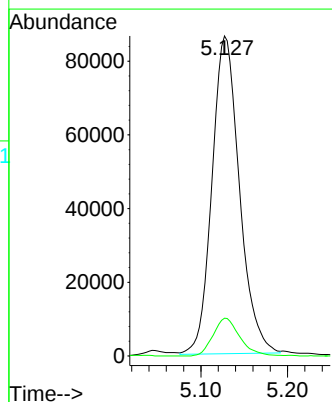
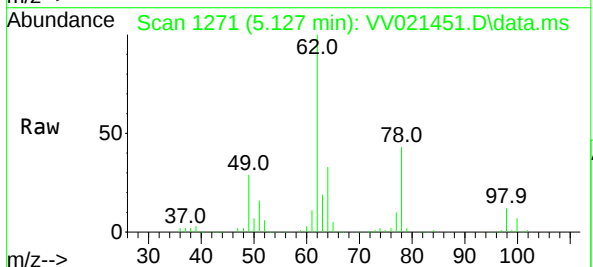
Tgt Ion: 83 Resp: 272729
Ion Ratio Lower Upper
83 100
85 65.3 45.1 83.7

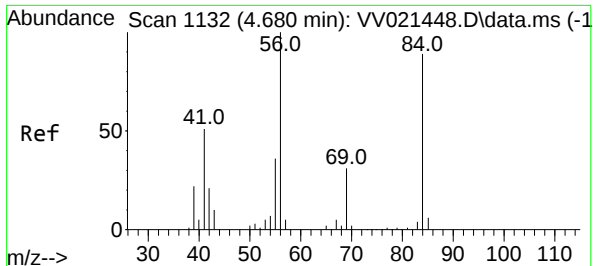


#27

1,2-Dichloroethane
Concen: 45.60 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. -0.006 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

Tgt Ion: 62 Resp: 190148
Ion Ratio Lower Upper
62 100
98 11.8 8.6 12.8





#29

Cyclohexane

Concen: 45.80 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.006 min

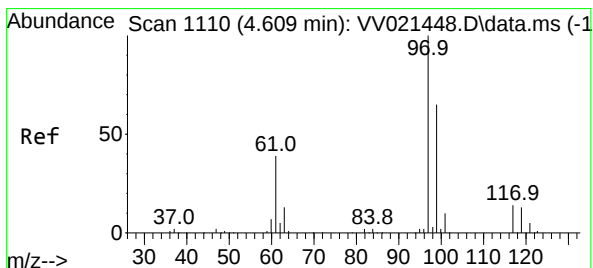
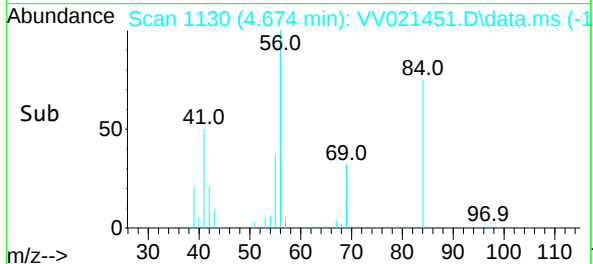
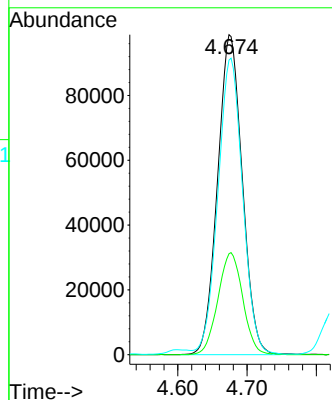
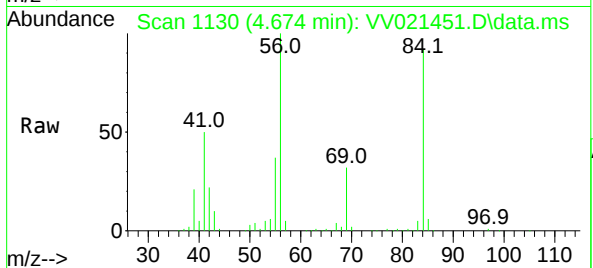
Lab File: VV021451.D

Acq: 28 May 2021 13:13

Tgt Ion: 56 Resp: 244651

Ion	Ratio	Lower	Upper
56	100		
69	32.0	24.9	37.3
84	92.5	73.7	110.5

Instrument :
MSVOA_V
ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 45.24 ug/L

RT: 4.606 min Scan# 1109

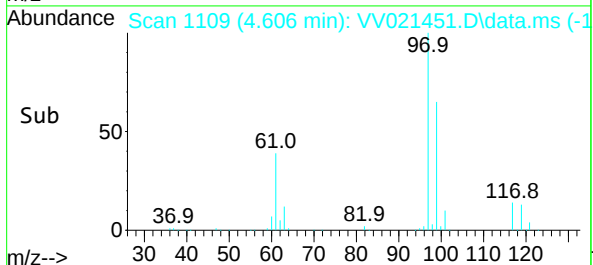
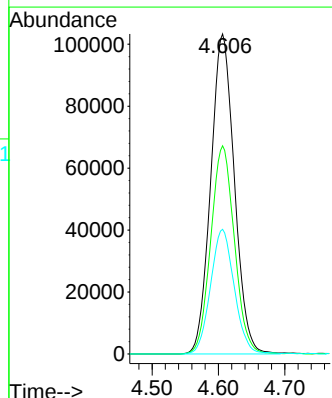
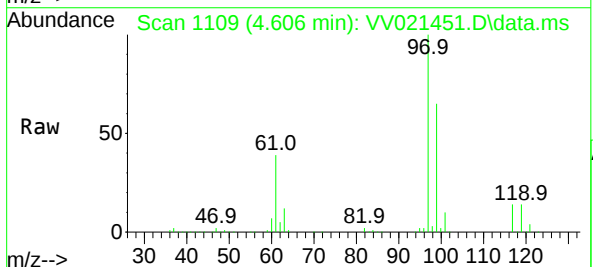
Delta R.T. -0.003 min

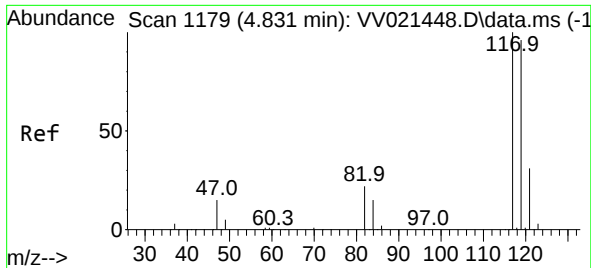
Lab File: VV021451.D

Acq: 28 May 2021 13:13

Tgt Ion: 97 Resp: 256076

Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.8	77.6
61	39.0	30.2	45.4

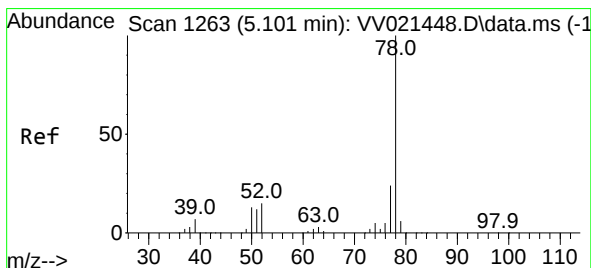
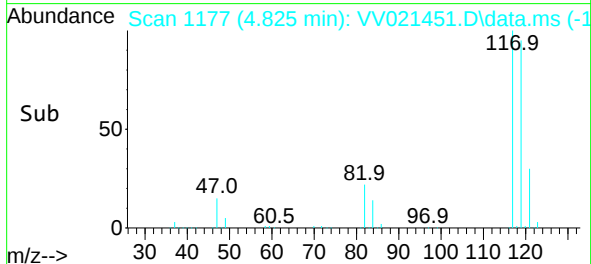
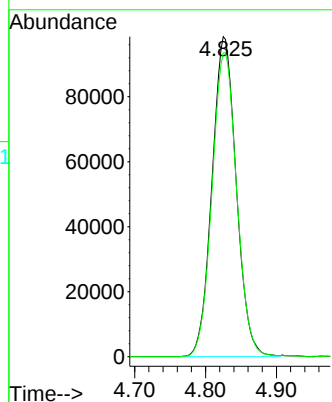
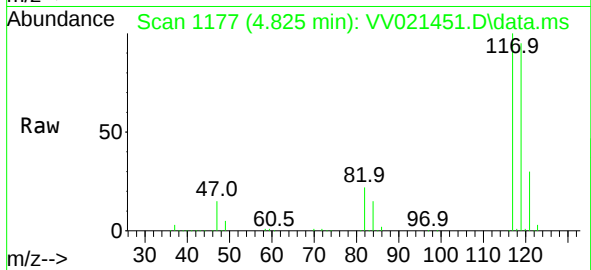




#31
Carbon tetrachloride
Concen: 45.48 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.006 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

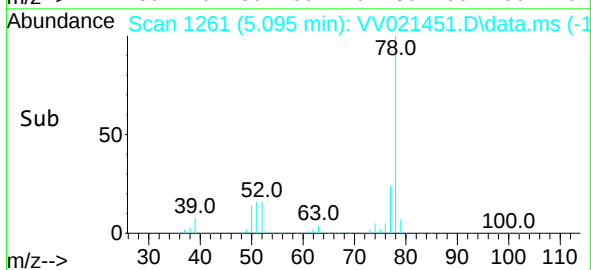
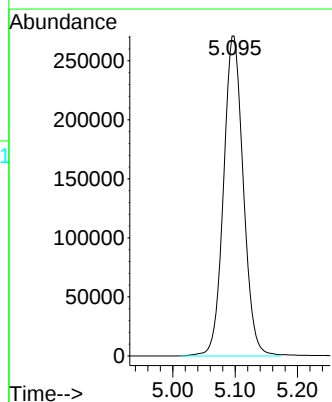
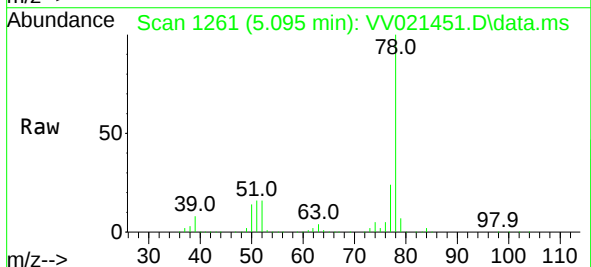
Instrument :
MSVOA_V
ClientSampled :

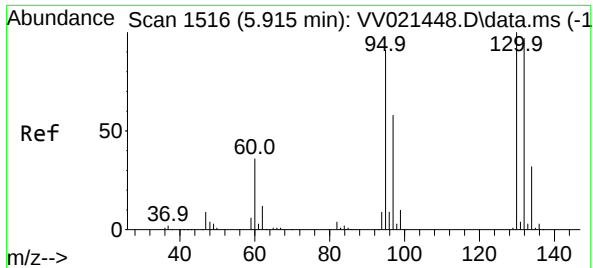
Tgt Ion:117 Resp: 233687
Ion Ratio Lower Upper
117 100
119 96.9 76.8 115.2



#33
Benzene
Concen: 45.47 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

Tgt Ion: 78 Resp: 596697

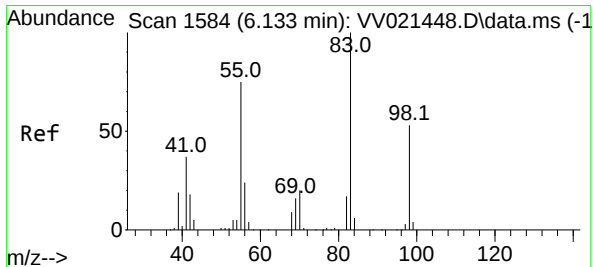
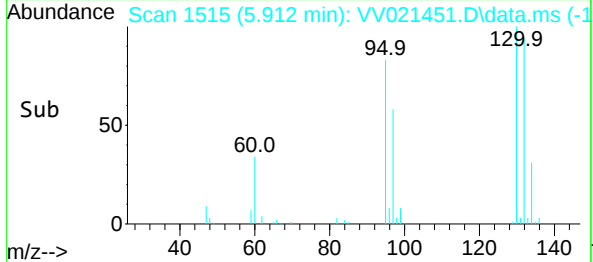
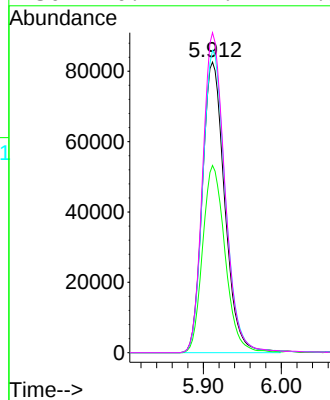
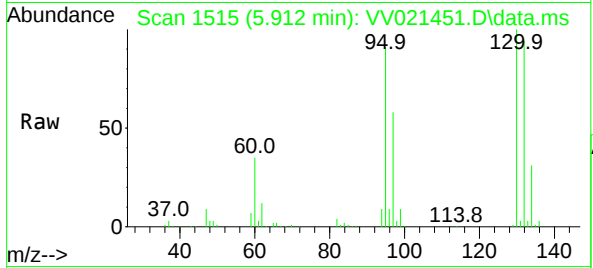




#34
Trichloroethene
Concen: 46.10 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

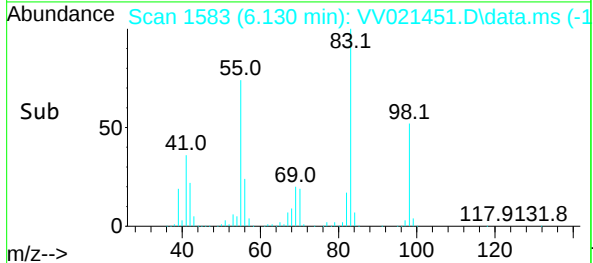
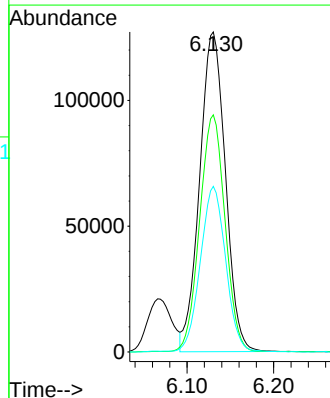
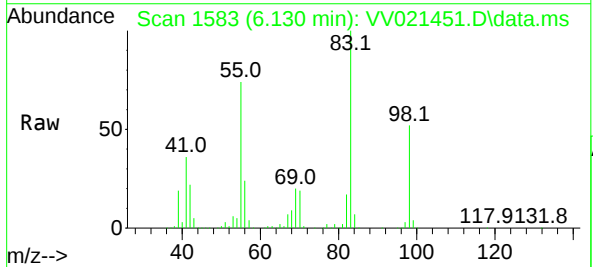
Instrument :
MSVOA_V
ClientSampled :

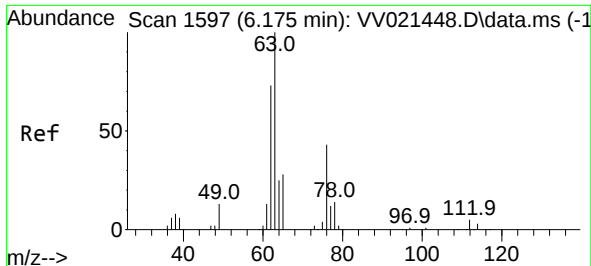
Tgt Ion: 95 Resp: 164459
Ion Ratio Lower Upper
95 100
97 64.4 44.3 82.3
132 104.0 73.2 136.0
130 110.2 77.7 144.3



#35
Methylcyclohexane
Concen: 45.82 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

Tgt Ion: 83 Resp: 262385
Ion Ratio Lower Upper
83 100
55 73.3 58.0 87.0
98 51.1 40.8 61.2

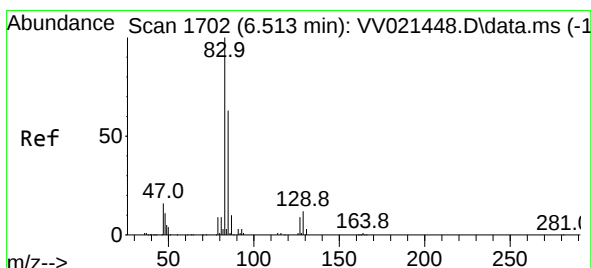
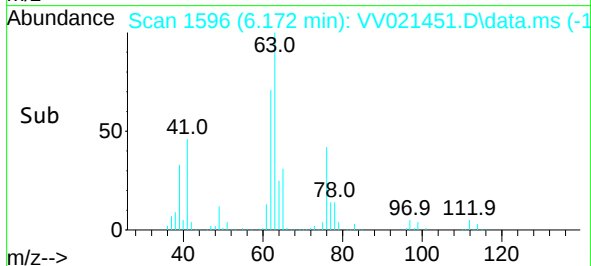
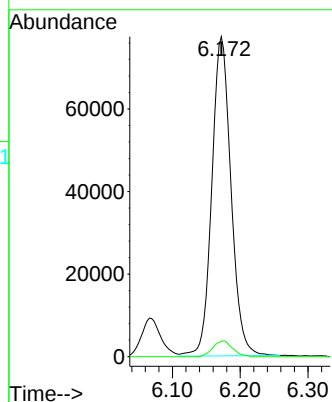
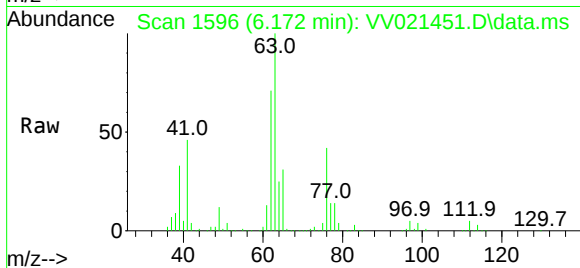




#37
1,2-Dichloropropane
Concen: 45.41 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.003 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

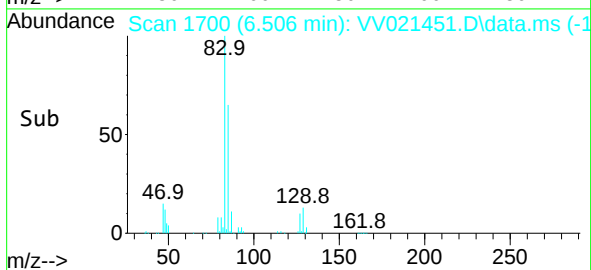
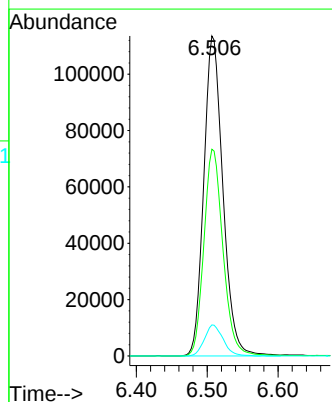
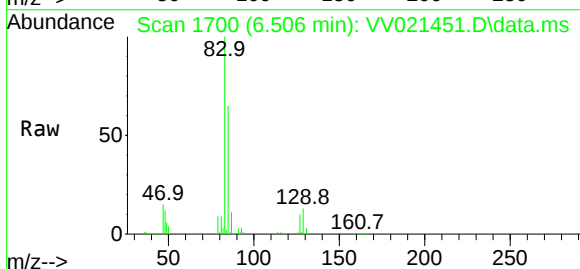
Instrument :
MSVOA_V
ClientSampled :

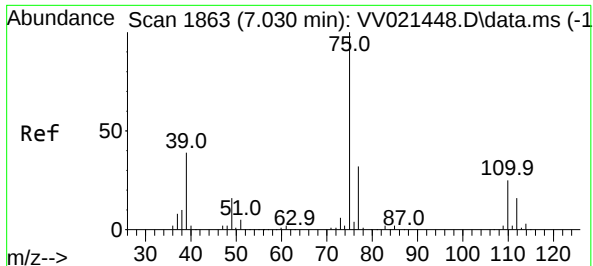
Tgt Ion: 63 Resp: 151933
Ion Ratio Lower Upper
63 100
112 5.1 4.0 6.0



#38
Bromodichloromethane
Concen: 45.40 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

Tgt Ion: 83 Resp: 213159
Ion Ratio Lower Upper
83 100
85 64.6 44.6 82.8
127 9.7 7.6 11.4

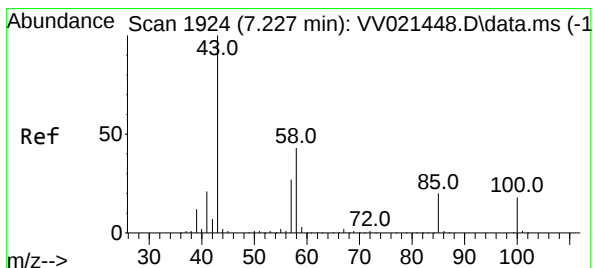
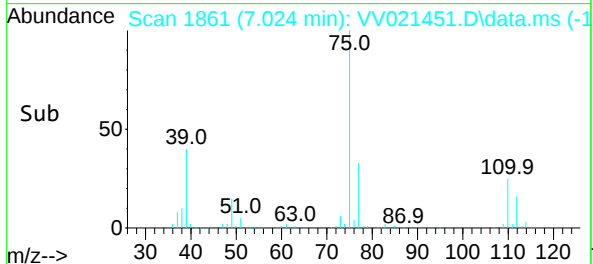
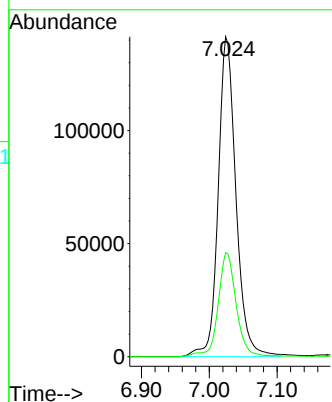
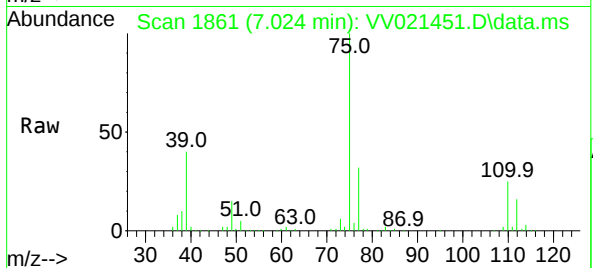




#39
 cis-1,3-Dichloropropene
 Concen: 45.75 ug/L
 RT: 7.024 min Scan# 1861
 Delta R.T. -0.006 min
 Lab File: VV021451.D
 Acq: 28 May 2021 13:13

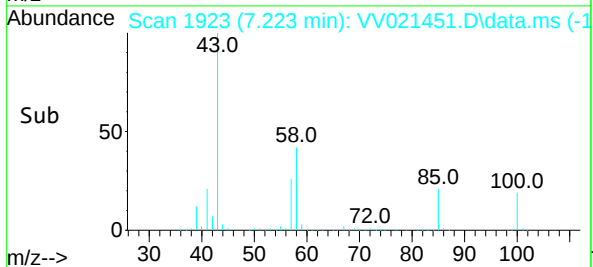
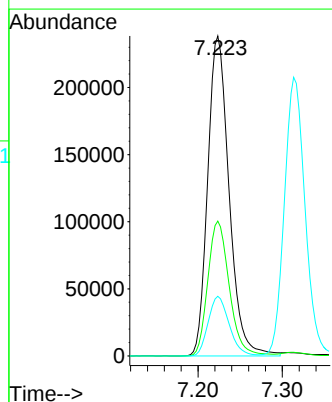
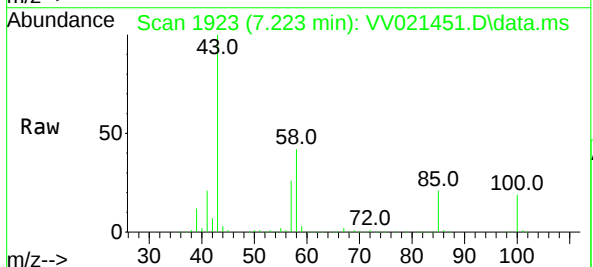
Instrument :
 MSVOA_V
 ClientSampled :

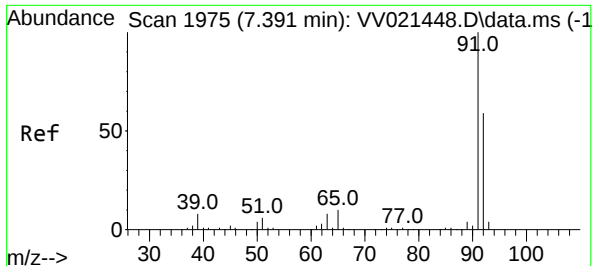
Tgt Ion: 75 Resp: 257363
 Ion Ratio Lower Upper
 75 100
 77 32.5 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 92.72 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. -0.003 min
 Lab File: VV021451.D
 Acq: 28 May 2021 13:13

Tgt Ion: 43 Resp: 420657
 Ion Ratio Lower Upper
 43 100
 58 42.4 33.5 50.3
 100 18.3 14.8 22.2

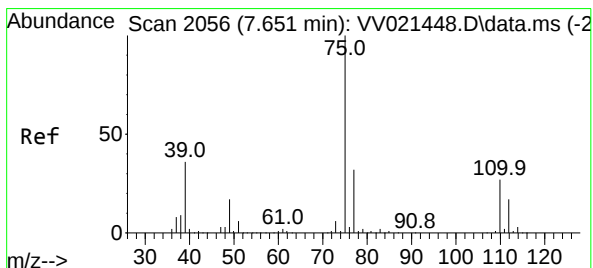
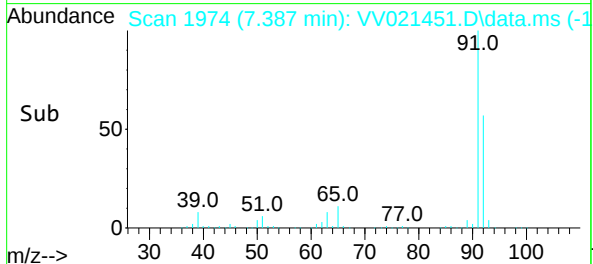
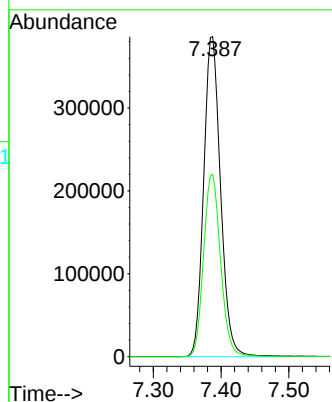
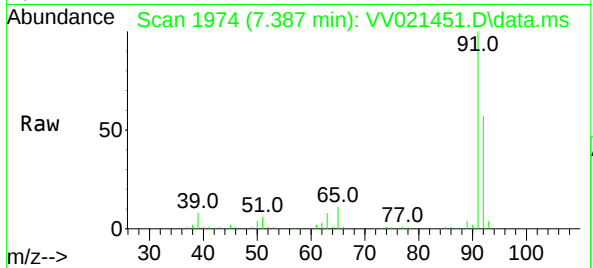




#42
Toluene
Concen: 45.82 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

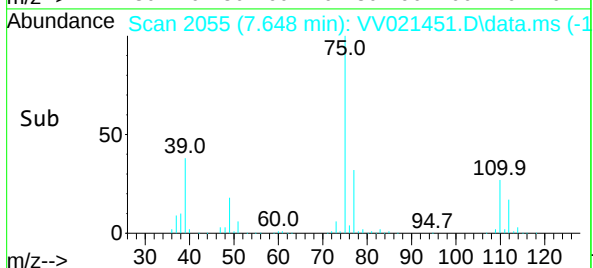
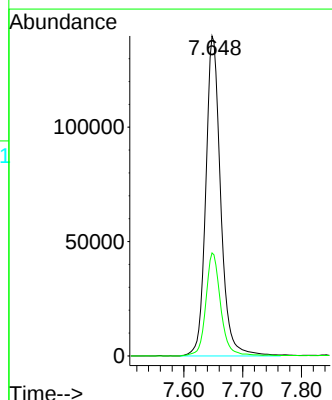
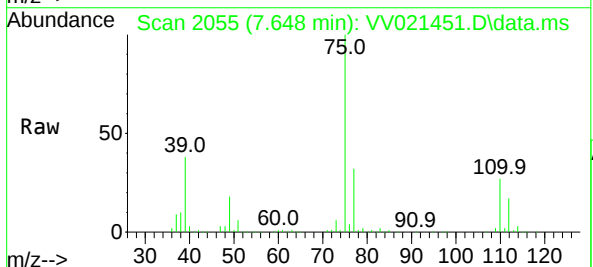
Instrument :
MSVOA_V
ClientSampled :

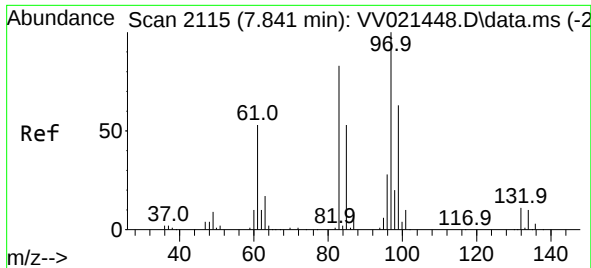
Tgt Ion: 91 Resp: 667089
Ion Ratio Lower Upper
91 100
92 57.0 40.9 75.9



#44
trans-1,3-Dichloropropene
Concen: 46.24 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

Tgt Ion: 75 Resp: 246064
Ion Ratio Lower Upper
75 100
77 32.2 22.9 42.5

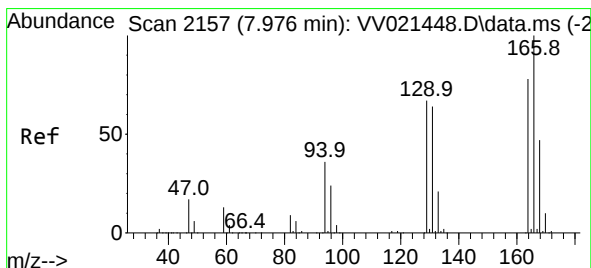
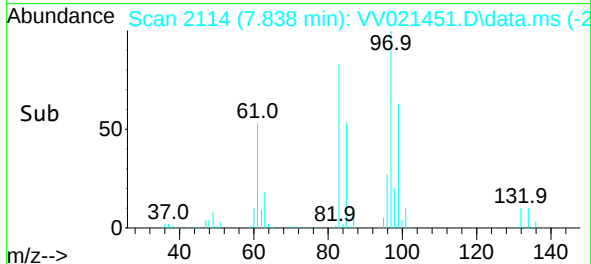
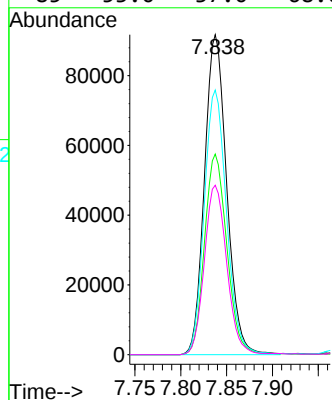
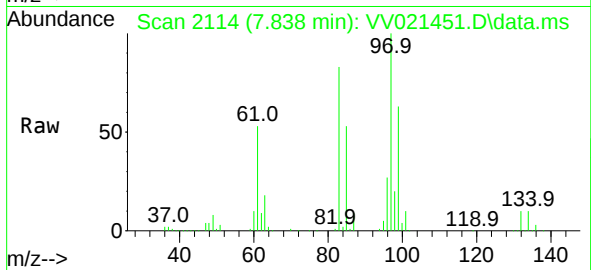




#45
1,1,2-Trichloroethane
Concen: 45.58 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

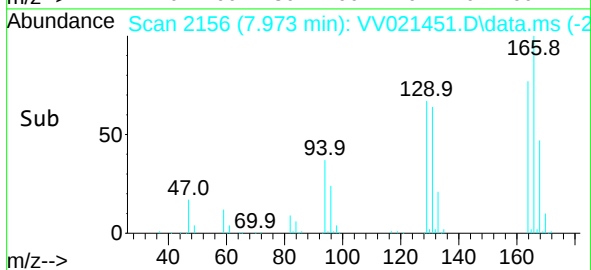
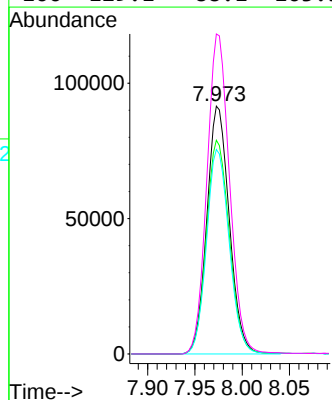
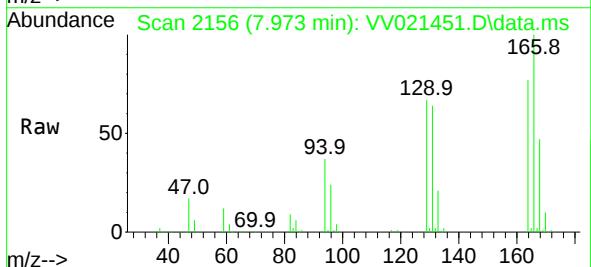
Instrument :
MSVOA_V
ClientSampled :

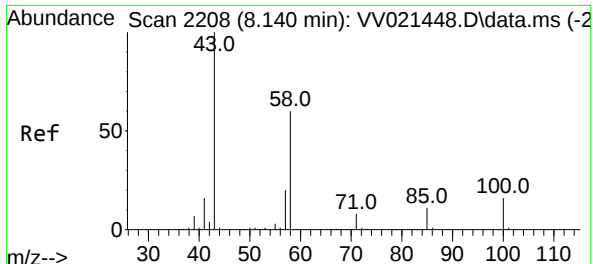
Tgt Ion:	97	Resp:	154792
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.7	81.1
83	82.7	57.1	106.1
85	53.0	37.0	68.6



#46
Tetrachloroethene
Concen: 46.14 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

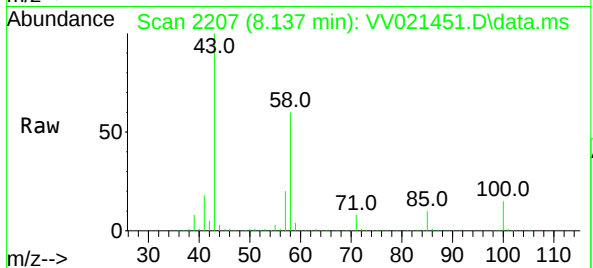
Tgt Ion:	164	Resp:	151324
Ion	Ratio	Lower	Upper
164	100		
129	86.2	60.5	112.3
131	82.5	58.7	108.9
166	129.1	88.1	163.5



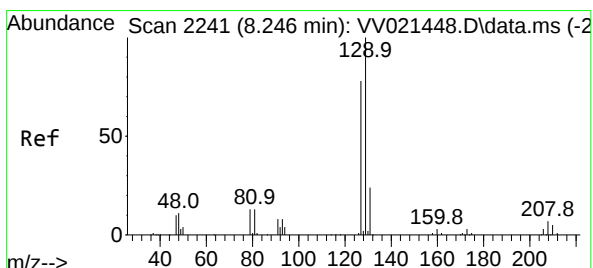
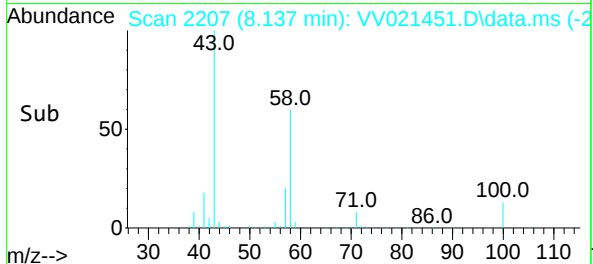
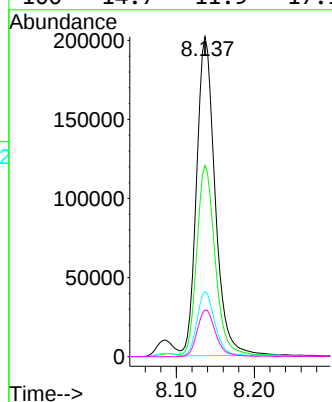


#48
2-Hexanone
Concen: 95.57 ug/L
RT: 8.137 min Scan# 2207
Delta R.T. -0.003 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

Instrument :
MSVOA_V
ClientSampled :

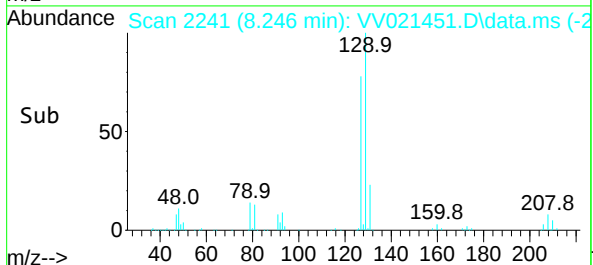
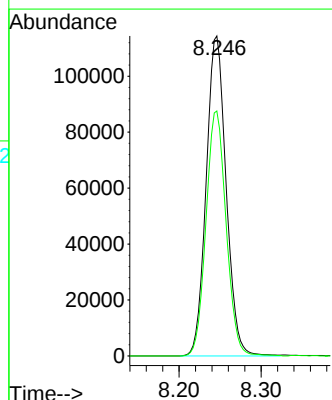
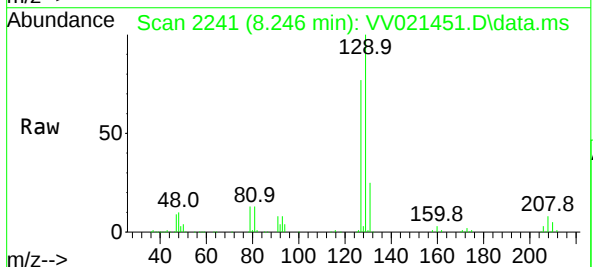


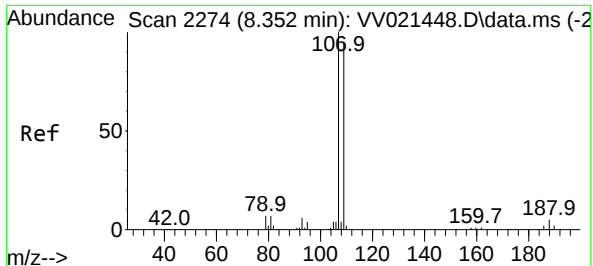
Tgt Ion:	43	58	57	100
Ratio	100	60.2	19.7	14.7
Lower		47.1	16.0	11.9
Upper		70.7	24.0	17.9



#49
Dibromochloromethane
Concen: 45.46 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

Tgt Ion:	129	127
Ratio	100	76.6
Lower		53.0
Upper		98.4





#50

1,2-Dibromoethane

Concen: 46.46 ug/L

RT: 8.349 min Scan# 2273

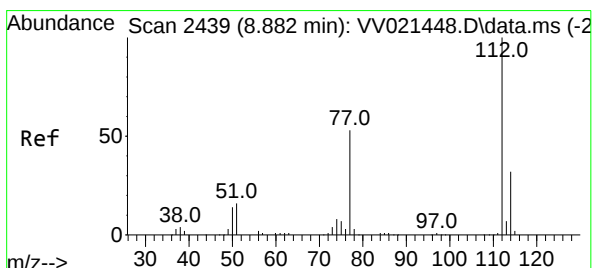
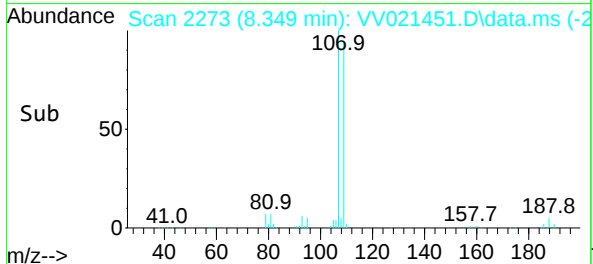
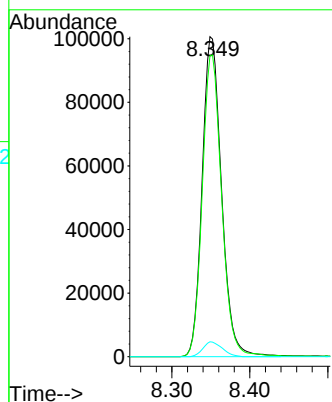
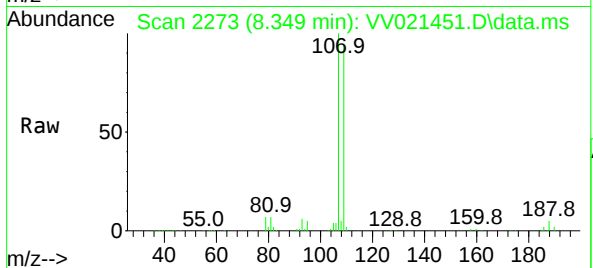
Delta R.T. -0.003 min

Lab File: VV021451.D

Acq: 28 May 2021 13:13

Tgt Ion:	107	Resp:	173646
Ion	Ratio	Lower	Upper
107	100		
109	94.0	66.7	123.9
188	4.7	3.8	5.8

Instrument :
MSVOA_V
ClientSampleId :



#51

Chlorobenzene

Concen: 46.05 ug/L

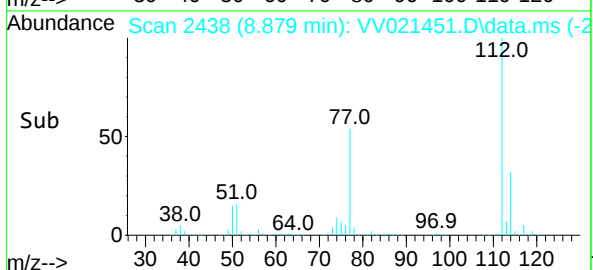
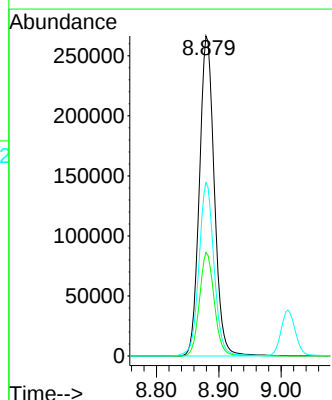
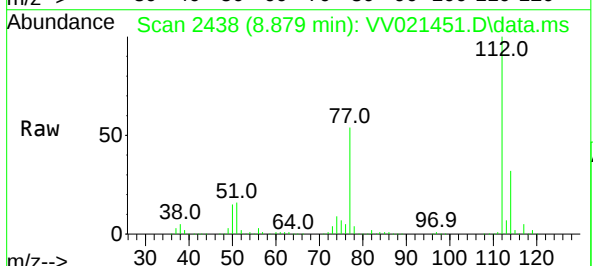
RT: 8.879 min Scan# 2438

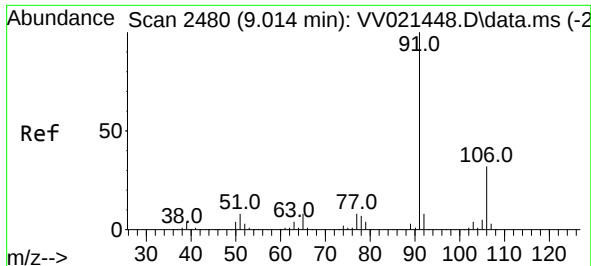
Delta R.T. -0.003 min

Lab File: VV021451.D

Acq: 28 May 2021 13:13

Tgt Ion:	112	Resp:	443208
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.5	41.9
77	54.2	43.8	65.6





#52

Ethylbenzene

Concen: 46.12 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV021451.D

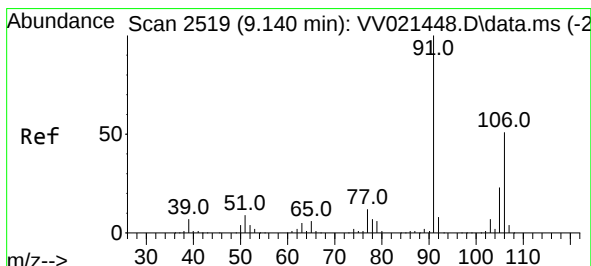
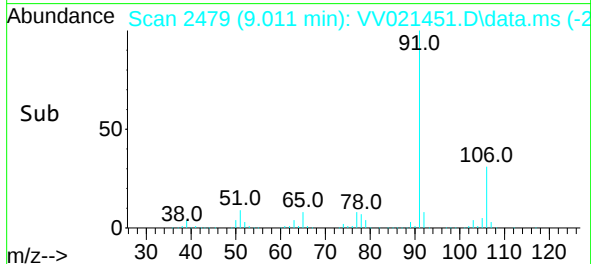
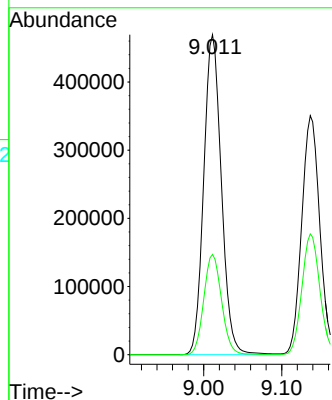
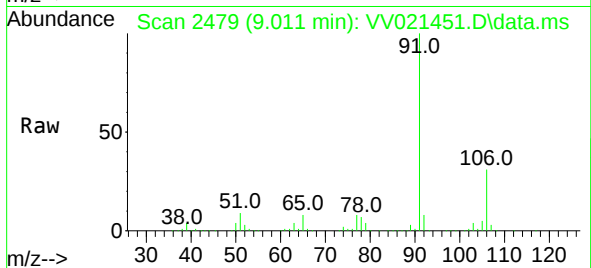
Acq: 28 May 2021 13:13

Tgt Ion: 91 Resp: 737394

Ion Ratio Lower Upper

91 100

106 31.3 22.4 41.6



#53

m,p-Xylene

Concen: 46.17 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. -0.003 min

Lab File: VV021451.D

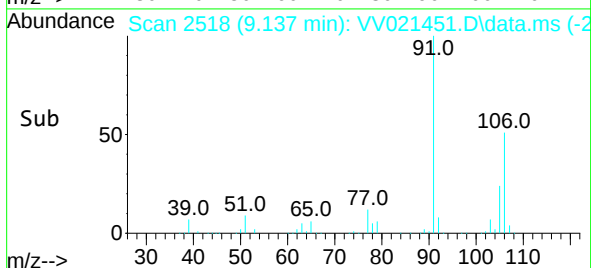
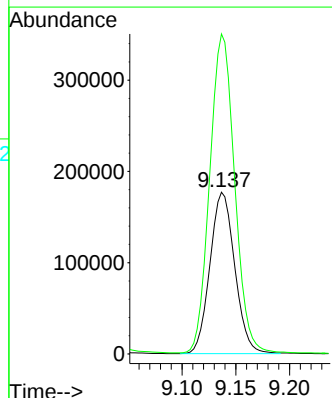
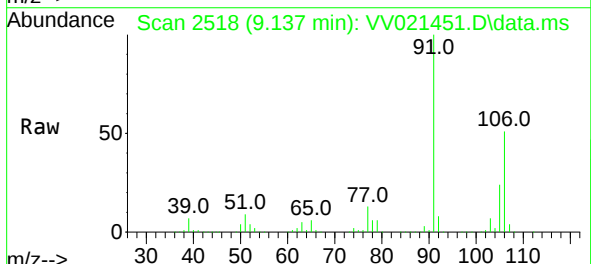
Acq: 28 May 2021 13:13

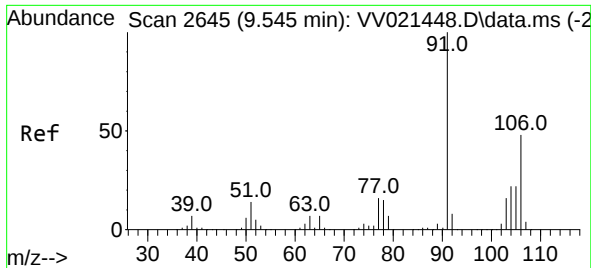
Tgt Ion: 106 Resp: 283655

Ion Ratio Lower Upper

106 100

91 197.9 139.4 258.8

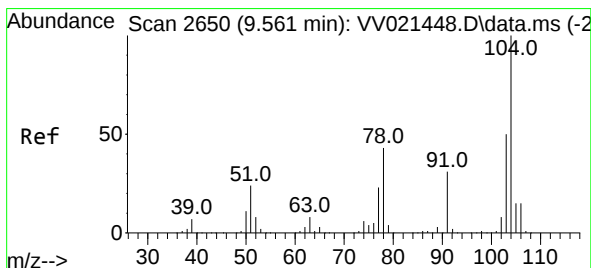
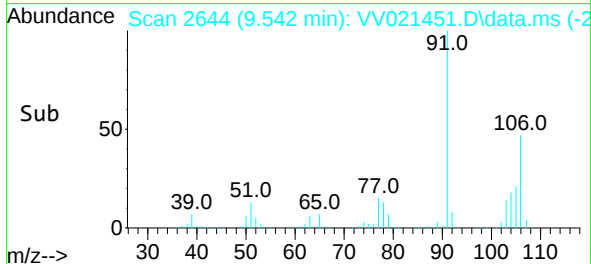
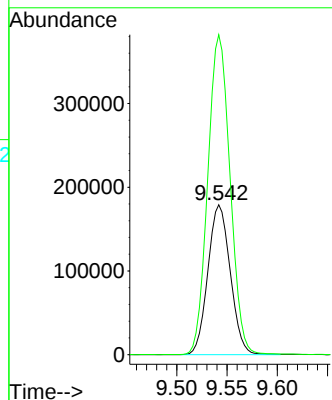
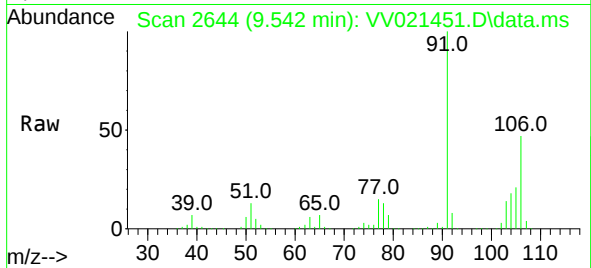




#54
o-Xylene
Concen: 45.72 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

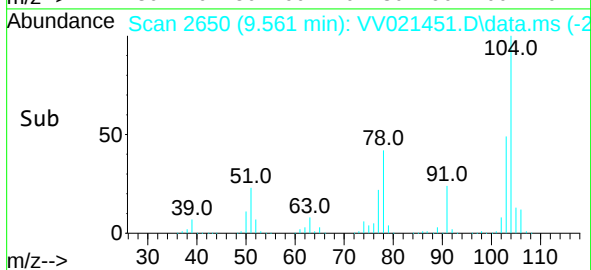
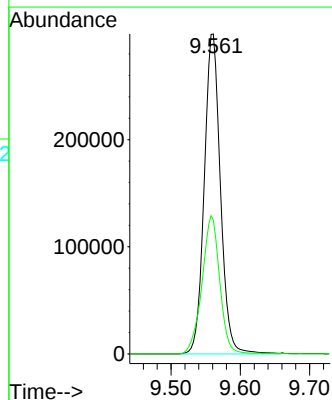
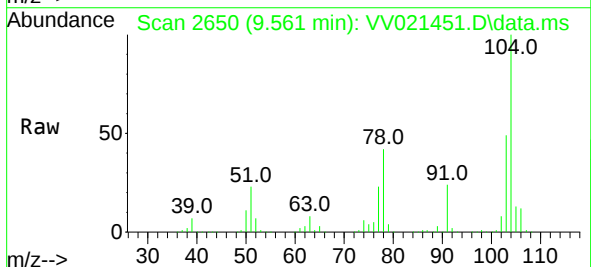
Instrument :
MSVOA_V
ClientSampled :

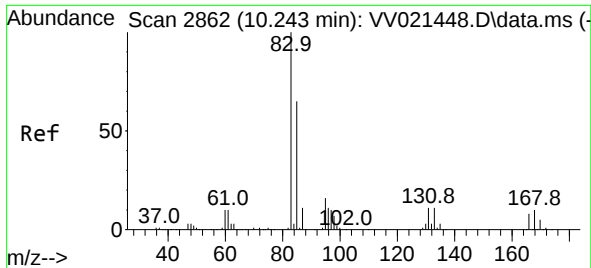
Tgt Ion:106 Resp: 277338
Ion Ratio Lower Upper
106 100
91 213.5 148.5 275.9



#55
Styrene
Concen: 46.41 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

Tgt Ion:104 Resp: 484496
Ion Ratio Lower Upper
104 100
78 41.8 30.3 56.3

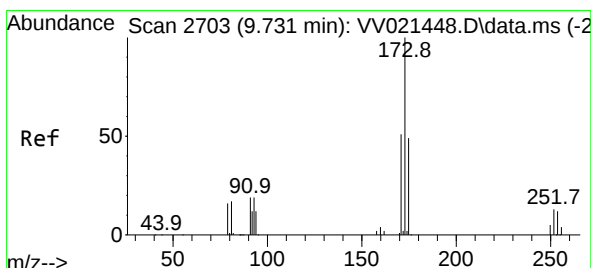
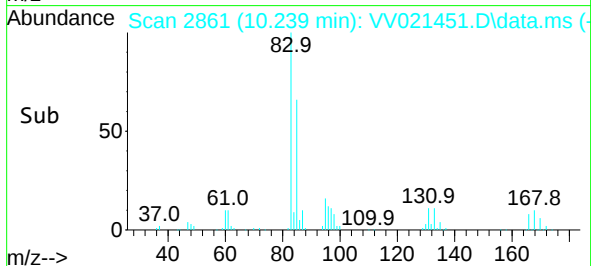
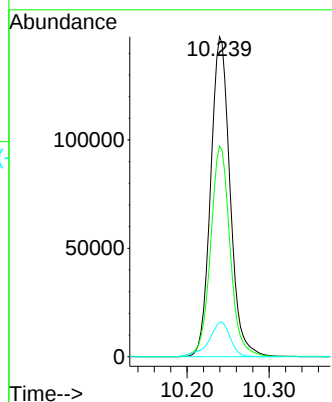
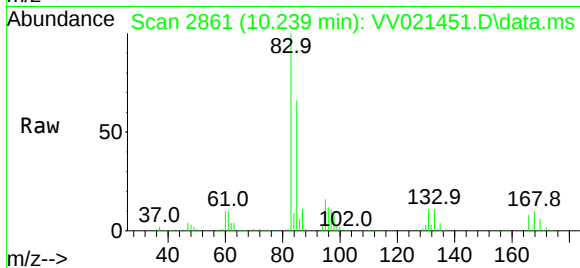




#57
1,1,2,2-Tetrachloroethane
Concen: 45.79 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.003 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

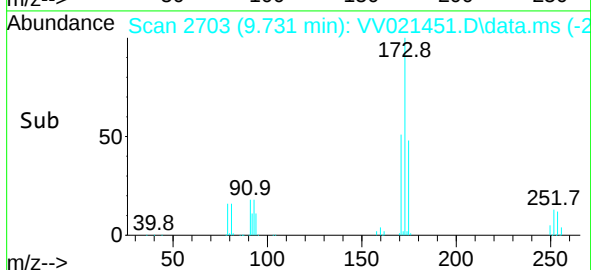
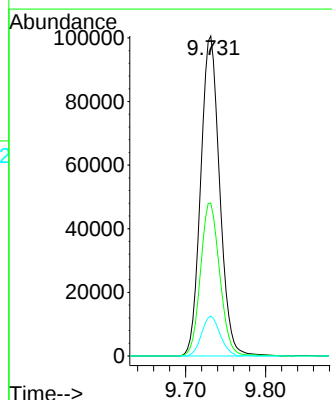
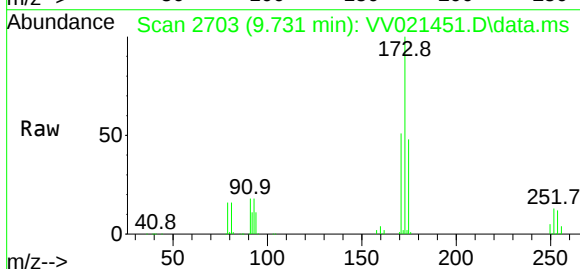
Instrument :
MSVOA_V
ClientSampleId :

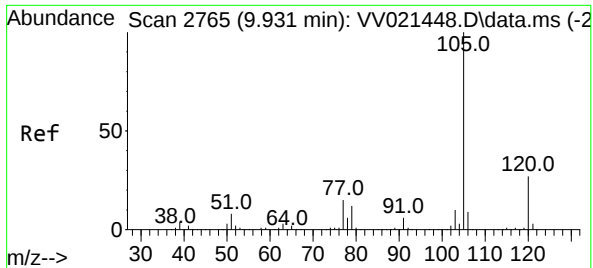
Tgt Ion: 83 Resp: 242748
Ion Ratio Lower Upper
83 100
85 65.8 45.8 85.2
131 10.7 8.7 13.1



#59
Bromoform
Concen: 45.98 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

Tgt Ion: 173 Resp: 166181
Ion Ratio Lower Upper
173 100
175 48.2 38.7 58.1
254 12.1 9.8 14.8

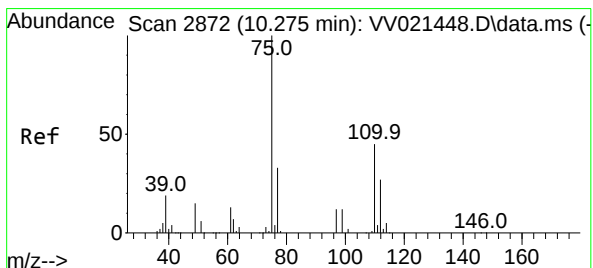
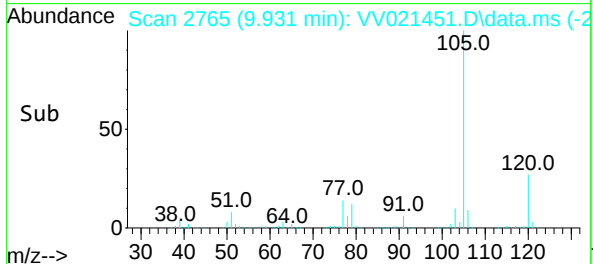
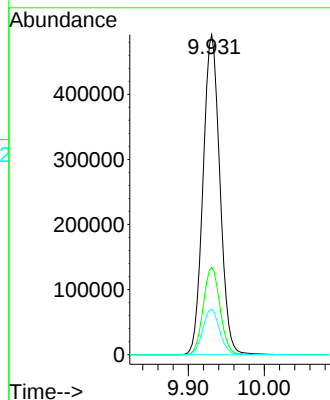
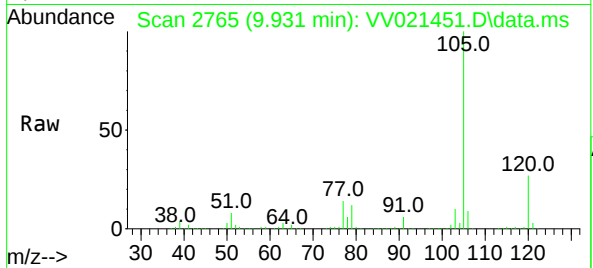




#60
Isopropylbenzene
Concen: 45.55 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

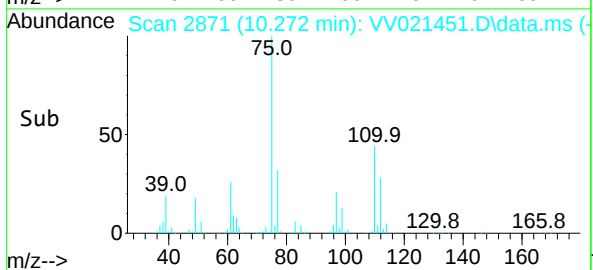
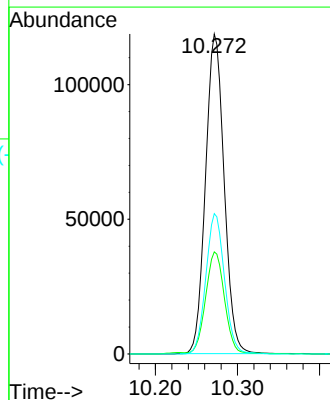
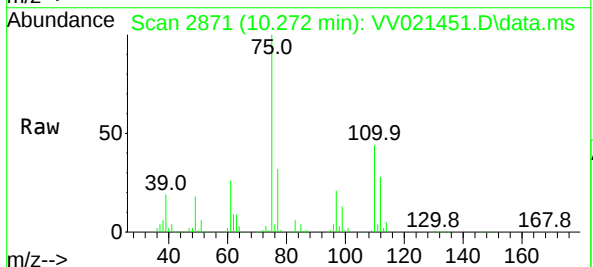
Instrument :
MSVOA_V
ClientSampled :

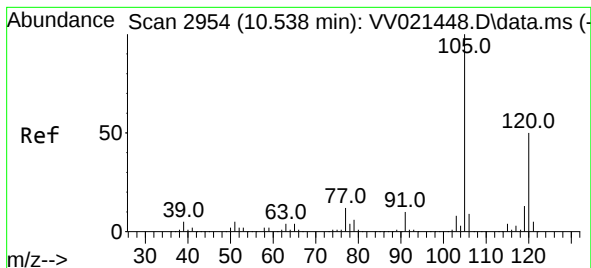
Tgt Ion:105 Resp: 755934
Ion Ratio Lower Upper
105 100
120 27.3 21.7 32.5
77 14.2 11.5 17.3



#61
1,2,3-Trichloropropane
Concen: 44.51 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

Tgt Ion: 75 Resp: 187306
Ion Ratio Lower Upper
75 100
77 32.6 25.9 38.9
110 43.9 34.8 52.2

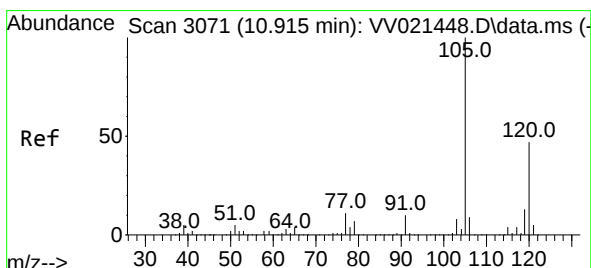
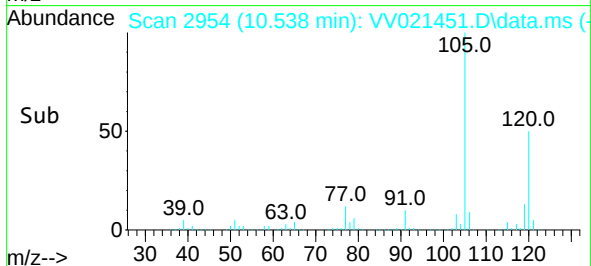
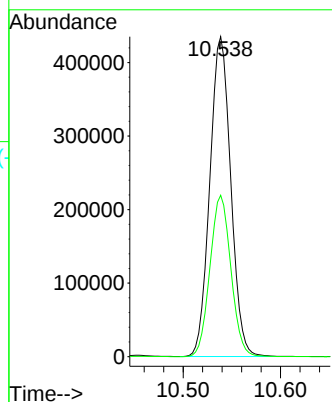
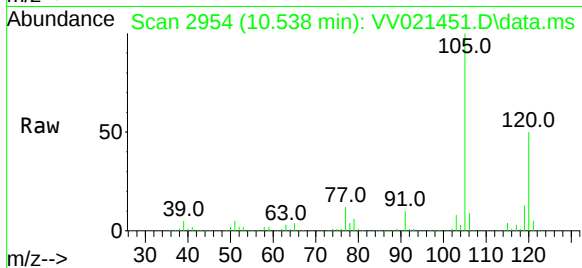




#62
1,3,5-Trimethylbenzene
Concen: 45.41 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

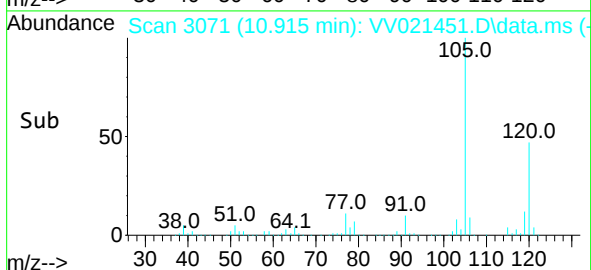
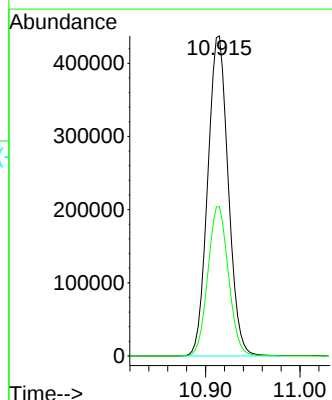
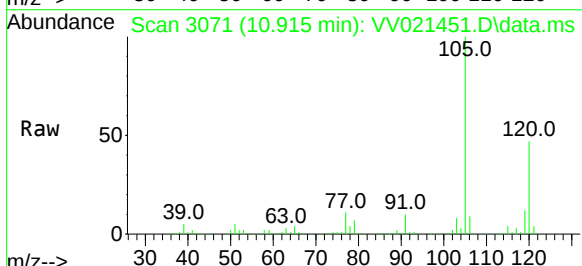
Instrument :
MSVOA_V
ClientSampled :

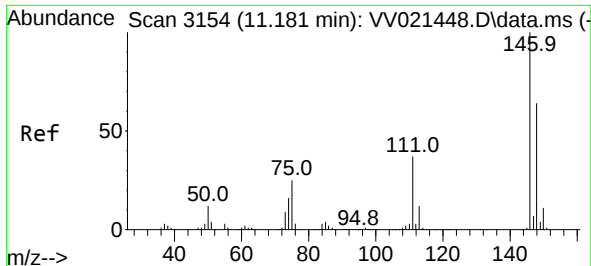
Tgt Ion:105 Resp: 648858
Ion Ratio Lower Upper
105 100
120 50.5 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 45.64 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

Tgt Ion:105 Resp: 658781
Ion Ratio Lower Upper
105 100
120 46.9 37.0 55.4

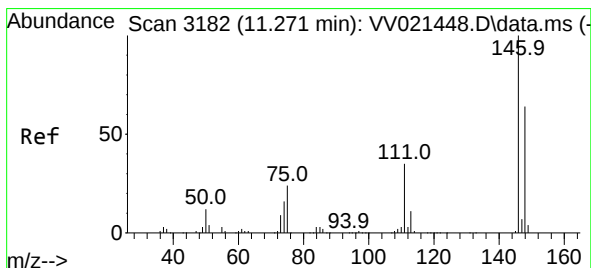
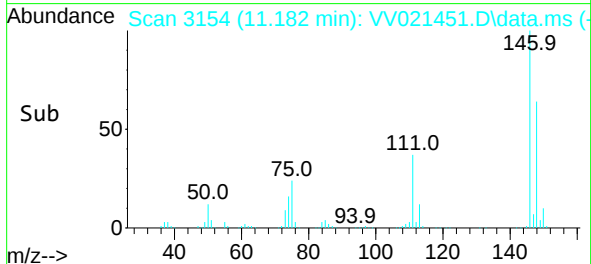
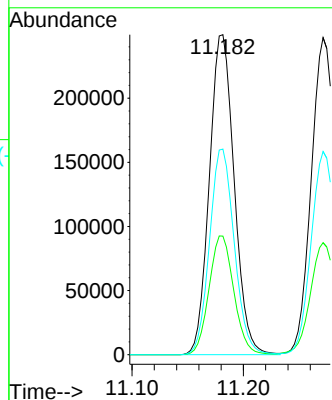
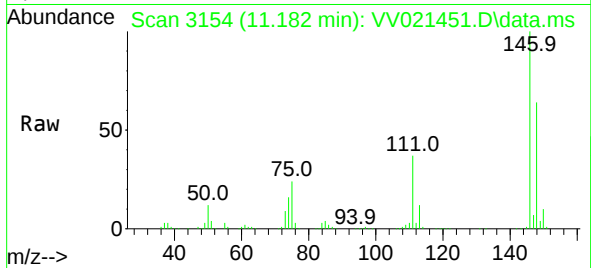




#64
1,3-Dichlorobenzene
Concen: 46.15 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

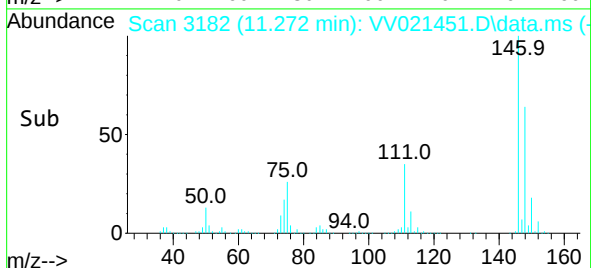
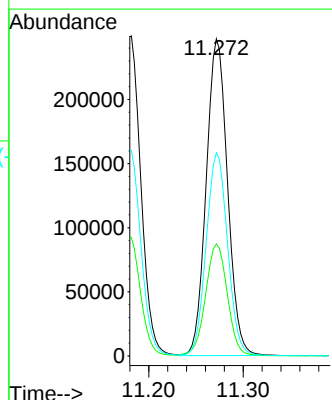
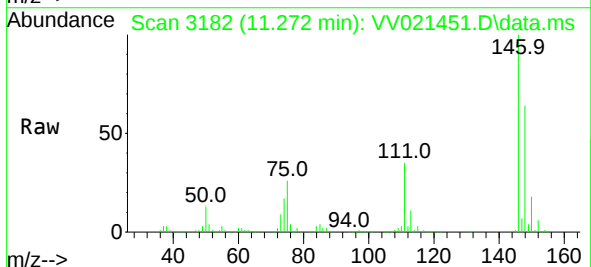
Instrument :
MSVOA_V
ClientSampleId :

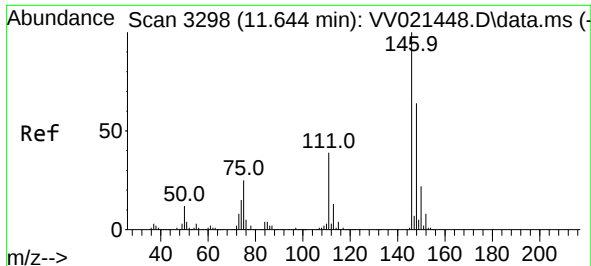
Tgt Ion:146 Resp: 386888
Ion Ratio Lower Upper
146 100
111 37.1 26.0 48.2
148 64.3 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 45.72 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

Tgt Ion:146 Resp: 387012
Ion Ratio Lower Upper
146 100
111 35.3 25.4 47.2
148 64.1 45.4 84.4

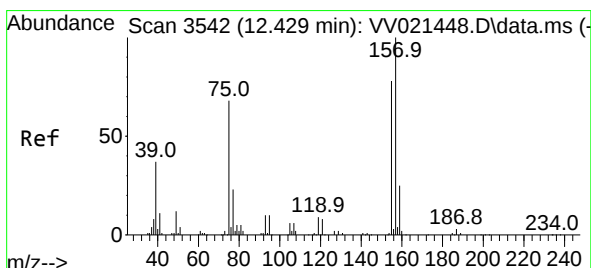
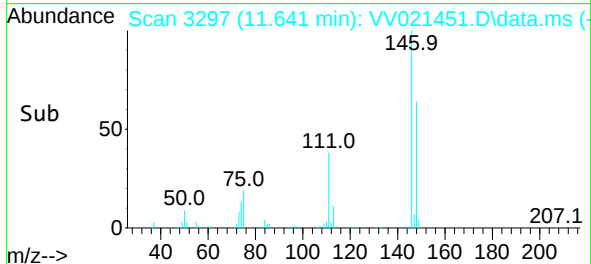
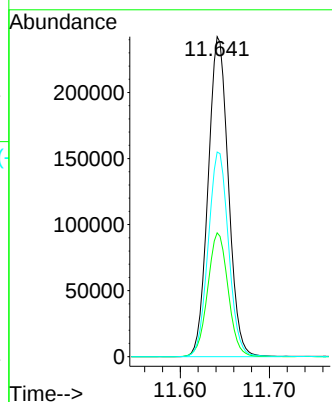
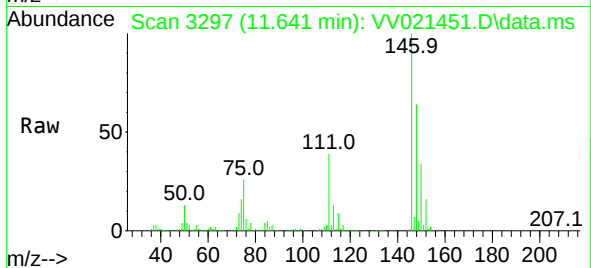




#67
1,2-Dichlorobenzene
Concen: 45.46 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.003 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

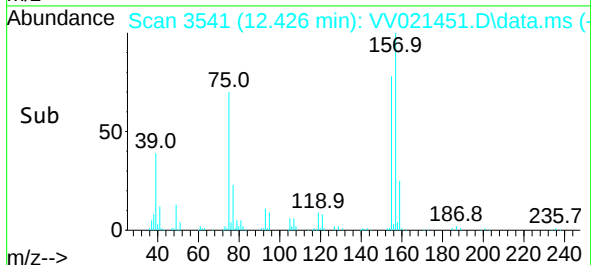
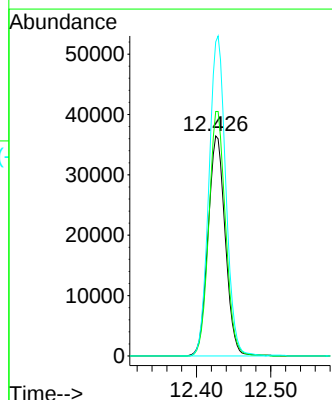
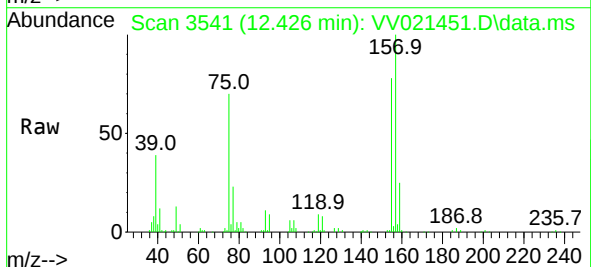
Instrument :
MSVOA_V
ClientSampleId :

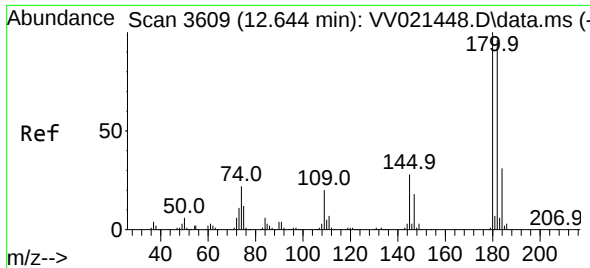
Tgt Ion:146 Resp: 381642
Ion Ratio Lower Upper
146 100
111 38.7 30.8 46.2
148 63.9 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 44.64 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

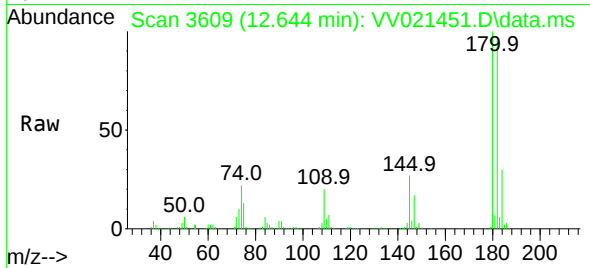
Tgt Ion: 75 Resp: 58532
Ion Ratio Lower Upper
75 100
155 111.2 89.7 134.5
157 142.8 113.2 169.8



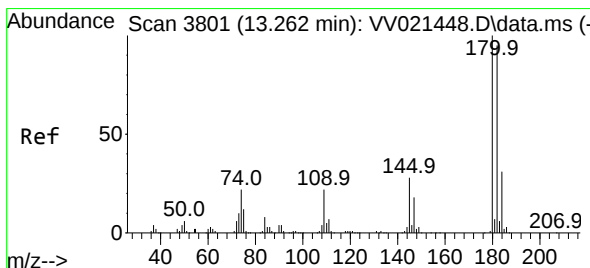
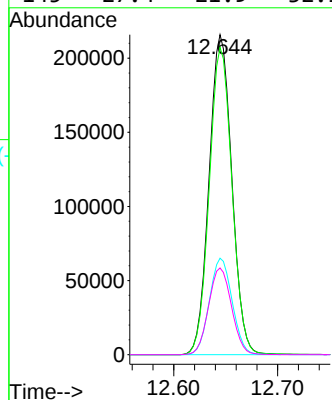
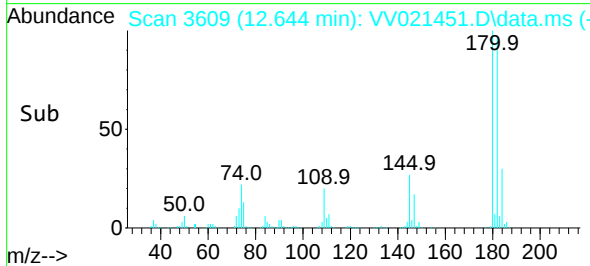


#69
1,3,5-Trichlorobenzene
Concen: 46.37 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. 0.000 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

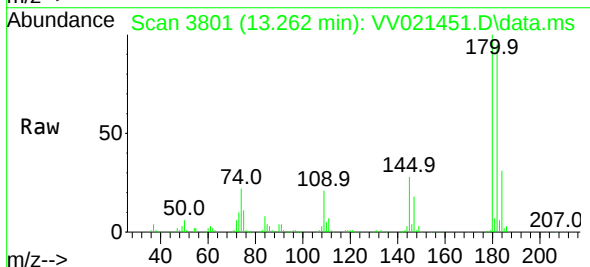
Instrument :
MSVOA_V
ClientSampleId :



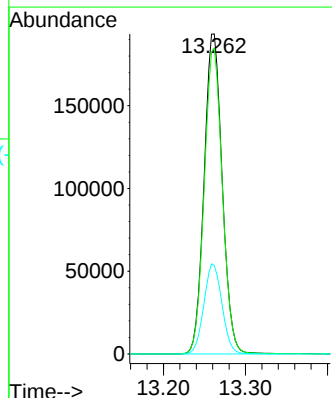
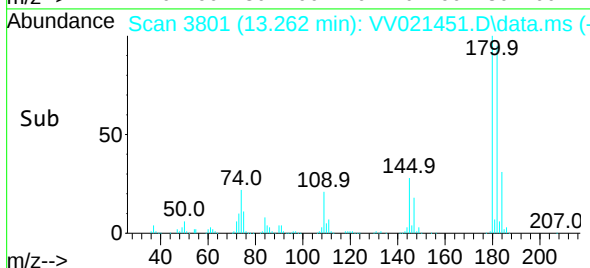
Tgt Ion:180 Resp: 327969
Ion Ratio Lower Upper
180 100
182 96.0 76.8 115.2
184 30.3 24.3 36.5
145 27.4 21.9 32.9

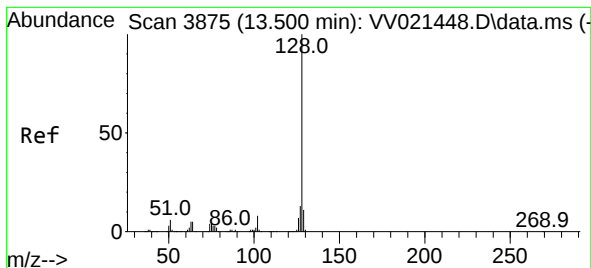


#70
1,2,4-trichlorobenzene
Concen: 46.92 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13



Tgt Ion:180 Resp: 296438
Ion Ratio Lower Upper
180 100
182 95.6 76.2 114.4
145 28.2 21.8 32.8

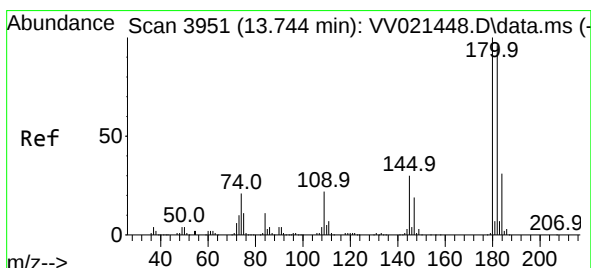
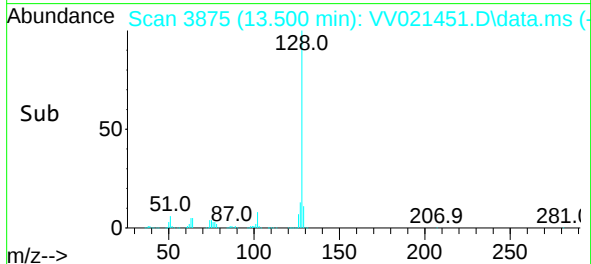
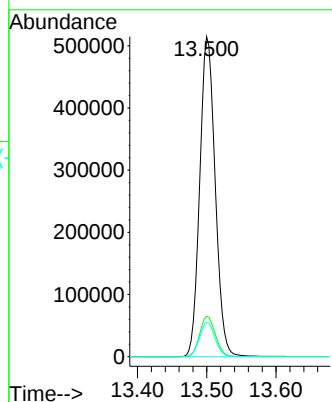
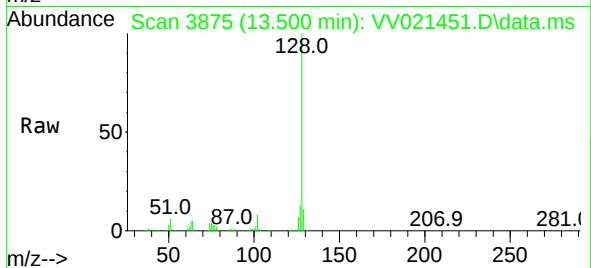




#71
Naphthalene
Concen: 45.82 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 798607
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 46.23 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV021451.D
Acq: 28 May 2021 13:13

Tgt Ion:180 Resp: 284301
Ion Ratio Lower Upper
180 100
182 96.7 76.3 114.5
145 29.3 24.0 36.0

