

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100521\
 Data File : VW022563.D
 Acq On : 05 Oct 2021 09:45
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 05:18:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 05 01:58:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	111694	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	106997	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59437	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	17211	4.809	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.200%	
7) Chloroethane-d5	1.565	69	24846	5.151	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.000%	
11) 1,1-Dichloroethene-d2	2.105	63	52570	5.063	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	101.200%	
20) 2-Butanone-d5	3.905	46	82852	39.166	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	78.340%	
24) Chloroform-d	4.346	84	63249	4.590	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
26) 1,2-Dichloroethane-d4	5.027	65	30715	4.732	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.600%	
32) Benzene-d6	5.047	84	113633	4.713	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
36) 1,2-Dichloropropane-d6	6.066	67	35702	4.197	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.000%	
41) Toluene-d8	7.314	98	100118	4.953	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.000%	
43) trans-1,3-Dichloroprop...	7.622	79	10217	4.538	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.800%	
46) 2-Hexanone-d5	8.088	63	66631	47.802	ug/L	-0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.600%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29592	4.578	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	42373	4.609	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	44238	5.200	ug/L	98
3) Chloromethane	1.237	50	45344	5.324	ug/L	100
5) Vinyl chloride	1.307	62	45650	5.310	ug/L	99
6) Bromomethane	1.516	94	29689	5.203	ug/L	99
8) Chloroethane	1.581	64	27628	5.053	ug/L	100
9) Trichlorofluoromethane	1.748	101	68175	5.301	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	38140	5.158	ug/L	97
12) 1,1-Dichloroethene	2.114	96	37030	5.412	ug/L	97
13) Acetone	2.436	43	10139	8.913	ug/L	96
14) Carbon disulfide	2.288	76	109103	5.451	ug/L	98
15) Methyl Acetate	2.436	43	11366	3.393	ug/L #	68
16) Methylene chloride	2.503	84	40318	5.114	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	80266	4.616	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	37807	5.070	ug/L	99
19) 1,1-Dichloroethane	3.185	63	65625	4.905	ug/L	99
21) 2-Butanone	3.992	43	77680	42.655	ug/L	87
22) cis-1,2-Dichloroethene	3.905	96	37979	4.694	ug/L	97
23) Bromochloromethane	4.246	128	18520	4.863	ug/L	89
25) Chloroform	4.372	83	72029	4.931	ug/L	97

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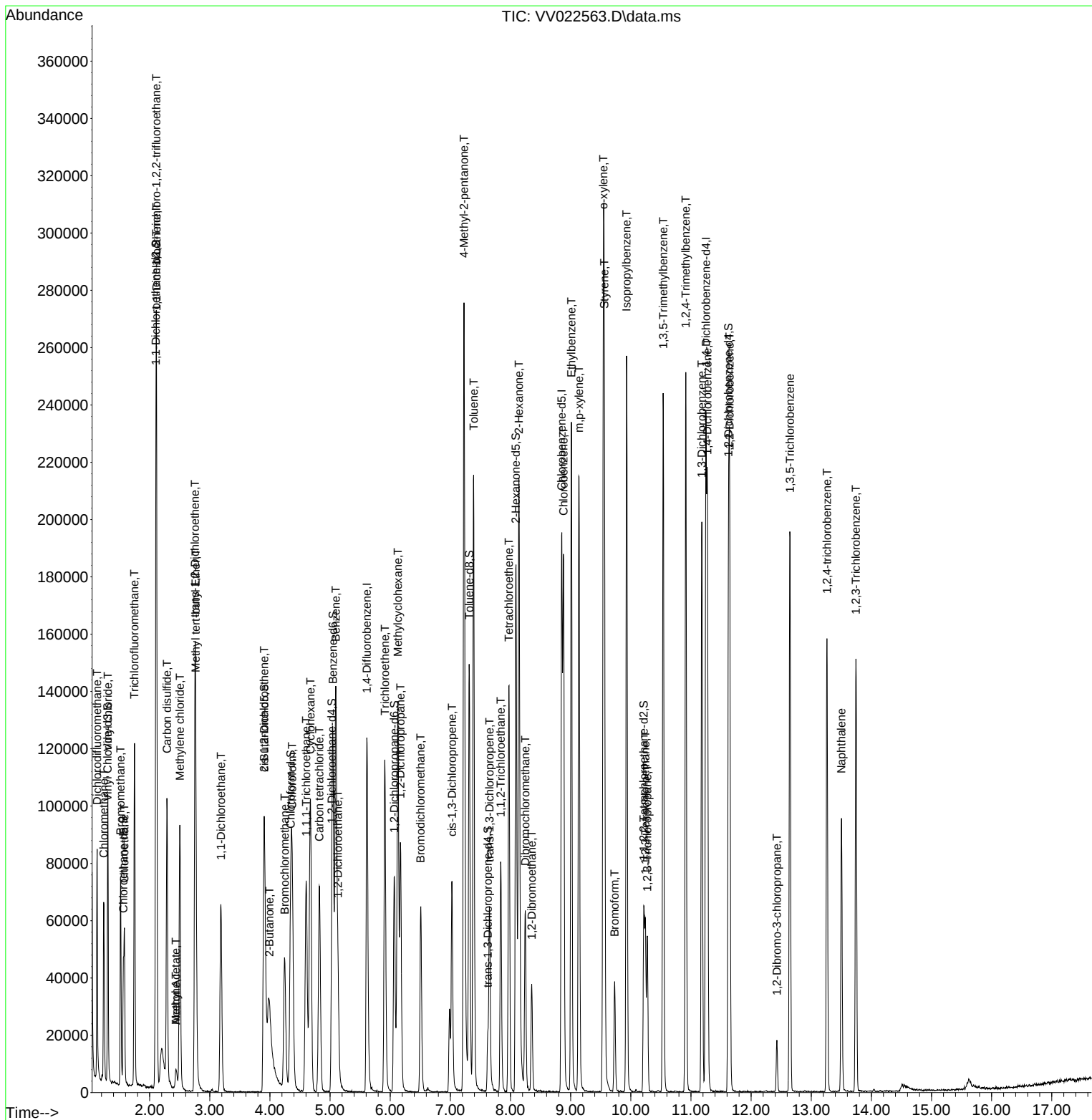
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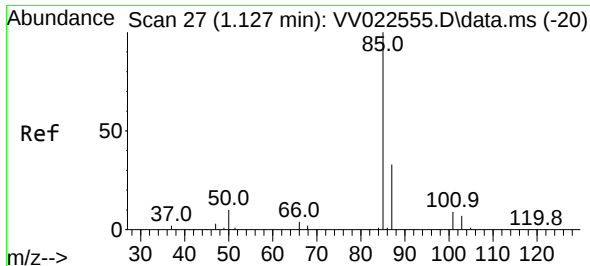
Quant Time: Oct 06 05:18:14 2021
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	37387	4.809	ug/L	96
29) 1,1,1-Trichloroethane	4.603	97	61031	4.993	ug/L	98
30) Cyclohexane	4.674	56	53253	4.808	ug/L	100
31) Carbon tetrachloride	4.822	117	53879	4.968	ug/L	99
33) Benzene	5.095	78	141837	4.919	ug/L	100
34) Trichloroethene	5.912	95	39801	4.750	ug/L	97
35) Methylcyclohexane	6.127	83	55914	4.762	ug/L	98
37) 1,2-Dichloropropane	6.172	63	34407	4.888	ug/L	100
38) Bromodichloromethane	6.506	83	43524	4.879	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	43518	4.587	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	195254	50.390	ug/L	99
42) Toluene	7.387	91	157789	5.209	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	37440	4.727	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	25977	4.943	ug/L	98
47) Tetrachloroethene	7.973	164	33048	5.072	ug/L	98
48) 2-Hexanone	8.140	43	142036	50.952	ug/L	98
49) Dibromochloromethane	8.246	129	32695	5.278	ug/L	99
50) 1,2-Dibromoethane	8.352	107	24748	5.066	ug/L	93
51) Chlorobenzene	8.883	112	101612	5.125	ug/L	98
52) Ethylbenzene	9.011	91	160714	5.170	ug/L	100
53) m,p-xylene	9.140	106	64637	5.454	ug/L	93
54) o-xylene	9.545	106	61247	5.194	ug/L	98
55) Styrene	9.561	104	106288	5.302	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	27758	4.868	ug/L	100
59) Bromoform	9.731	173	17746	5.089	ug/L	98
60) Isopropylbenzene	9.931	105	164087	5.135	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	20953	4.756	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	131398	5.072	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	135074	5.132	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	84217	5.148	ug/L	96
65) 1,4-Dichlorobenzene	11.275	146	83484	4.989	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	76667	5.030	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	3785	4.495	ug/L	88
69) 1,3,5-Trichlorobenzene	12.648	180	61710	5.039	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	49614	5.048	ug/L	99
71) Naphthalene	13.503	128	78271	4.860	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	46616	5.161	ug/L	98

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

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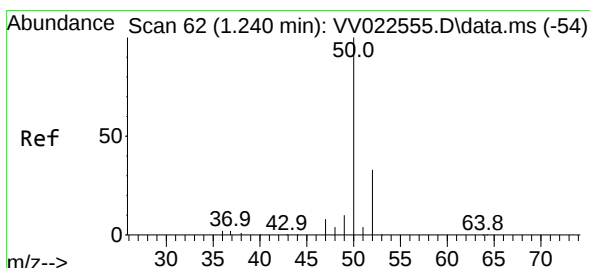
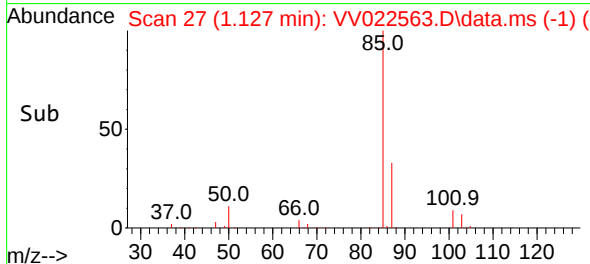
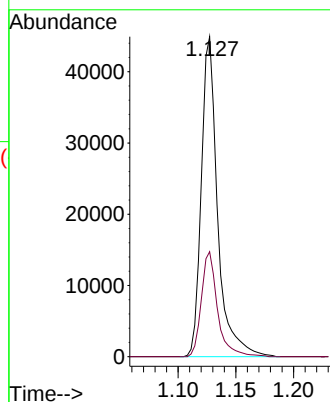
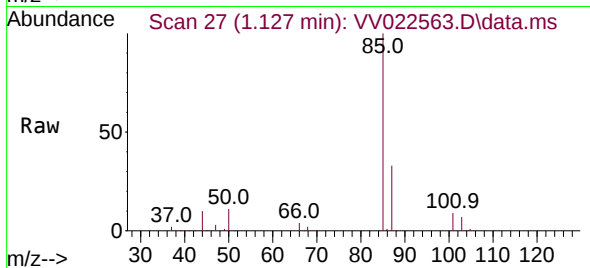




#2
 Dichlorodifluoromethane
 Concen: 5.200 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV022563.D
 Acq: 05 Oct 2021 09:45

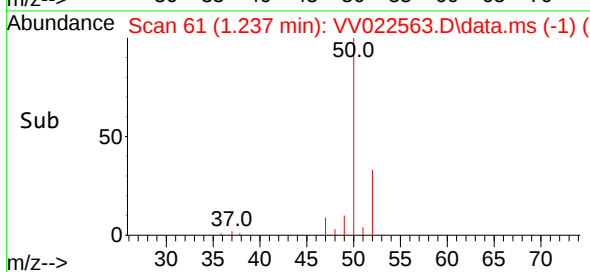
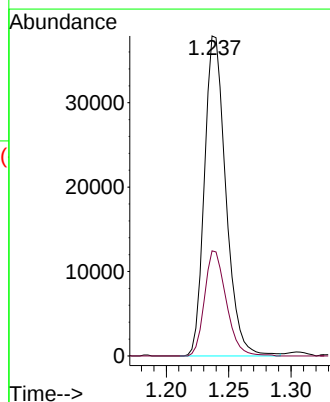
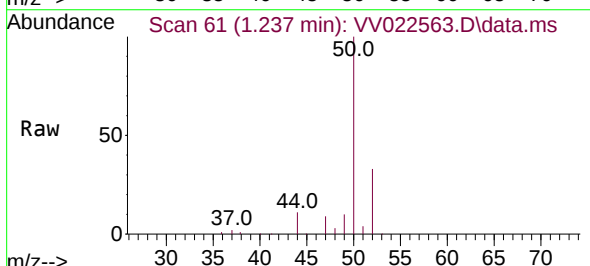
Instrument :
 MSVOA_V
 ClientSampled :

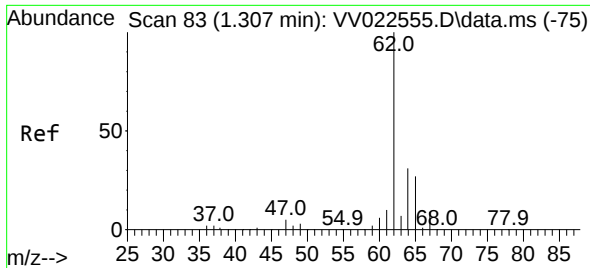
Tgt Ion: 85 Resp: 44238
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.4 38.0



#3
 Chloromethane
 Concen: 5.324 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV022563.D
 Acq: 05 Oct 2021 09:45

Tgt Ion: 50 Resp: 45344
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.0 42.8

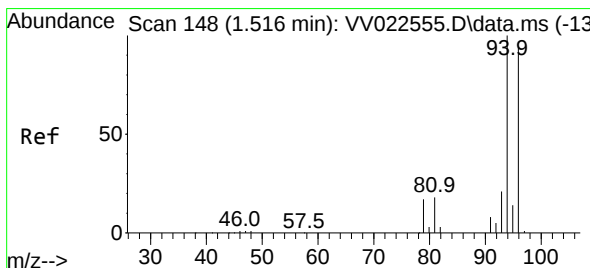
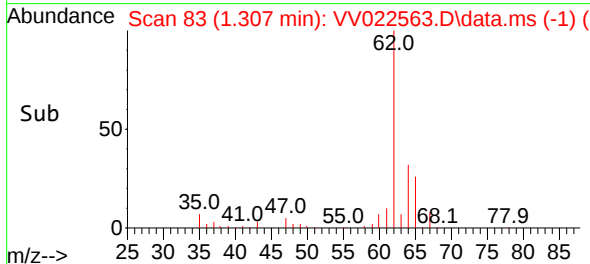
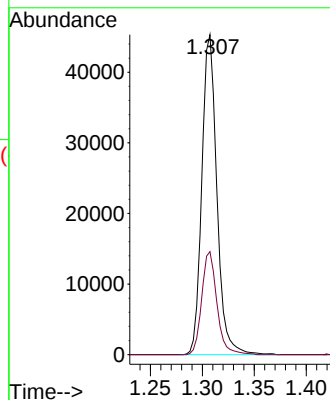
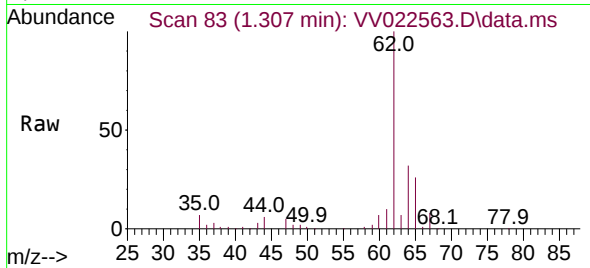




#5
 Vinyl chloride
 Concen: 5.310 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV022563.D
 Acq: 05 Oct 2021 09:45

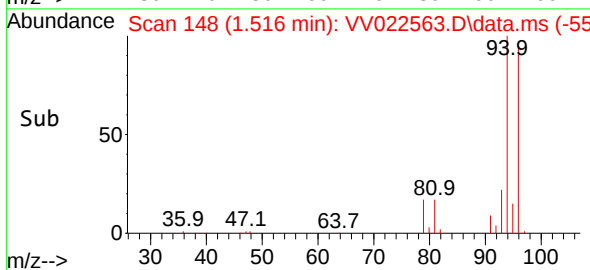
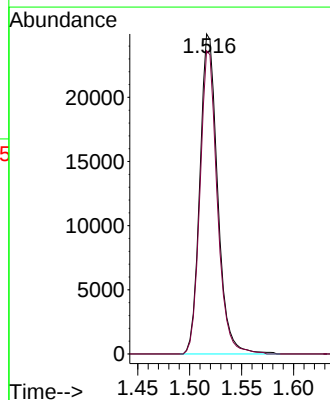
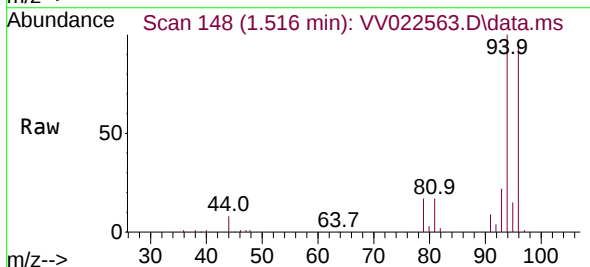
Instrument :
 MSVOA_V
 ClientSampled :

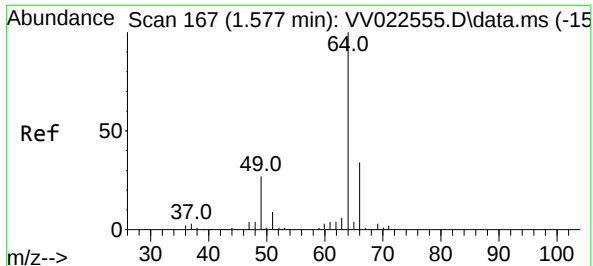
Tgt Ion: 62 Resp: 45650
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.3 41.5



#6
 Bromomethane
 Concen: 5.203 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV022563.D
 Acq: 05 Oct 2021 09:45

Tgt Ion: 94 Resp: 29689
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.9 122.3

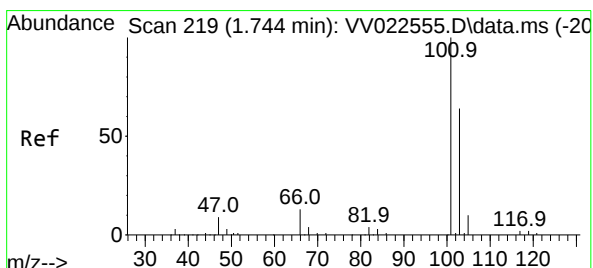
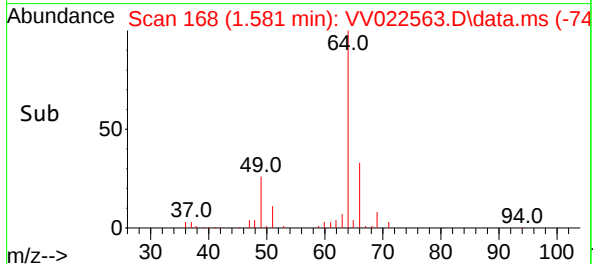
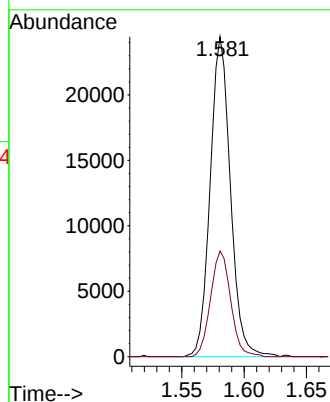
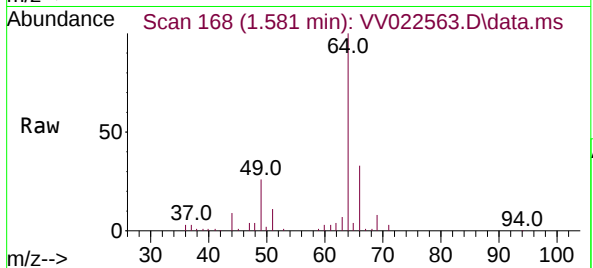




#8
Chloroethane
Concen: 5.053 ug/L
RT: 1.581 min Scan# 168
Delta R.T. 0.003 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

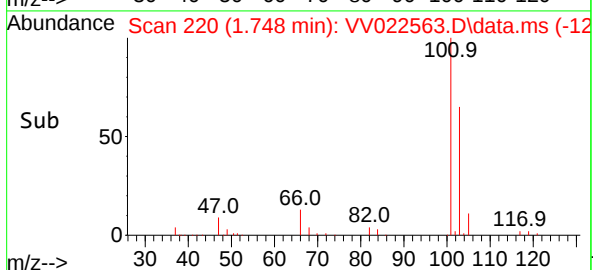
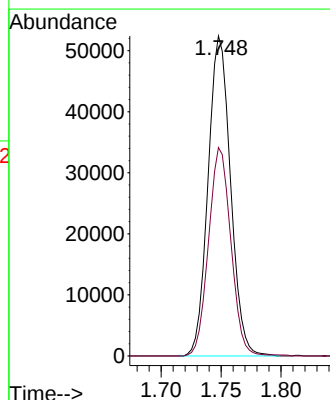
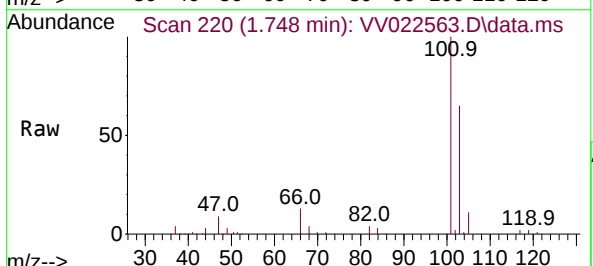
Instrument :
MSVOA_V
ClientSampled :

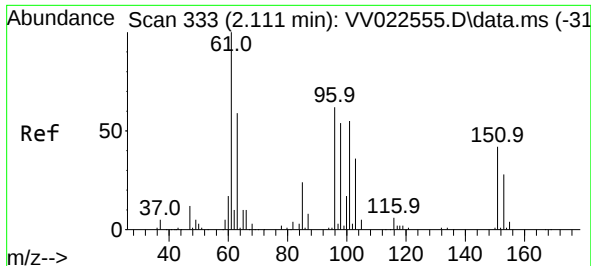
Tgt Ion: 64 Resp: 27628
Ion Ratio Lower Upper
64 100
66 33.0 23.2 43.0



#9
Trichlorofluoromethane
Concen: 5.301 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

Tgt Ion:101 Resp: 68175
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2





#10

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

Concen: 5.158 ug/L

RT: 2.111 min Scan# 333

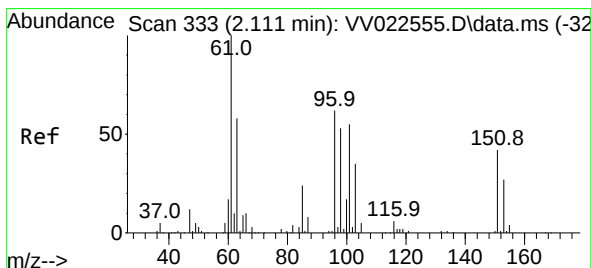
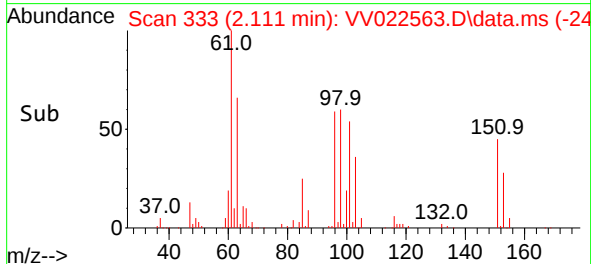
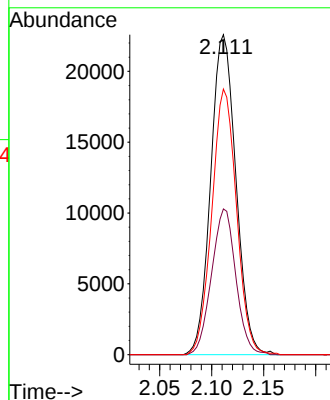
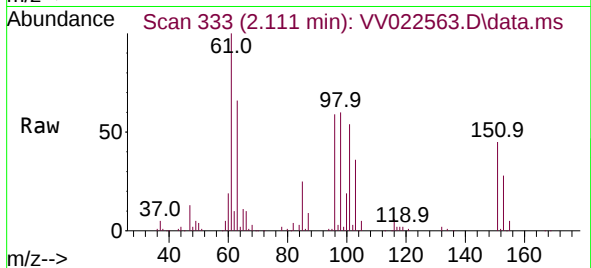
Delta R.T. 0.000 min

Lab File: VV022563.D

Acq: 05 Oct 2021 09:45

Tgt Ion:	101	Resp:	38140
Ion	Ratio	Lower	Upper
101	100		
85	43.8	35.8	53.6
151	81.2	61.9	92.9

Instrument :
MSVOA_V
ClientSampled :



#12

1,1-Dichloroethene

Concen: 5.412 ug/L

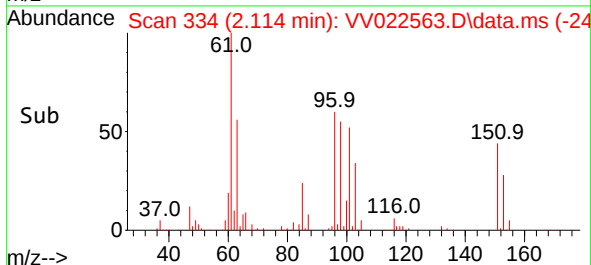
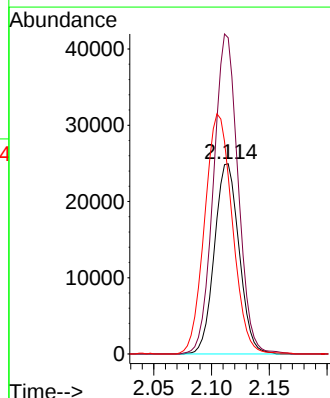
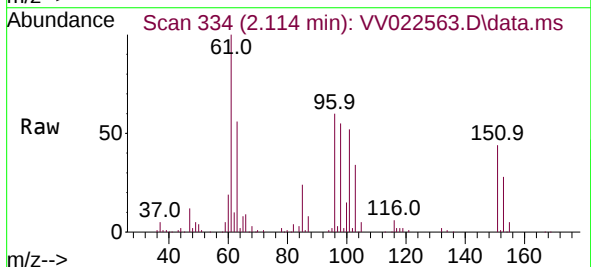
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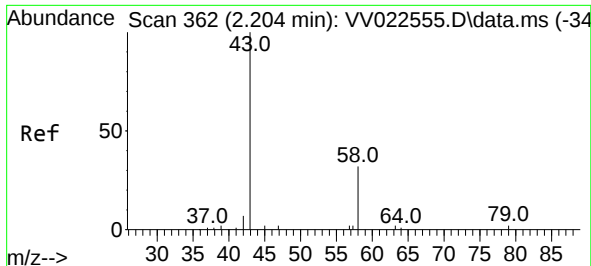
Delta R.T. 0.003 min

Lab File: VV022563.D

Acq: 05 Oct 2021 09:45

Tgt Ion:	96	Resp:	37030
Ion	Ratio	Lower	Upper
96	100		
61	166.2	113.2	210.2
63	93.6	66.6	123.8





#13

Acetone

Concen: 8.913 ug/L

RT: 2.436 min Scan# 434

Delta R.T. 0.232 min

Lab File: VV022563.D

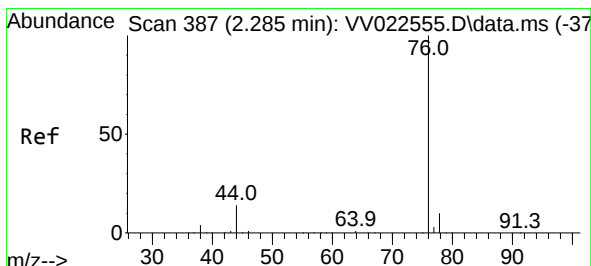
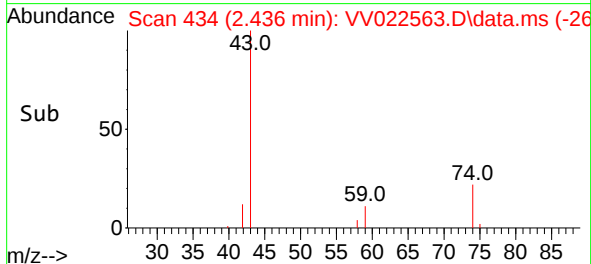
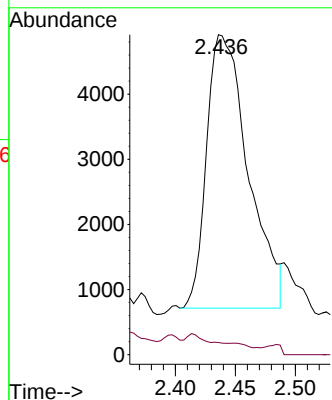
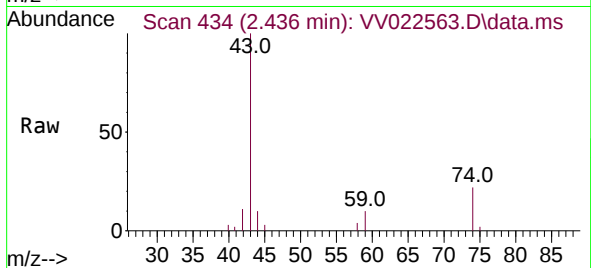
Acq: 05 Oct 2021 09:45

Tgt Ion: 43 Resp: 10139

Ion Ratio Lower Upper

43 100

58 10.4 0.0 17.6



#14

Carbon disulfide

Concen: 5.451 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV022563.D

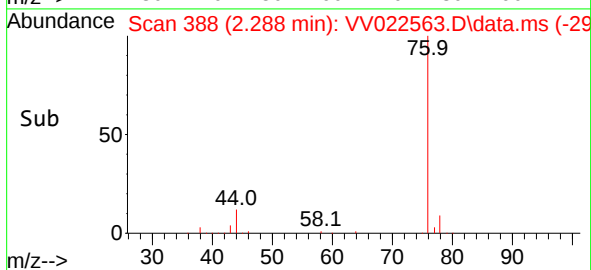
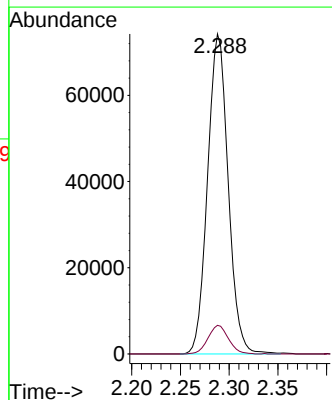
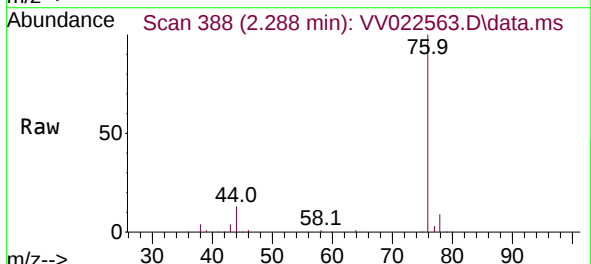
Acq: 05 Oct 2021 09:45

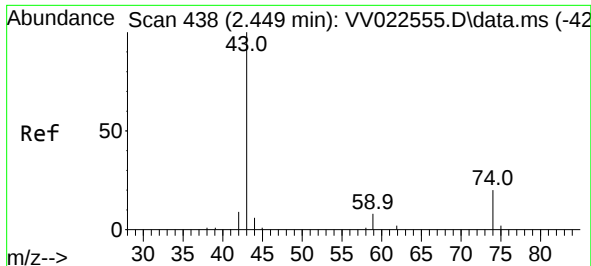
Tgt Ion: 76 Resp: 109103

Ion Ratio Lower Upper

76 100

78 9.0 7.8 11.6

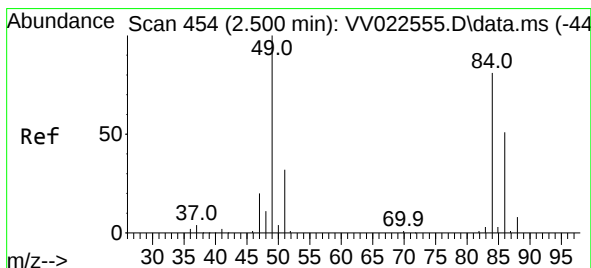
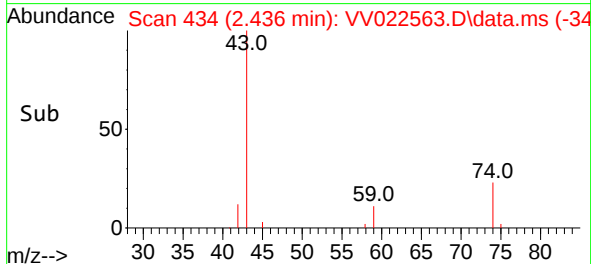
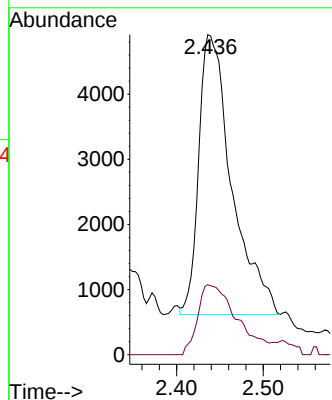
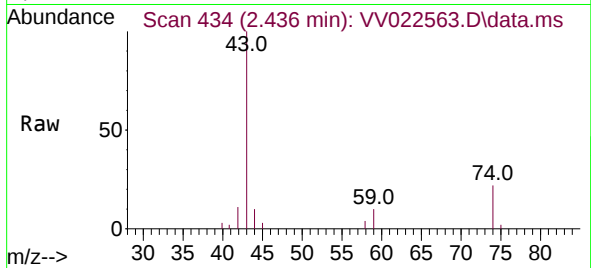




#15
Methyl Acetate
Concen: 3.393 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.013 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

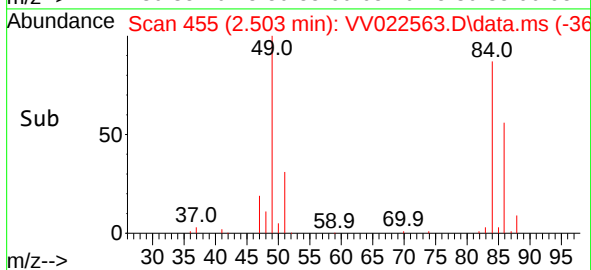
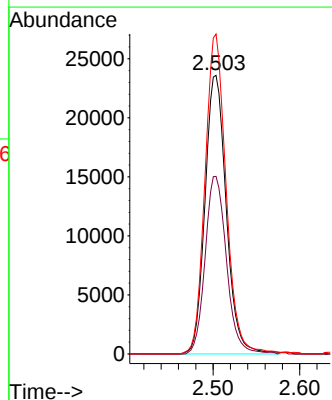
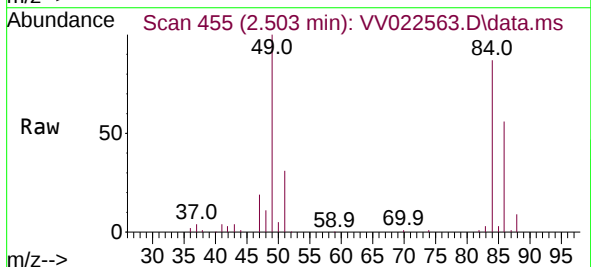
Instrument :
MSVOA_V
ClientSampleId :

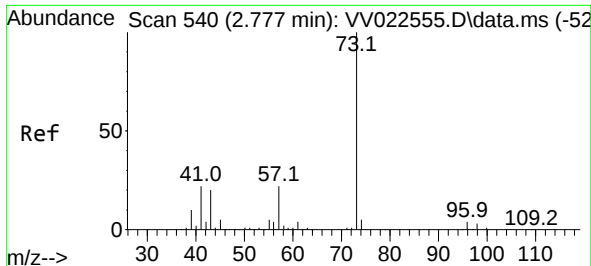
Tgt Ion: 43 Resp: 11366
Ion Ratio Lower Upper
43 100
74 29.8 13.0 19.4#



#16
Methylene chloride
Concen: 5.114 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

Tgt Ion: 84 Resp: 40318
Ion Ratio Lower Upper
84 100
86 63.7 44.0 81.8
49 114.8 85.9 159.5

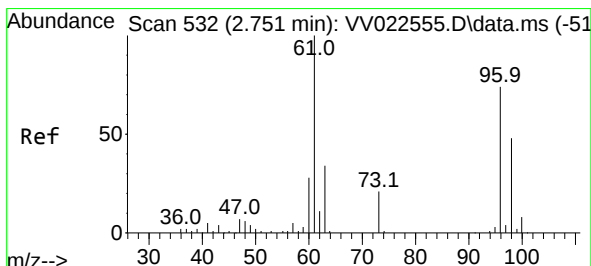
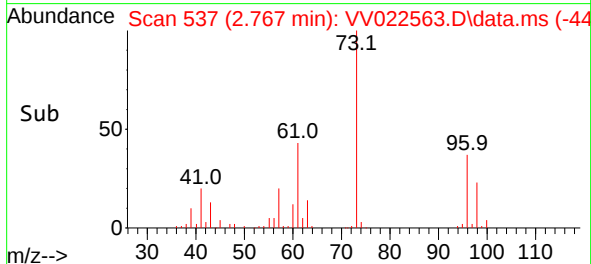
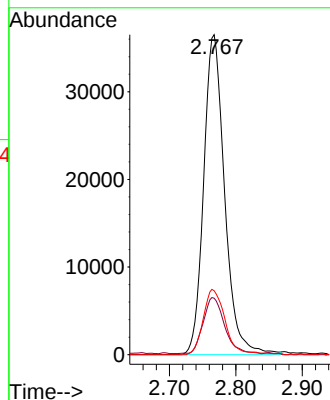
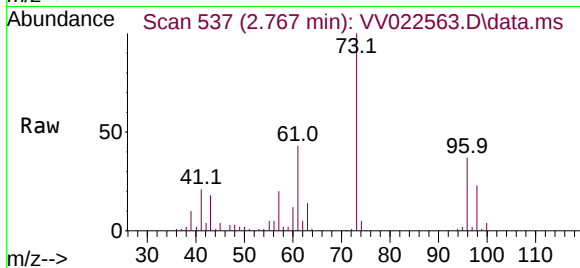




#17
Methyl tert-butyl Ether
Concen: 4.616 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.009 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

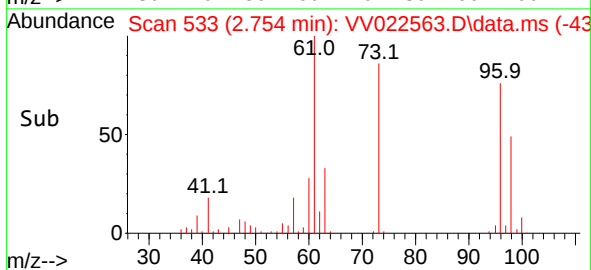
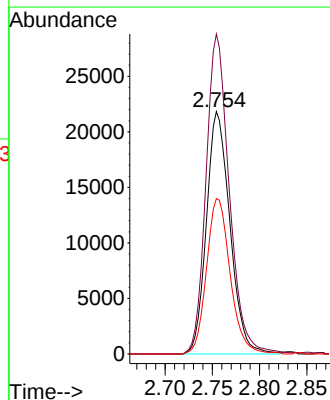
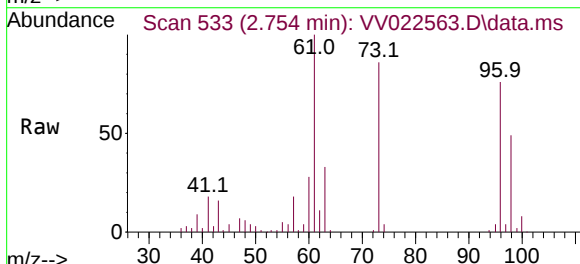
Instrument :
MSVOA_V
ClientSampleId :

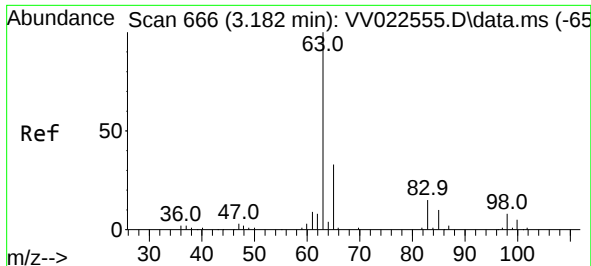
Tgt Ion: 73 Resp: 80266
Ion Ratio Lower Upper
73 100
43 18.3 16.3 24.5
57 21.4 17.5 26.3



#18
trans-1,2-Dichloroethene
Concen: 5.070 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

Tgt Ion: 96 Resp: 37807
Ion Ratio Lower Upper
96 100
61 132.0 94.0 174.6
98 64.1 44.9 83.3





#19

1,1-Dichloroethane

Concen: 4.905 ug/L

RT: 3.185 min Scan# 667

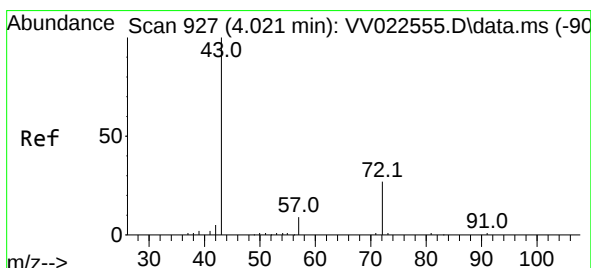
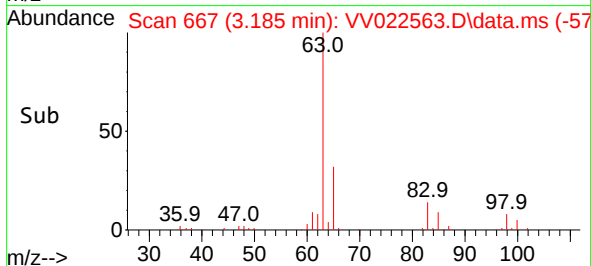
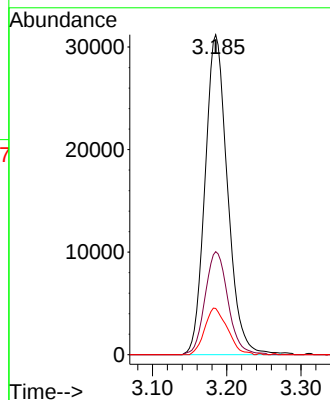
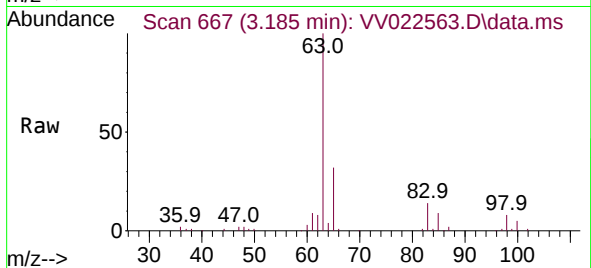
Delta R.T. 0.003 min

Lab File: VV022563.D

Acq: 05 Oct 2021 09:45

Tgt Ion:	63	Resp:	65625
Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.8	42.4
83	14.4	10.2	19.0

Instrument :
MSVOA_V
ClientSampleId :



#21

2-Butanone

Concen: 42.655 ug/L

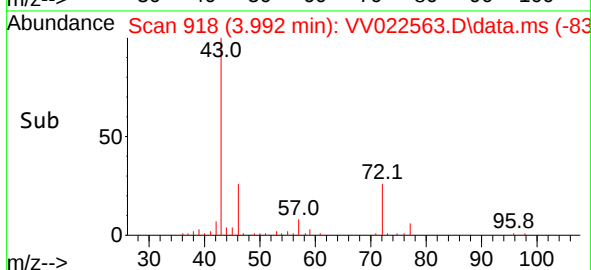
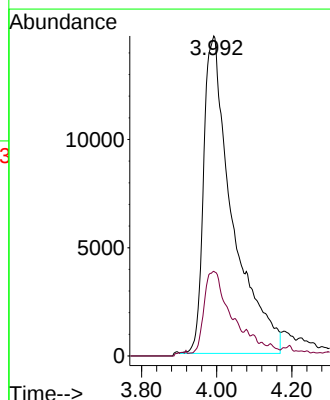
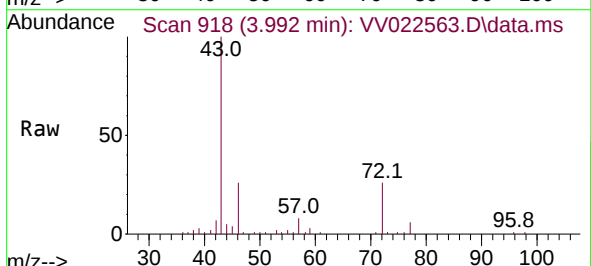
RT: 3.992 min Scan# 918

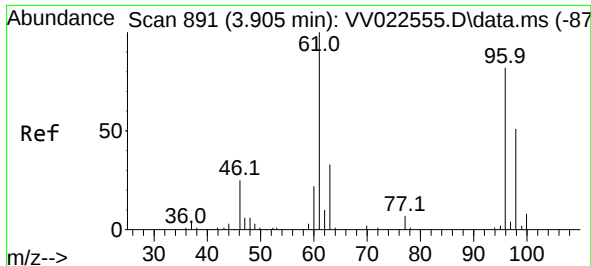
Delta R.T. -0.029 min

Lab File: VV022563.D

Acq: 05 Oct 2021 09:45

Tgt Ion:	43	Resp:	77680
Ion	Ratio	Lower	Upper
43	100		
72	19.0	12.7	38.1

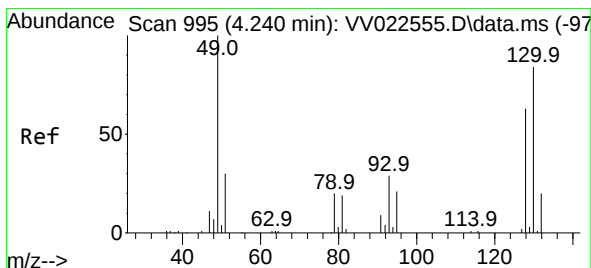
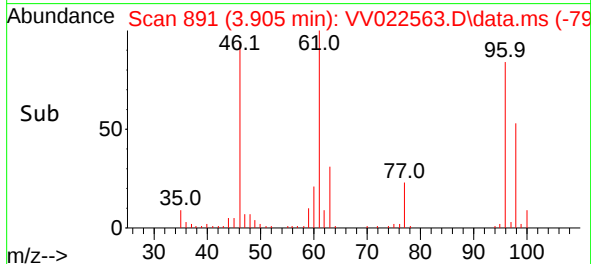
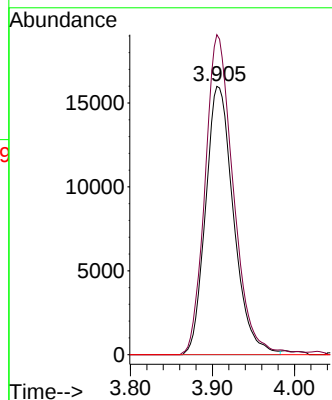
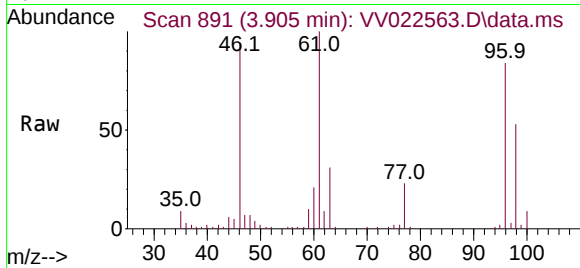




#22
cis-1,2-Dichloroethene
Concen: 4.694 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

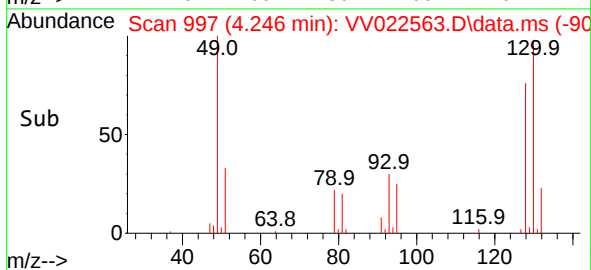
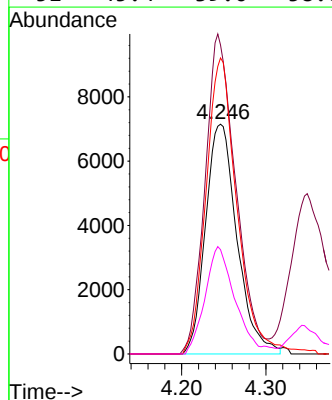
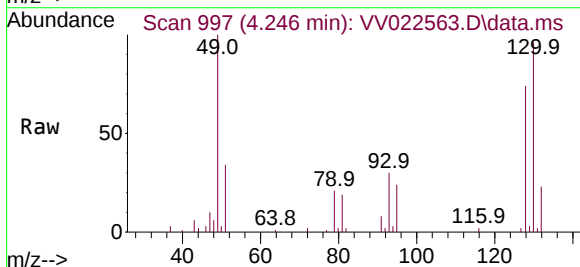
Instrument :
MSVOA_V
ClientSampleId :

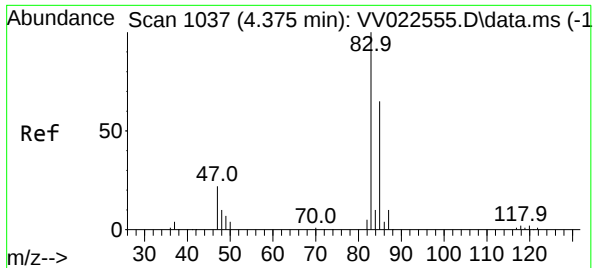
Tgt Ion:	96	Resp:	37979
Ion	Ratio	Lower	Upper
96	100		
61	119.3	85.6	159.0
68	0.0	0.0	0.0



#23
Bromochloromethane
Concen: 4.863 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.007 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

Tgt Ion:	128	Resp:	18520
Ion	Ratio	Lower	Upper
128	100		
49	134.5	110.7	205.5
130	128.8	93.2	173.2
51	45.4	39.0	58.6



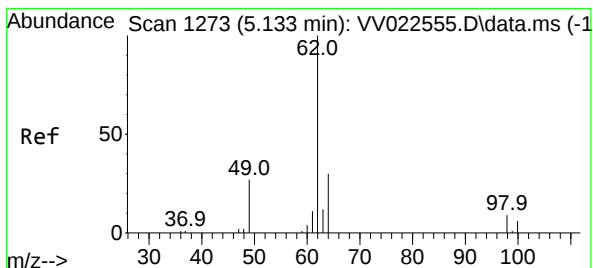
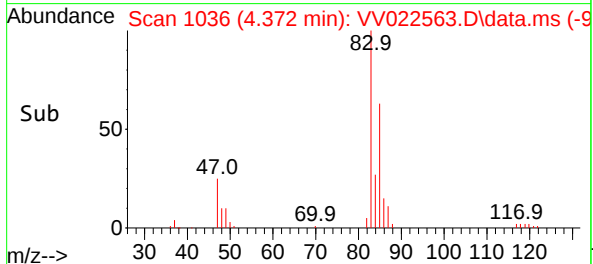
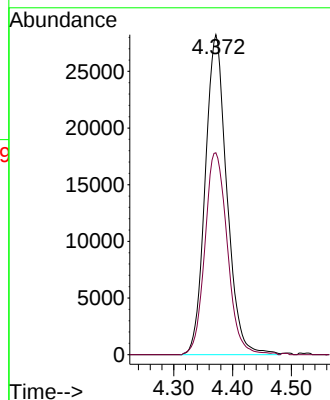
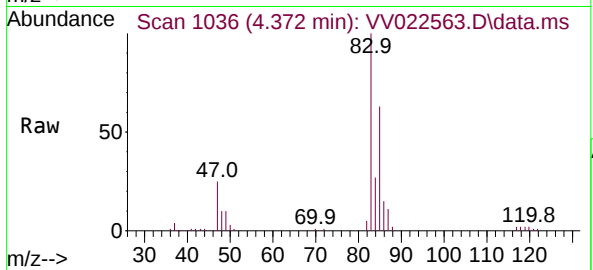


#25

Chloroform
Concen: 4.931 ug/L
RT: 4.372 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

Instrument :
MSVOA_V
ClientSampled :

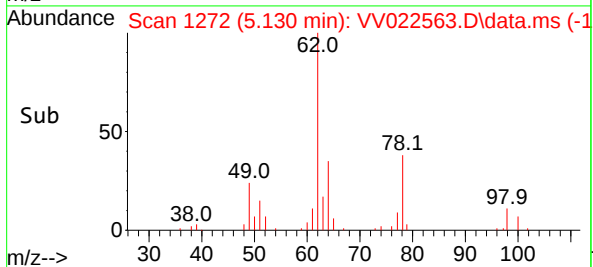
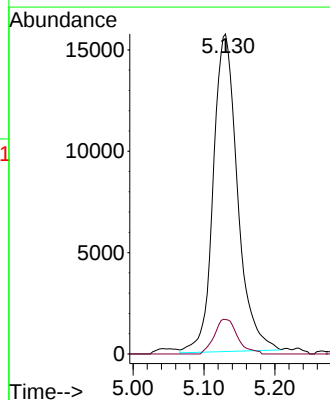
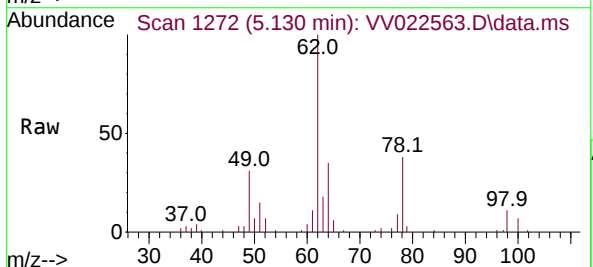
Tgt Ion: 83 Resp: 72029
Ion Ratio Lower Upper
83 100
85 63.1 45.6 84.8

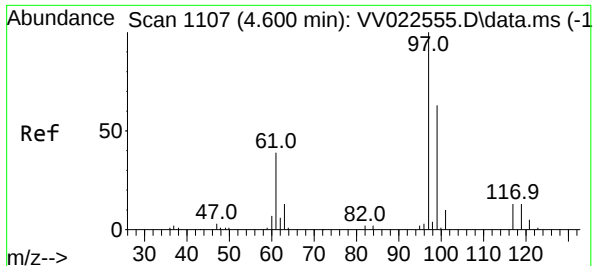


#27

1,2-Dichloroethane
Concen: 4.809 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

Tgt Ion: 62 Resp: 37387
Ion Ratio Lower Upper
62 100
98 10.8 7.4 11.2



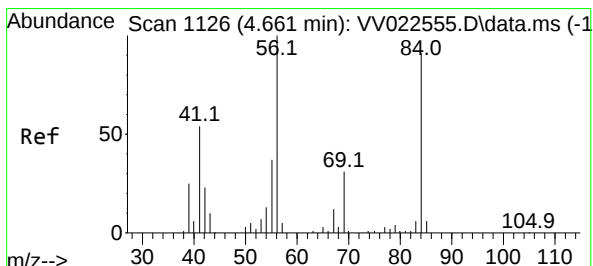
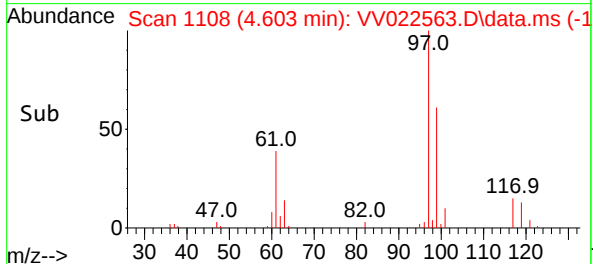
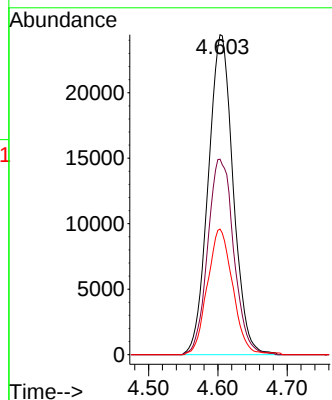
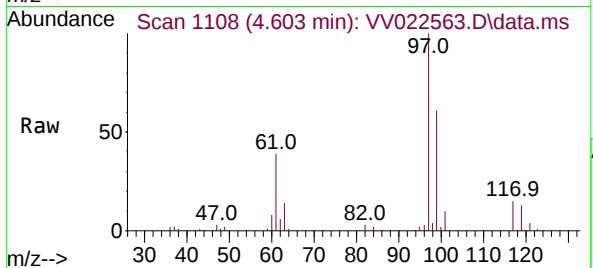


#29

1,1,1-Trichloroethane
Concen: 4.993 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. 0.003 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

Instrument :
MSVOA_V
ClientSampled :

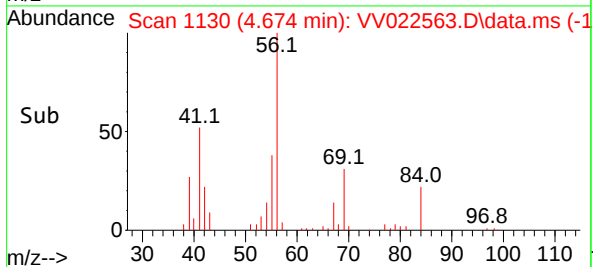
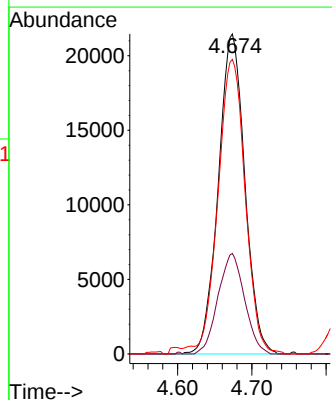
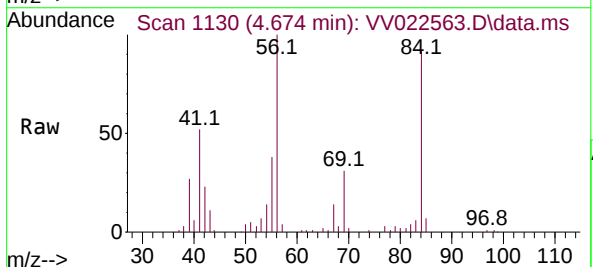
Tgt Ion: 97	Resp: 61031
Ion Ratio	Lower Upper
97 100	
99 63.8	49.8 74.6
61 39.7	32.5 48.7

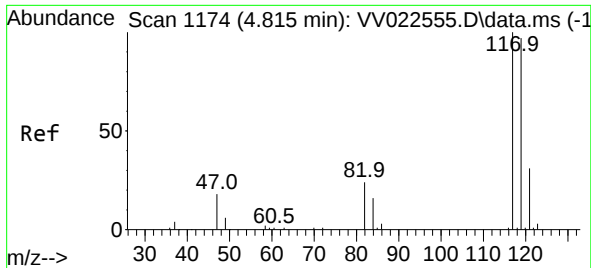


#30

Cyclohexane
Concen: 4.808 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. 0.013 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

Tgt Ion: 56	Resp: 53253
Ion Ratio	Lower Upper
56 100	
69 31.4	25.7 38.5
84 94.6	75.8 113.8

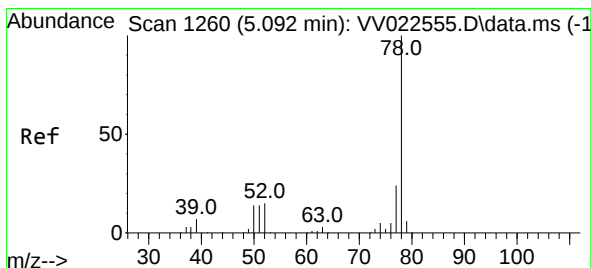
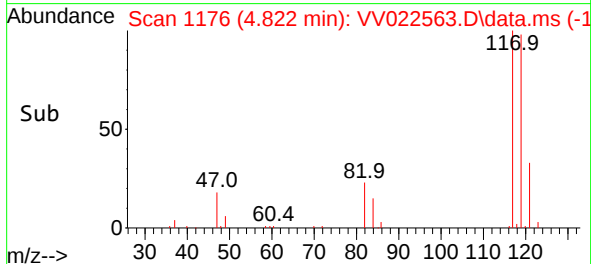
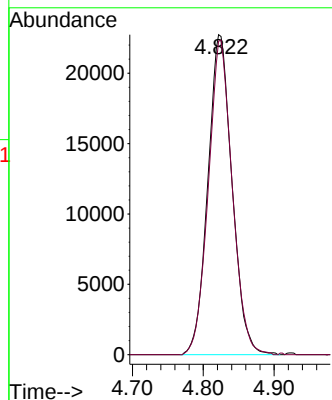
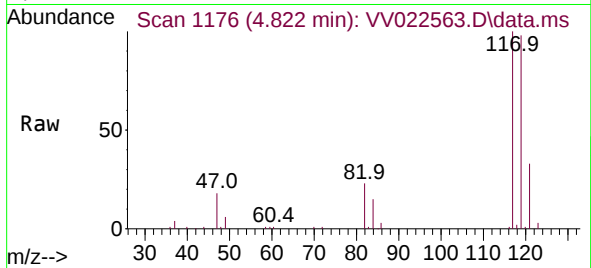




#31
Carbon tetrachloride
Concen: 4.968 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.007 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

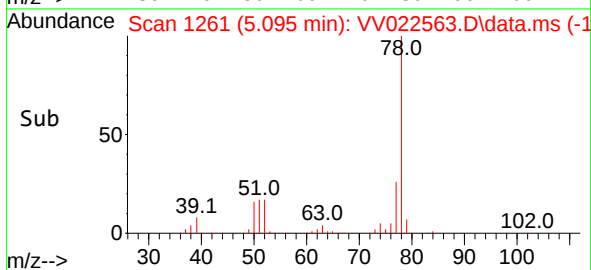
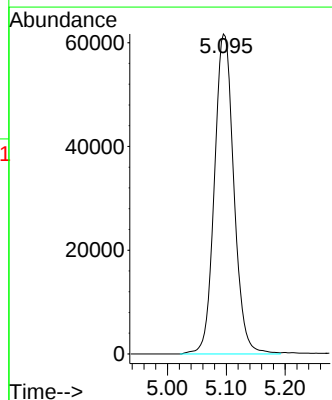
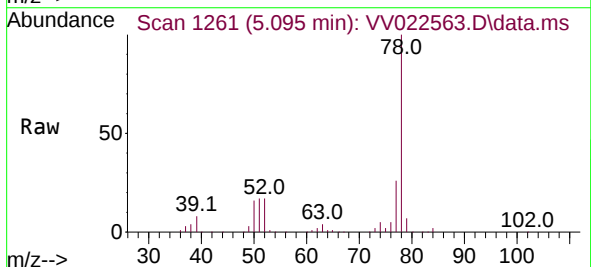
Instrument :
MSVOA_V
ClientSampled :

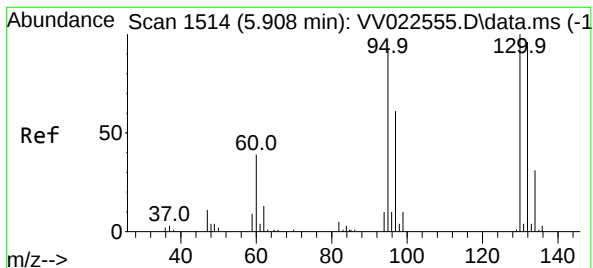
Tgt Ion:117 Resp: 53879
Ion Ratio Lower Upper
117 100
119 97.2 76.9 115.3



#33
Benzene
Concen: 4.919 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

Tgt Ion: 78 Resp: 141837



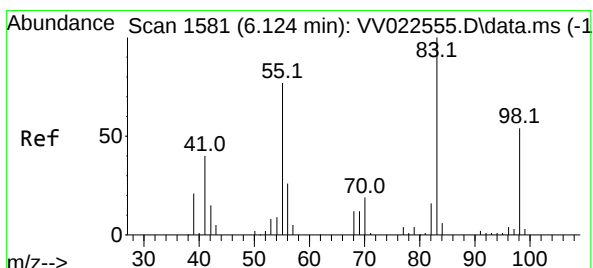
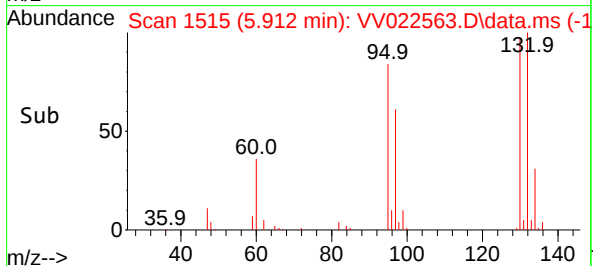
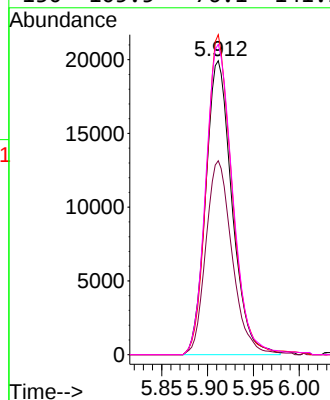
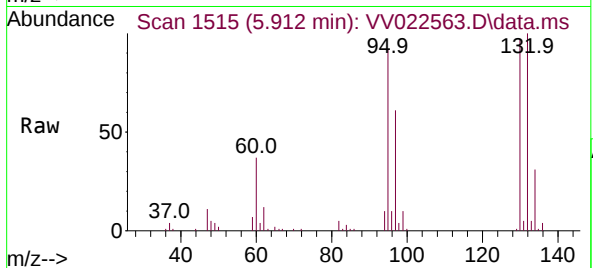


#34
Trichloroethene
Concen: 4.750 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 39801

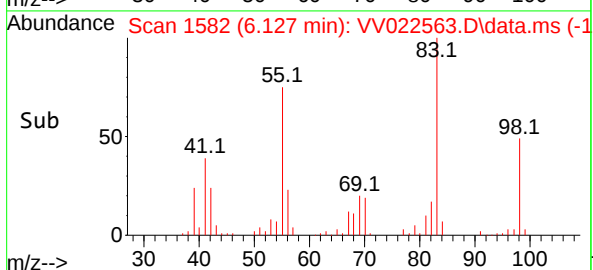
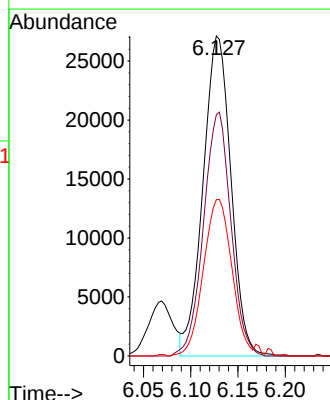
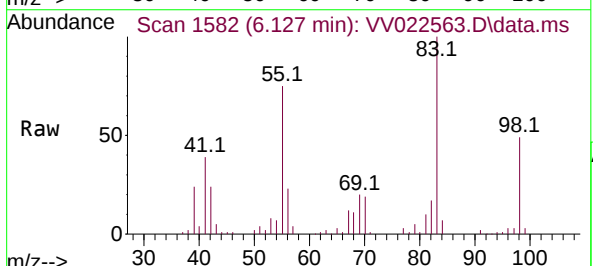
Ion	Ratio	Lower	Upper
95	100		
97	66.0	46.5	86.5
132	108.9	73.0	135.6
130	105.5	76.1	141.3

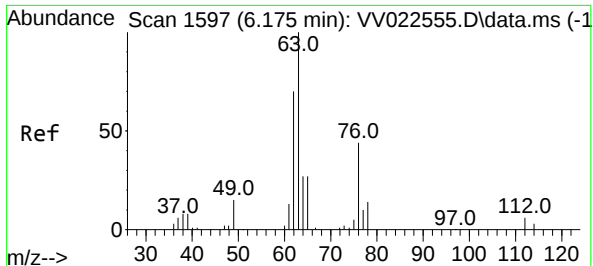


#35
Methylcyclohexane
Concen: 4.762 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

Tgt Ion: 83 Resp: 55914

Ion	Ratio	Lower	Upper
83	100		
55	74.6	57.8	86.8
98	49.6	39.8	59.8



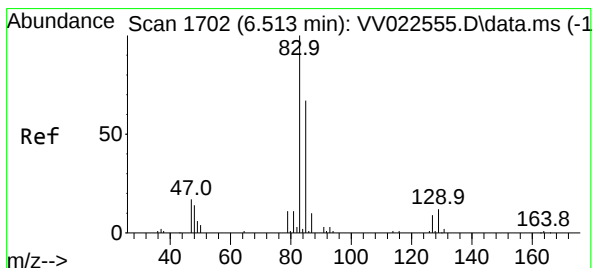
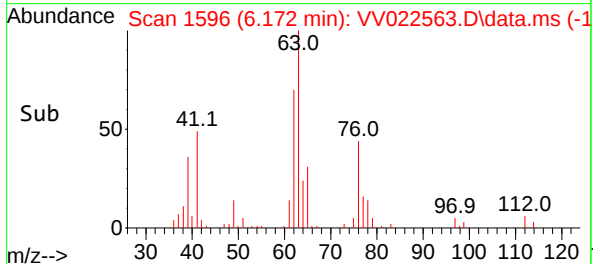
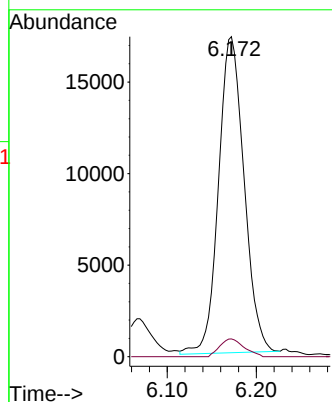
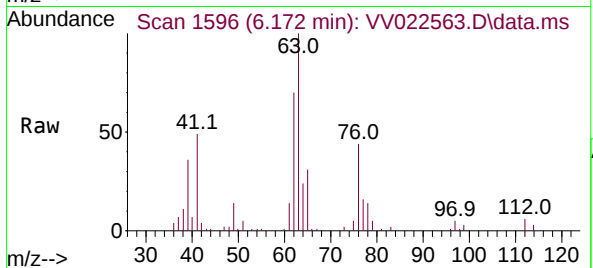


#37

1,2-Dichloropropane
Concen: 4.888 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.003 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

Instrument :
MSVOA_V
ClientSampled :

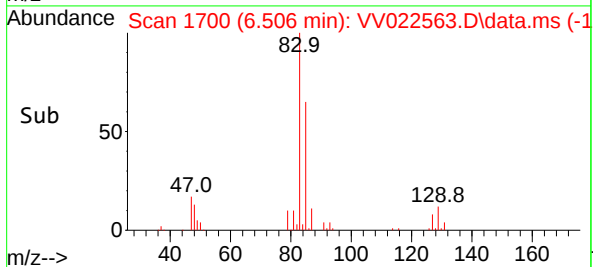
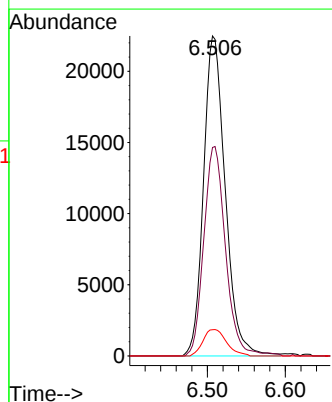
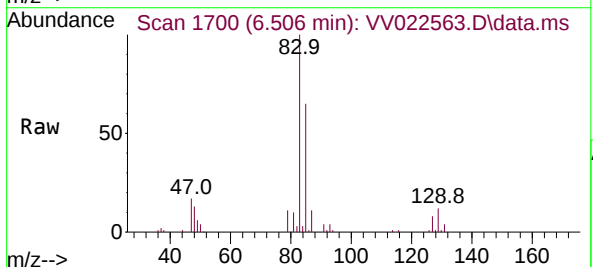
Tgt Ion: 63 Resp: 34407
Ion Ratio Lower Upper
63 100
112 5.3 4.3 6.5

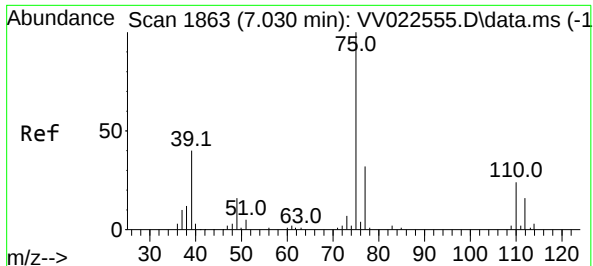


#38

Bromodichloromethane
Concen: 4.879 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

Tgt Ion: 83 Resp: 43524
Ion Ratio Lower Upper
83 100
85 65.1 47.2 87.6
127 8.2 7.4 11.2

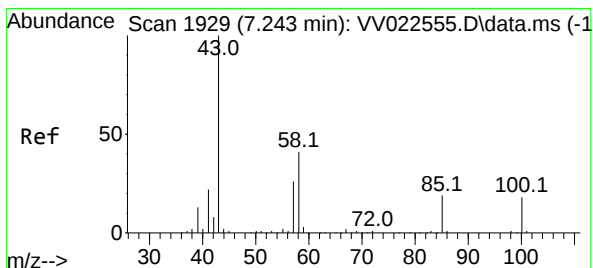
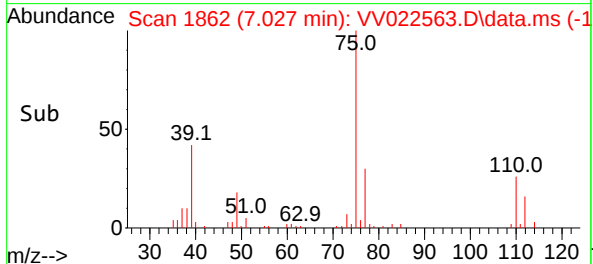
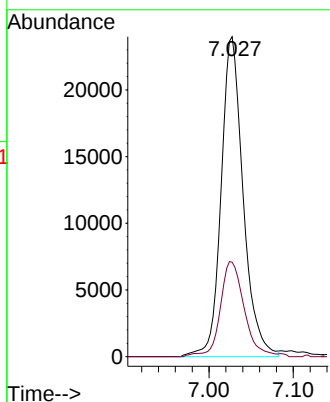
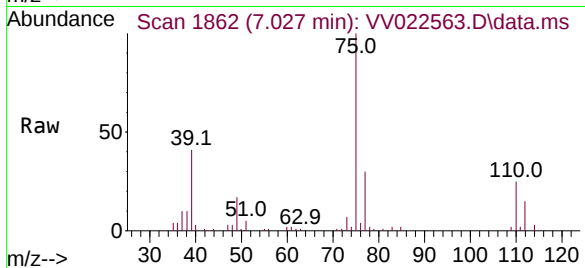




#39
 cis-1,3-Dichloropropene
 Concen: 4.587 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.003 min
 Lab File: VV022563.D
 Acq: 05 Oct 2021 09:45

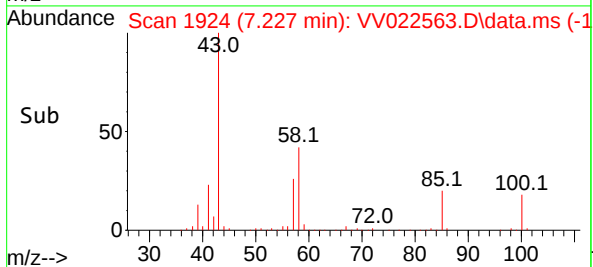
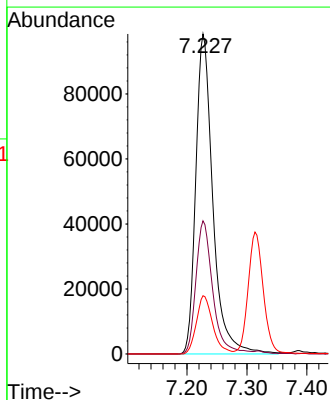
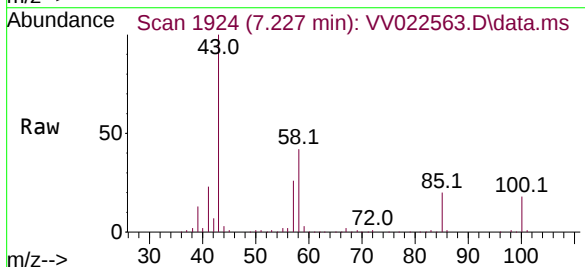
Instrument :
 MSVOA_V
 ClientSampled :

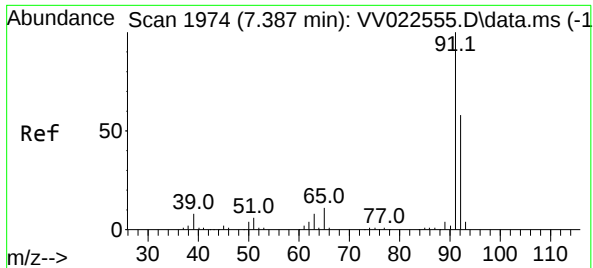
Tgt Ion: 75 Resp: 43518
 Ion Ratio Lower Upper
 75 100
 77 29.5 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 50.390 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. -0.016 min
 Lab File: VV022563.D
 Acq: 05 Oct 2021 09:45

Tgt Ion: 43 Resp: 195254
 Ion Ratio Lower Upper
 43 100
 58 41.0 32.3 48.5
 100 17.4 13.8 20.6

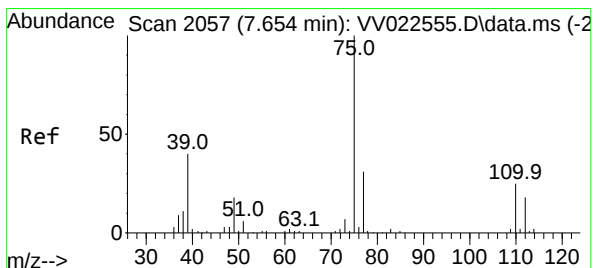
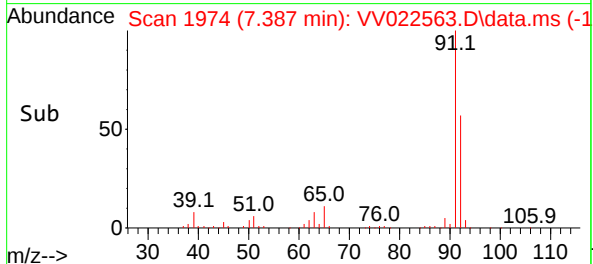
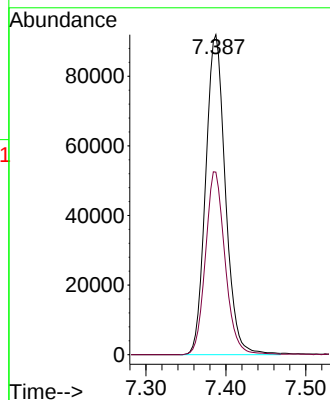
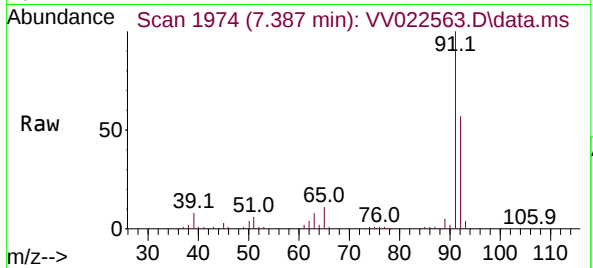




#42
Toluene
Concen: 5.209 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

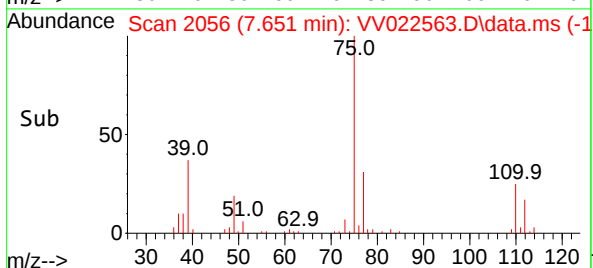
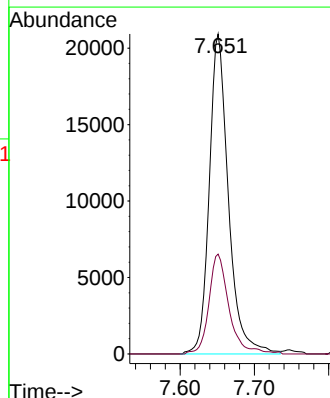
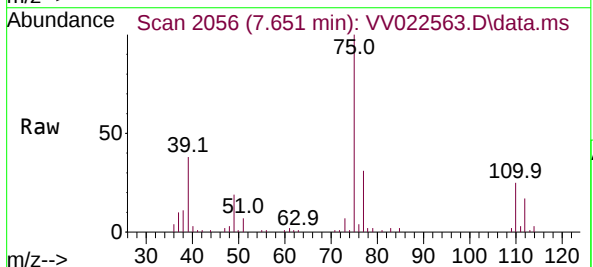
Instrument :
MSVOA_V
ClientSampled :

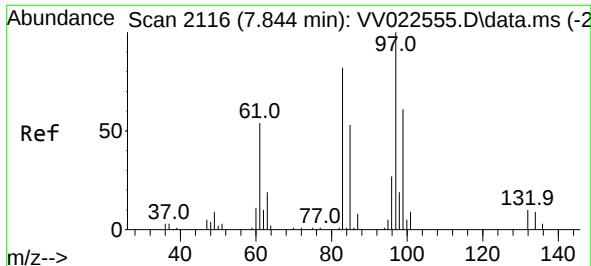
Tgt Ion: 91 Resp: 157789
Ion Ratio Lower Upper
91 100
92 57.1 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 4.727 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

Tgt Ion: 75 Resp: 37440
Ion Ratio Lower Upper
75 100
77 31.2 21.8 40.6



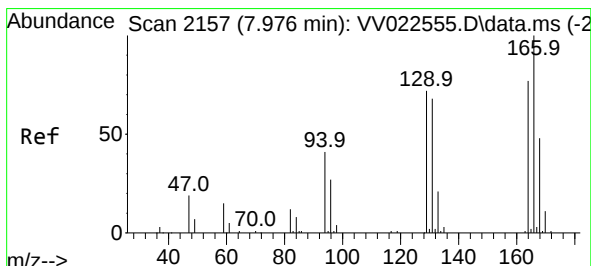
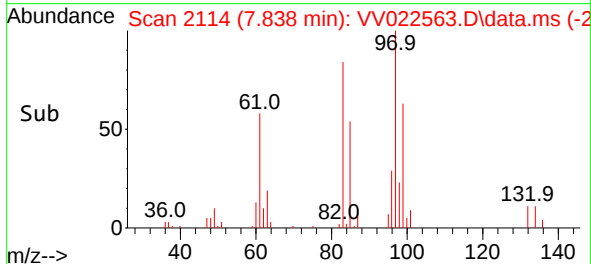
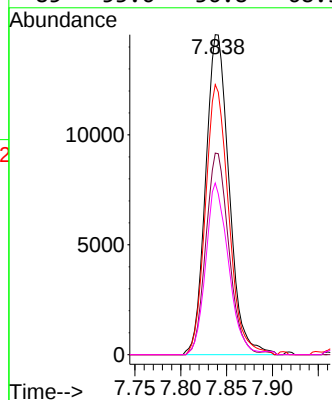
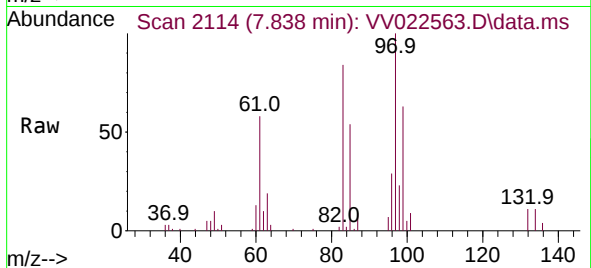


#45

1,1,2-Trichloroethane
Concen: 4.943 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.006 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

Instrument :
MSVOA_V
ClientSampled :

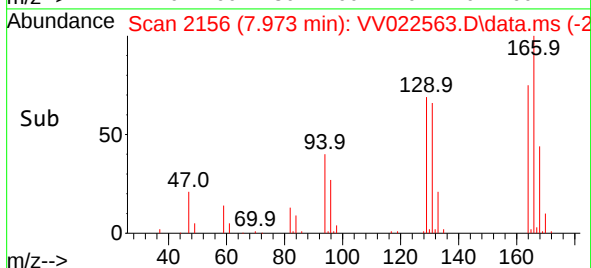
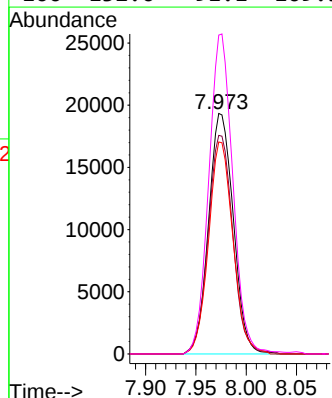
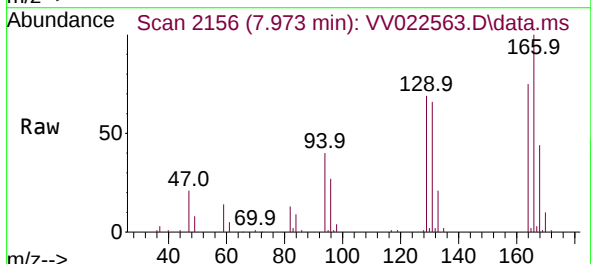
Tgt Ion: 97	Resp: 25977
Ion Ratio	Lower Upper
97 100	
99 63.0	42.6 79.0
83 84.4	57.7 107.1
85 53.6	36.8 68.3

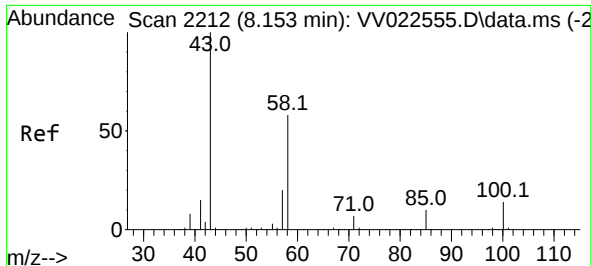


#47

Tetrachloroethene
Concen: 5.072 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

Tgt Ion: 164	Resp: 33048
Ion Ratio	Lower Upper
164 100	
129 90.9	65.5 121.6
131 88.1	62.4 116.0
166 132.6	91.1 169.3

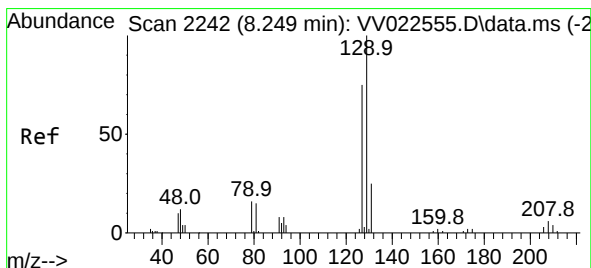
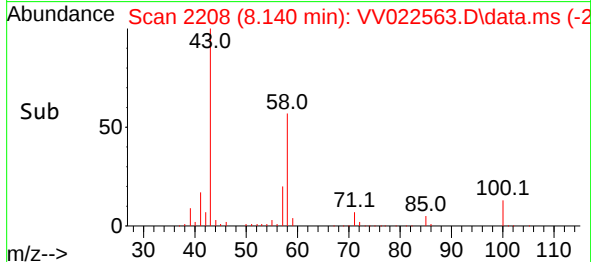
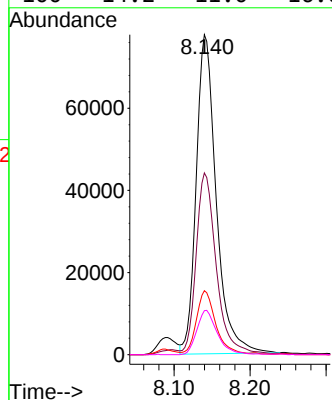
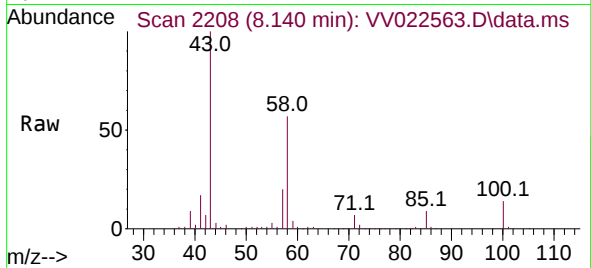




#48
2-Hexanone
Concen: 50.952 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.013 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

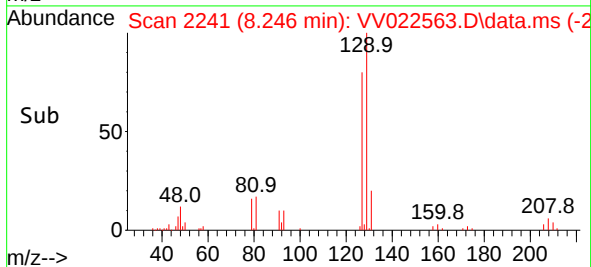
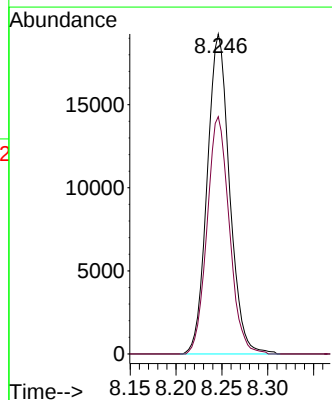
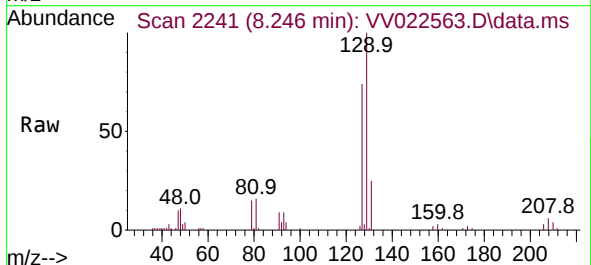
Instrument :
MSVOA_V
ClientSampled :

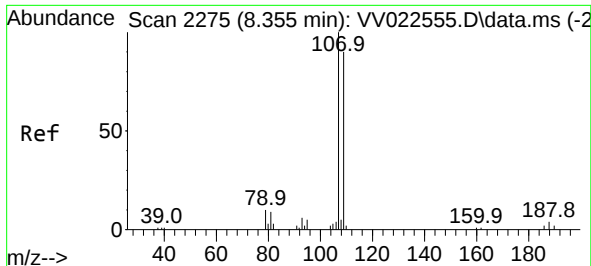
Tgt	Ion: 43	Resp:	142036
Ion	Ratio	Lower	Upper
43	100		
58	56.6	46.4	69.6
57	18.6	16.3	24.5
100	14.2	11.0	16.6



#49
Dibromochloromethane
Concen: 5.278 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

Tgt Ion:129	Resp: 32695		
Ion Ratio	Lower	Upper	
129 100			
127 74.1	52.6	97.6	





#50

1,2-Dibromoethane

Concen: 5.066 ug/L

RT: 8.352 min Scan# 2274

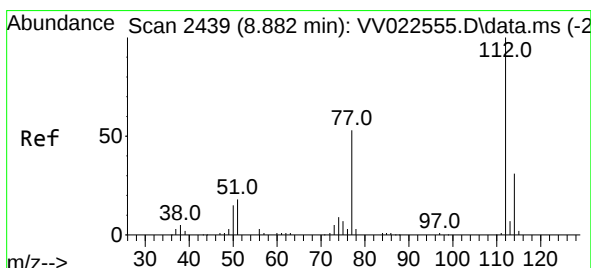
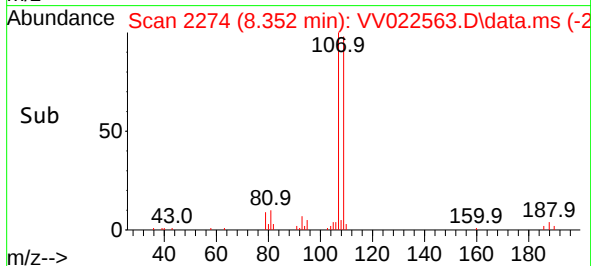
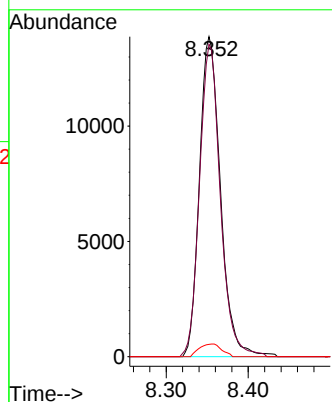
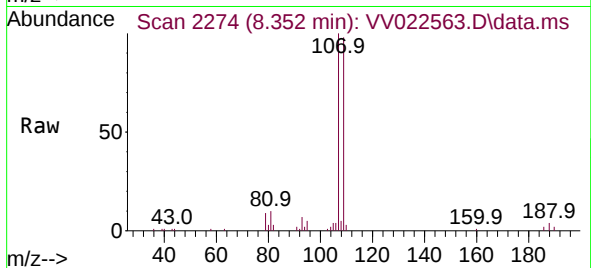
Delta R.T. -0.003 min

Lab File: VV022563.D

Acq: 05 Oct 2021 09:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	107	Resp:	24748
Ion	Ratio	Lower	Upper
107	100		
109	97.6	63.2	117.4
188	3.8	3.4	5.2



#51

Chlorobenzene

Concen: 5.125 ug/L

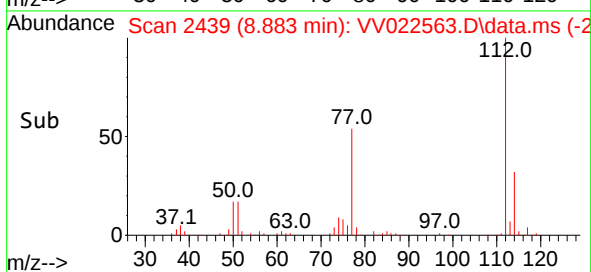
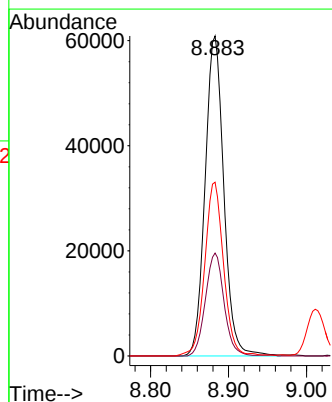
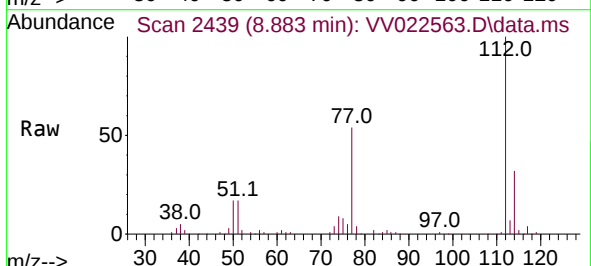
RT: 8.883 min Scan# 2439

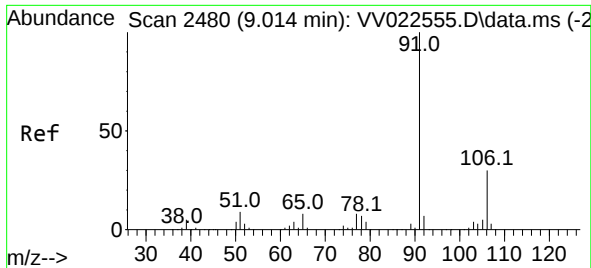
Delta R.T. 0.000 min

Lab File: VV022563.D

Acq: 05 Oct 2021 09:45

Tgt Ion:	112	Resp:	101612
Ion	Ratio	Lower	Upper
112	100		
114	32.1	21.6	40.2
77	54.3	42.8	64.2

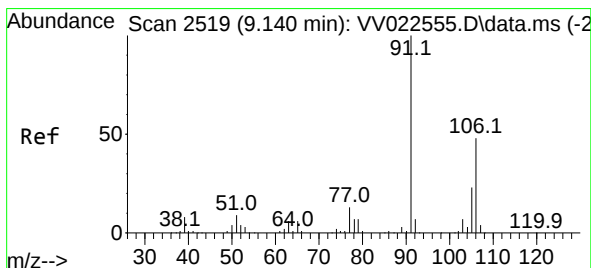
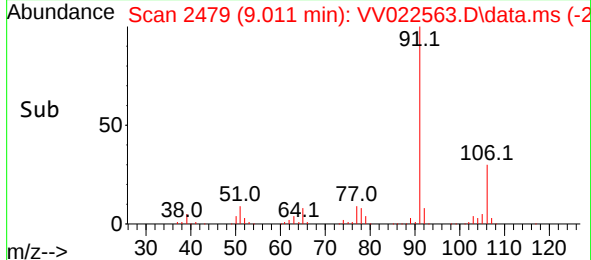
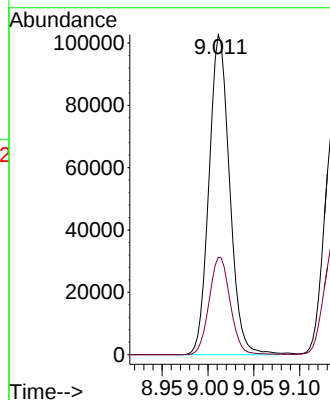
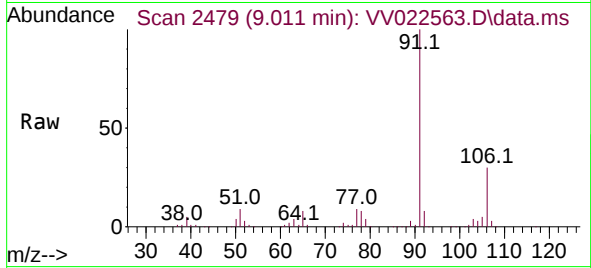




#52
Ethylbenzene
Concen: 5.170 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

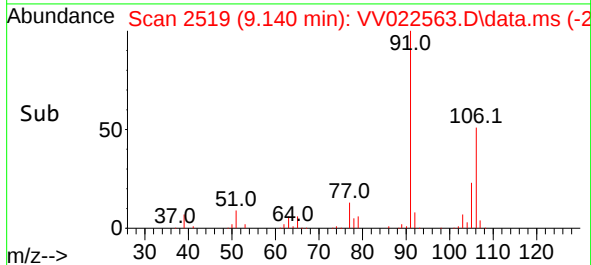
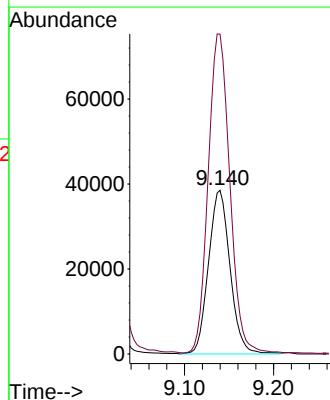
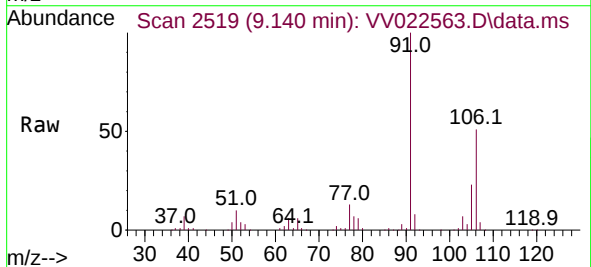
Instrument :
MSVOA_V
ClientSampled :

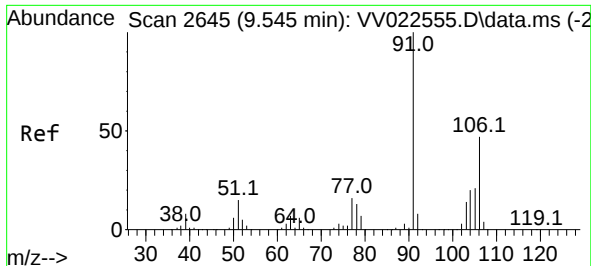
Tgt Ion: 91 Resp: 160714
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.6



#53
m,p-xylene
Concen: 5.454 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

Tgt Ion: 106 Resp: 64637
Ion Ratio Lower Upper
106 100
91 195.4 144.8 269.0

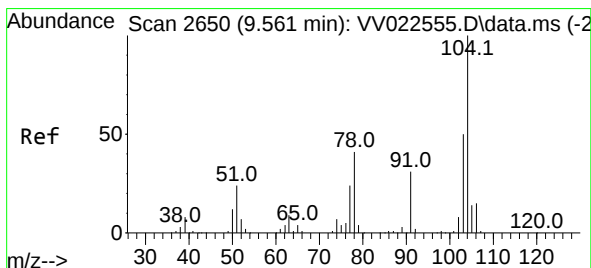
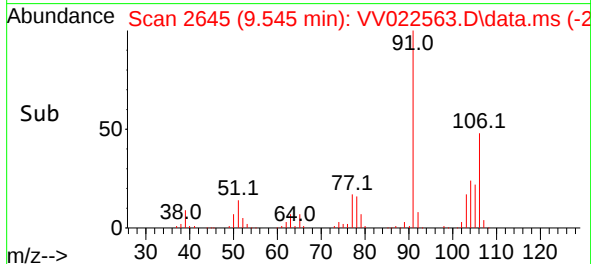
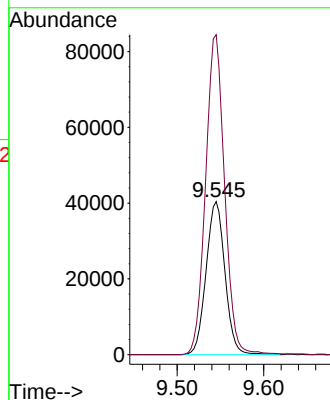
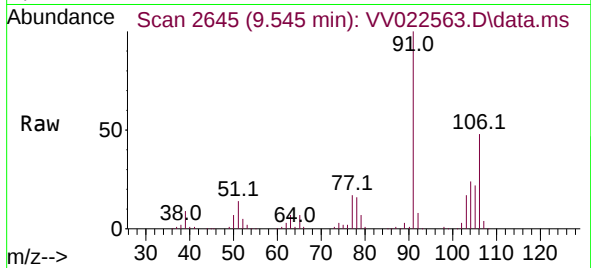




#54
o-xylene
Concen: 5.194 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

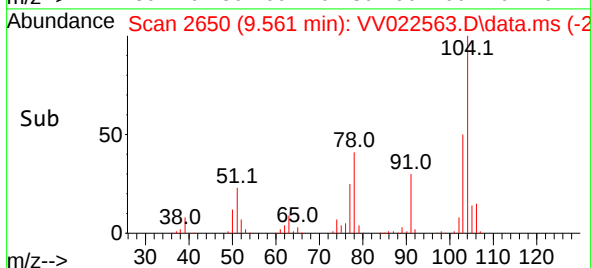
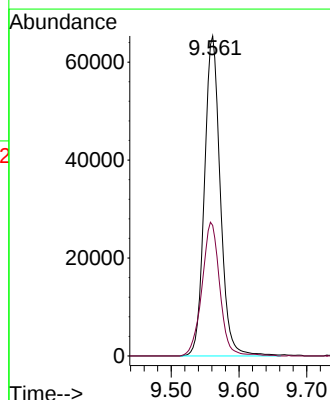
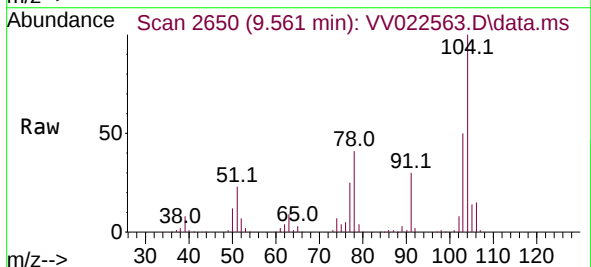
Instrument :
MSVOA_V
ClientSampled :

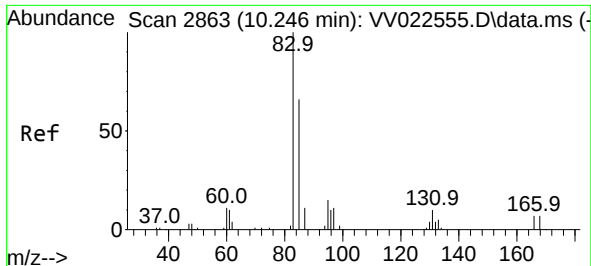
Tgt Ion:106 Resp: 61247
Ion Ratio Lower Upper
106 100
91 208.9 148.8 276.4



#55
Styrene
Concen: 5.302 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

Tgt Ion:104 Resp: 106288
Ion Ratio Lower Upper
104 100
78 40.8 28.7 53.3

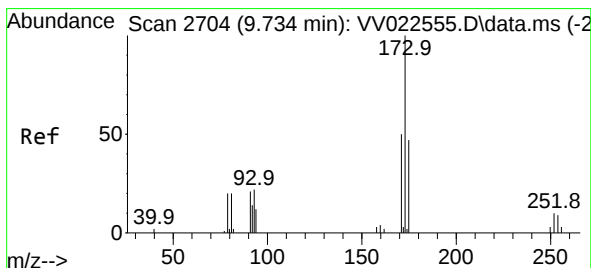
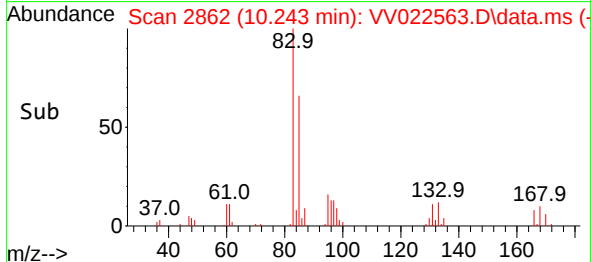
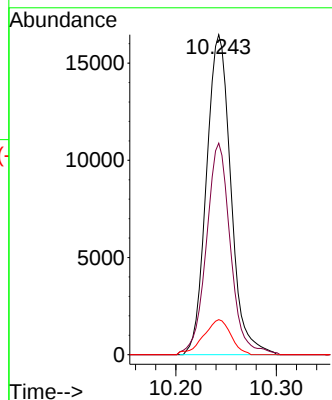
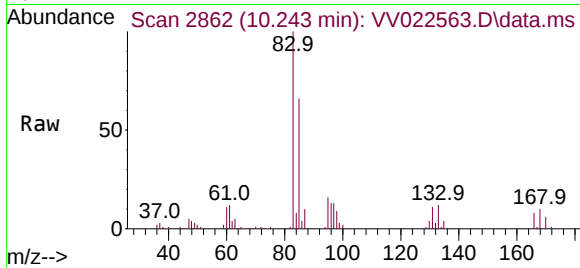




#57
1,1,2,2-Tetrachloroethane
Concen: 4.868 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.003 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

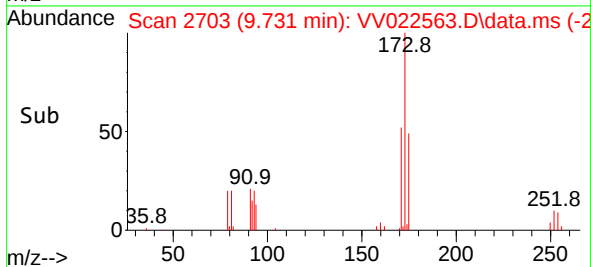
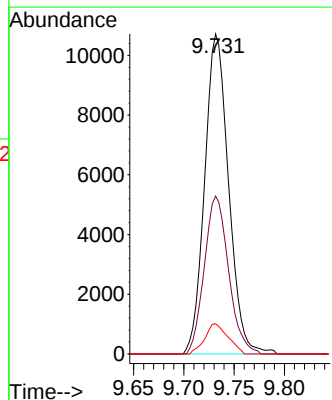
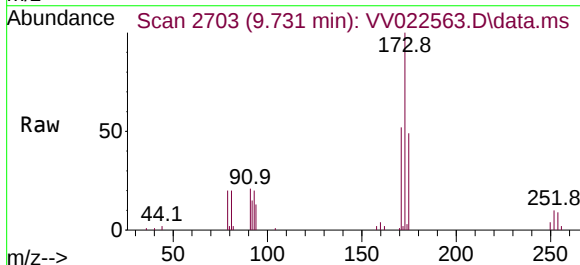
Instrument :
MSVOA_V
ClientSampleId :

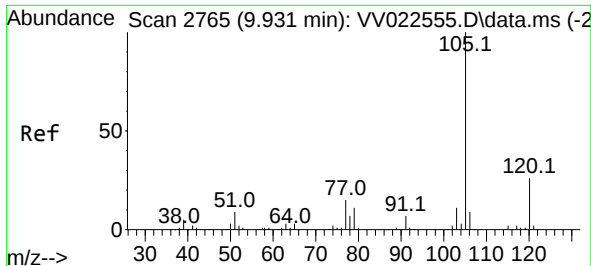
Tgt Ion: 83 Resp: 27758
Ion Ratio Lower Upper
83 100
85 66.1 46.5 86.3
131 11.0 8.6 13.0



#59
Bromoform
Concen: 5.089 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.003 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

Tgt Ion: 173 Resp: 17746
Ion Ratio Lower Upper
173 100
175 49.9 39.0 58.4
254 9.1 7.0 10.4

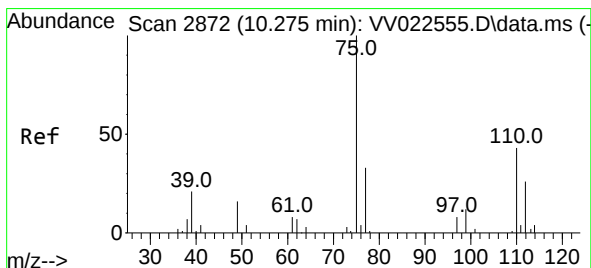
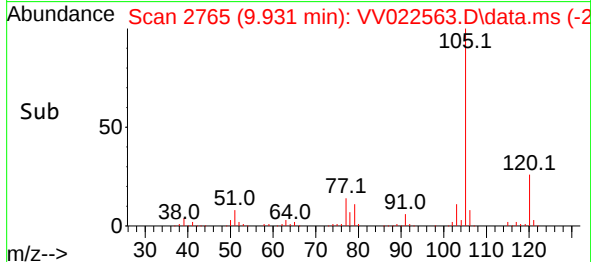
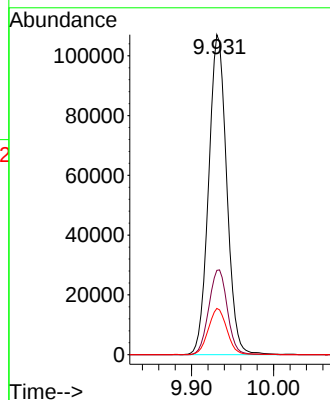
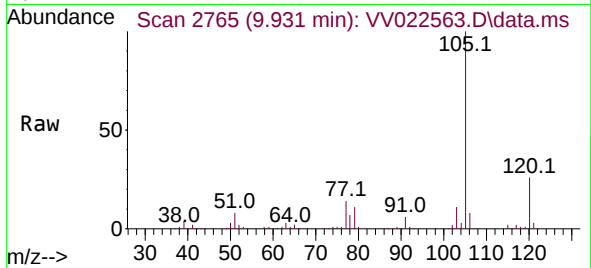




#60
Isopropylbenzene
Concen: 5.135 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

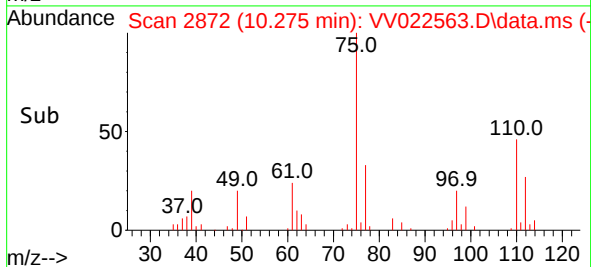
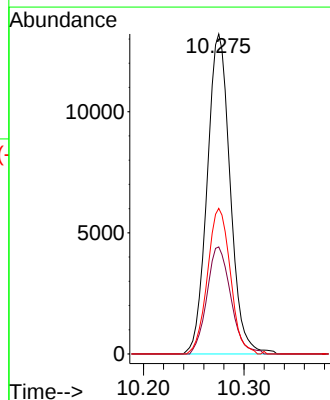
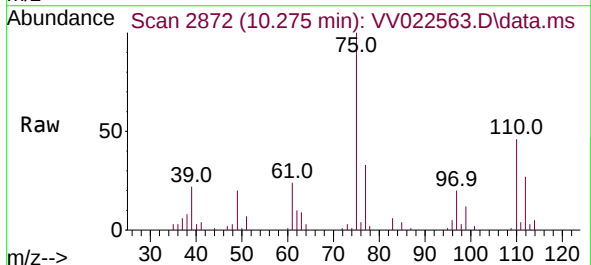
Instrument :
MSVOA_V
ClientSampled :

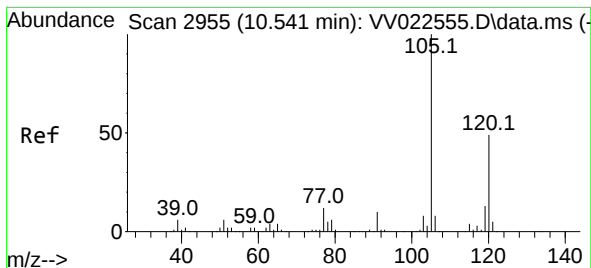
Tgt Ion:105 Resp: 164087
Ion Ratio Lower Upper
105 100
120 27.1 21.6 32.4
77 14.9 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 4.756 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

Tgt Ion: 75 Resp: 20953
Ion Ratio Lower Upper
75 100
77 34.7 26.1 39.1
110 45.3 33.0 49.6

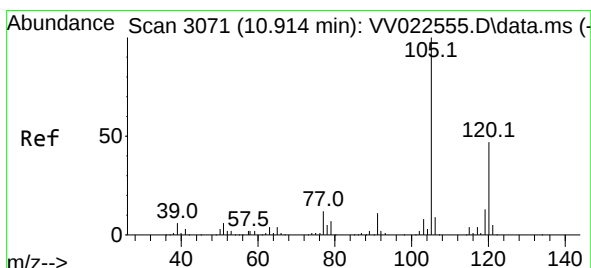
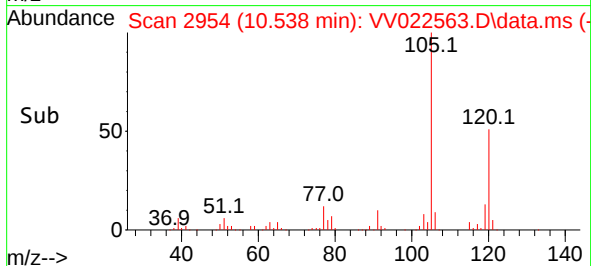
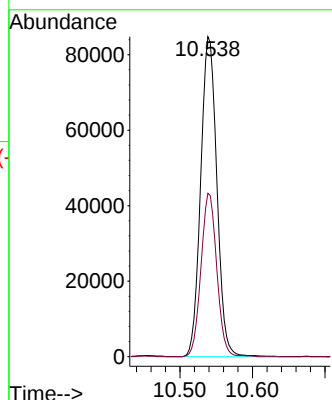
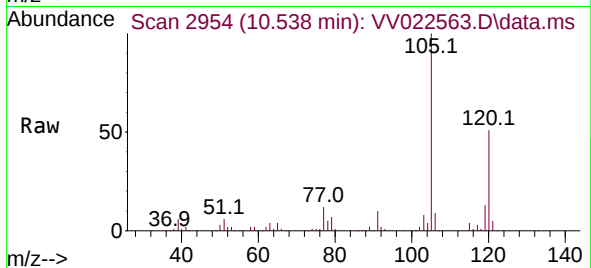




#62
1,3,5-Trimethylbenzene
Concen: 5.072 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

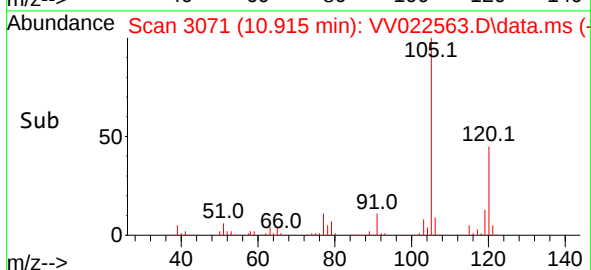
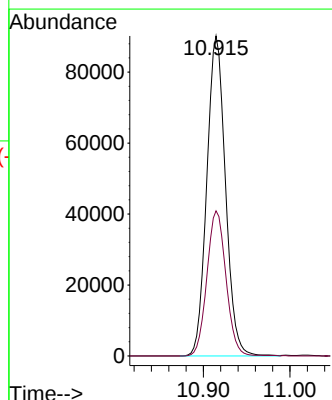
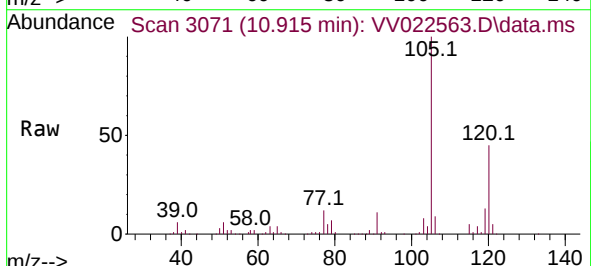
Instrument :
MSVOA_V
ClientSampleId :

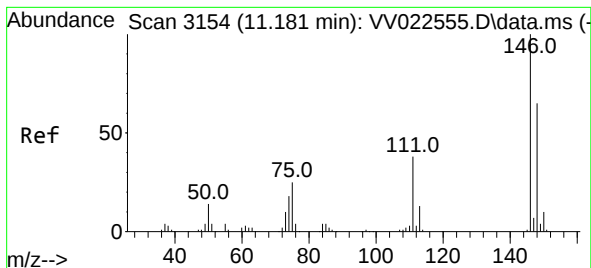
Tgt Ion:105 Resp: 131398
Ion Ratio Lower Upper
105 100
120 49.8 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 5.132 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

Tgt Ion:105 Resp: 135074
Ion Ratio Lower Upper
105 100
120 46.3 37.2 55.8





#64

1,3-Dichlorobenzene

Concen: 5.148 ug/L

RT: 11.182 min Scan# 3154

Delta R.T. 0.000 min

Lab File: VV022563.D

Acq: 05 Oct 2021 09:45

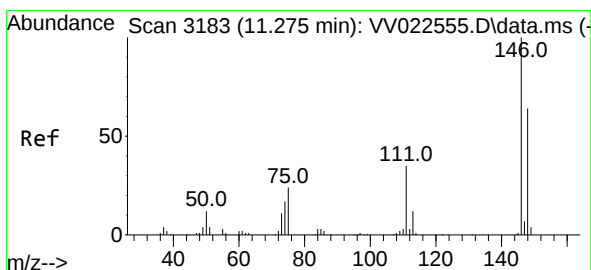
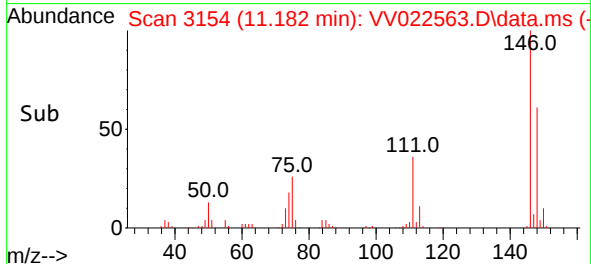
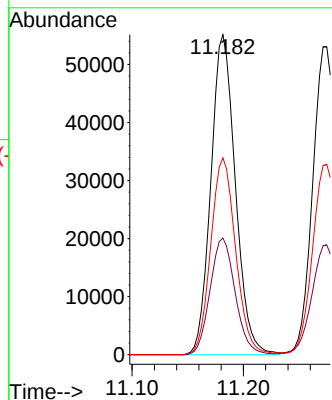
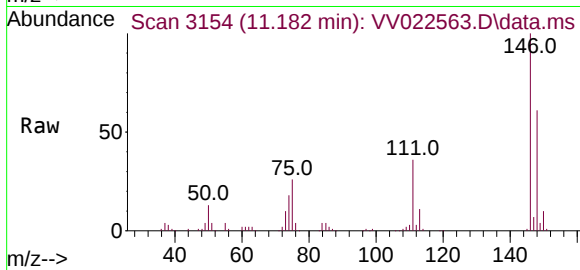
Tgt Ion:146 Resp: 84217

Ion Ratio Lower Upper

146 100

111 36.4 26.8 49.8

148 61.5 45.6 84.8



#65

1,4-Dichlorobenzene

Concen: 4.989 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.000 min

Lab File: VV022563.D

Acq: 05 Oct 2021 09:45

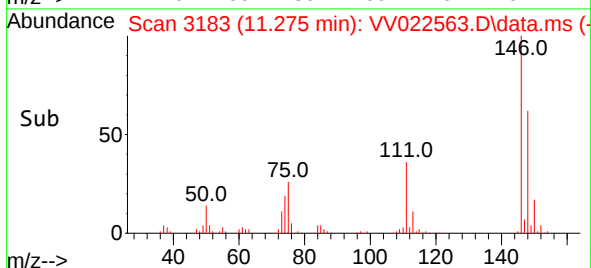
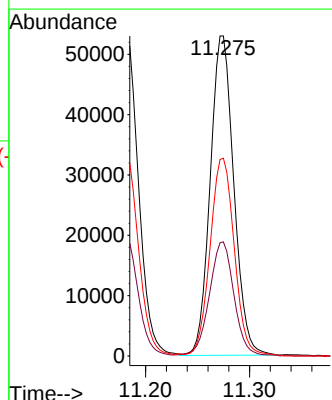
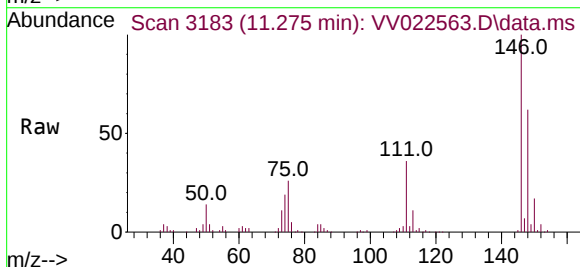
Tgt Ion:146 Resp: 83484

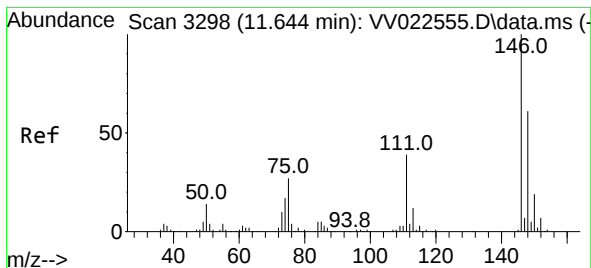
Ion Ratio Lower Upper

146 100

111 35.6 24.5 45.5

148 61.8 45.0 83.6

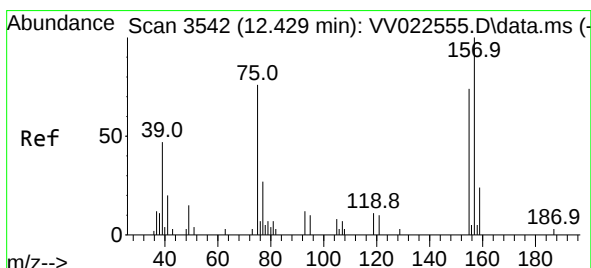
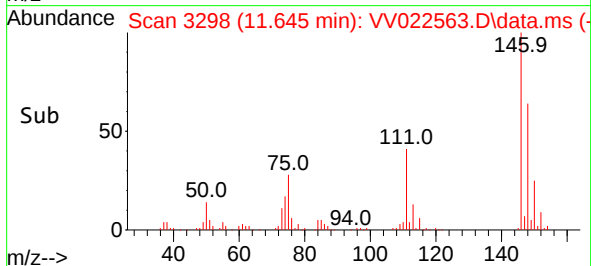
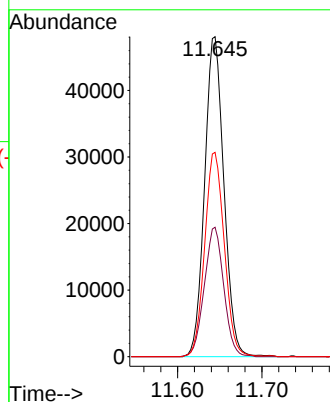
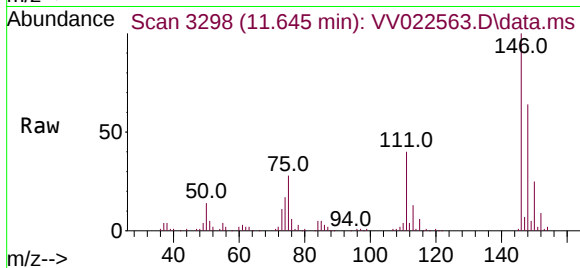




#67
1,2-Dichlorobenzene
Concen: 5.030 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

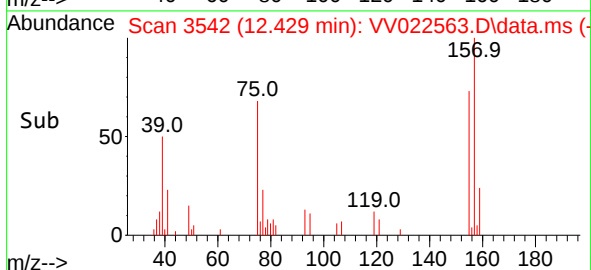
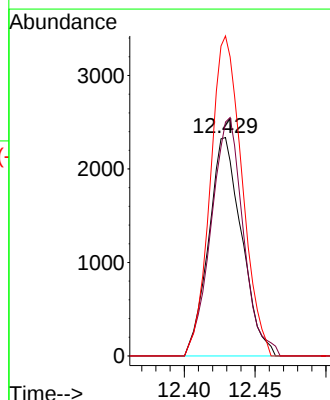
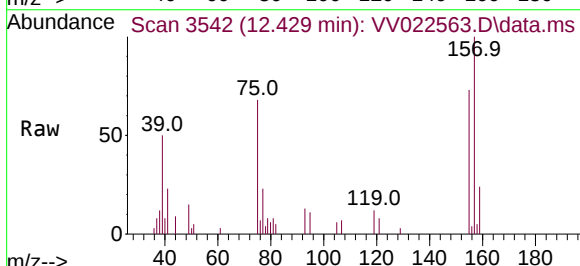
Instrument :
MSVOA_V
ClientSampled :

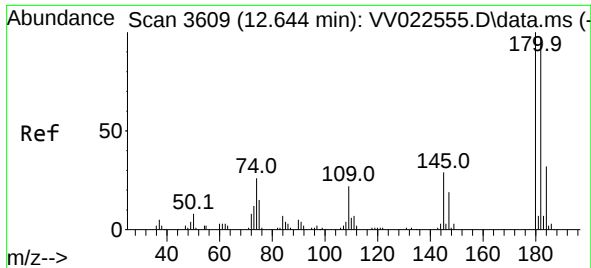
Tgt Ion:146 Resp: 76667
Ion Ratio Lower Upper
146 100
111 40.5 31.6 47.4
148 63.8 49.0 73.6



#68
1,2-Dibromo-3-chloropropane
Concen: 4.495 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

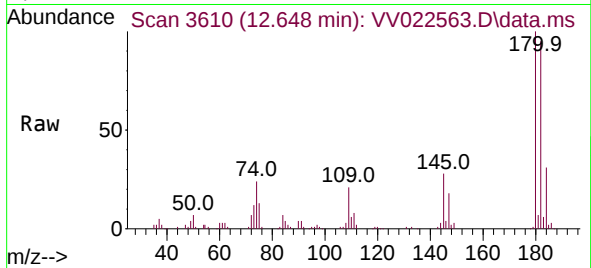
Tgt Ion: 75 Resp: 3785
Ion Ratio Lower Upper
75 100
155 107.1 77.4 116.2
157 146.5 104.7 157.1



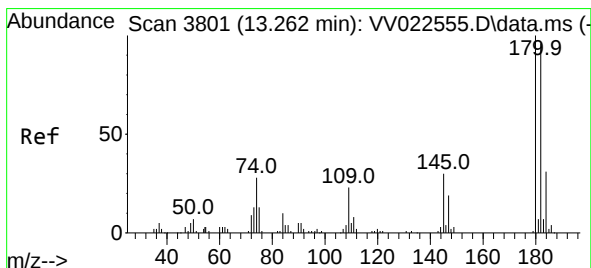
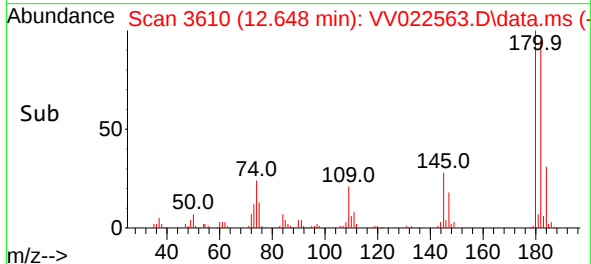
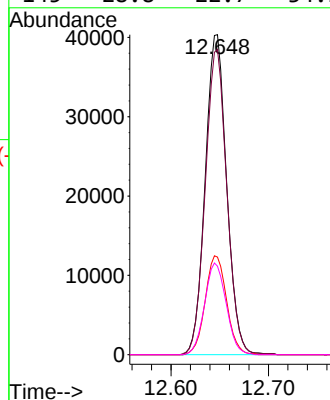


#69
1,3,5-Trichlorobenzene
Concen: 5.039 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

Instrument :
MSVOA_V
ClientSampled :

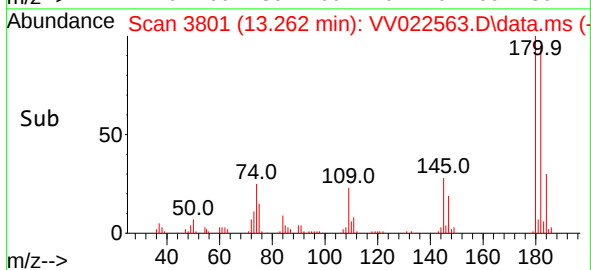
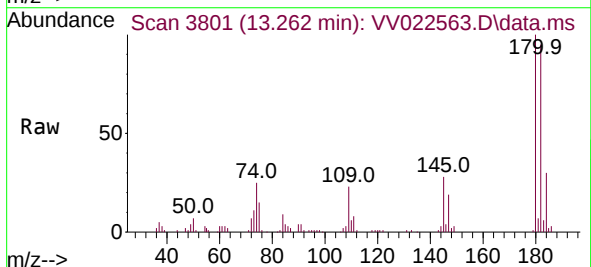
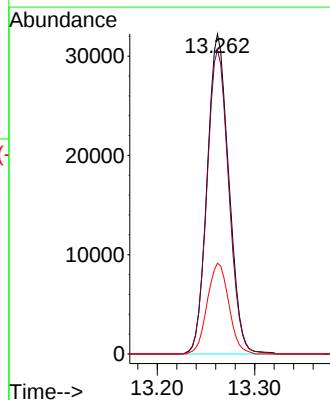


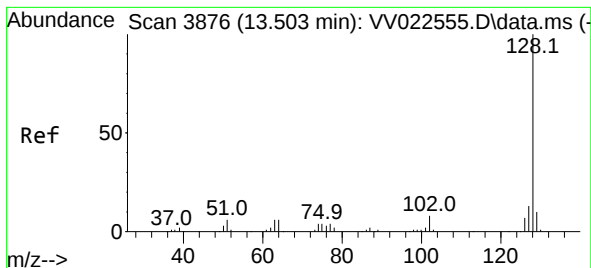
Tgt Ion:180 Resp: 61710
Ion Ratio Lower Upper
180 100
182 96.0 77.0 115.6
184 30.8 25.0 37.6
145 28.8 22.7 34.1



#70
1,2,4-trichlorobenzene
Concen: 5.048 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

Tgt Ion:180 Resp: 49614
Ion Ratio Lower Upper
180 100
182 95.9 77.1 115.7
145 28.3 22.8 34.2

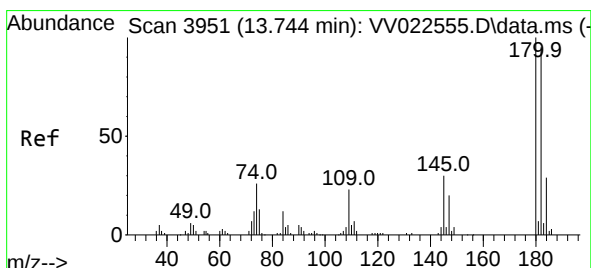
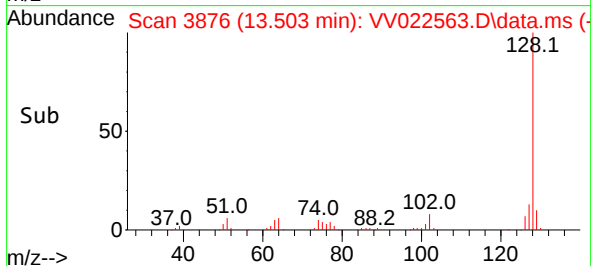
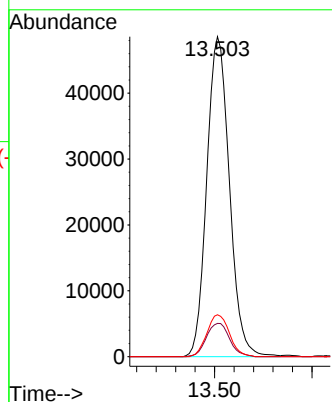
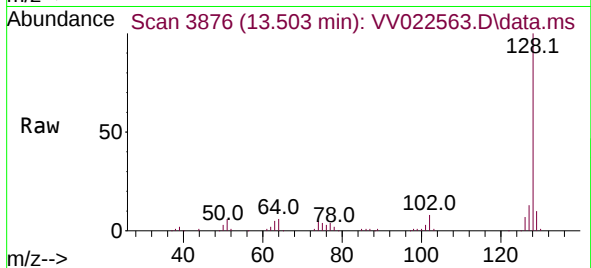




#71
Naphthalene
Concen: 4.860 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 78271
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 13.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.161 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV022563.D
Acq: 05 Oct 2021 09:45

Tgt Ion:180 Resp: 46616
Ion Ratio Lower Upper
180 100
182 95.6 75.4 113.0
145 32.1 24.4 36.6

