

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062921\
 Data File : VW021580.D
 Acq On : 29 Jun 2021 15:29
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 30 04:37:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 30 04:11:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	489885	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	460326	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	247596	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	137206	44.267	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.540%		
7) Chloroethane-d5	1.558	69	113379	44.757	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.520%		
11) 1,1-Dichloroethene-d2	2.105	63	257385	45.387	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.780%		
21) 2-Butanone-d5	3.870	46	238571	90.125	ug/L	-0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.120%		
24) Chloroform-d	4.346	84	297322	45.861	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.720%		
26) 1,2-Dichloroethane-d4	5.031	65	176827	46.288	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.580%		
32) Benzene-d6	5.050	84	597611	46.237	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.480%		
36) 1,2-Dichloropropane-d6	6.069	67	185918	45.607	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.220%		
41) Toluene-d8	7.317	98	552281	46.204	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.400%		
43) trans-1,3-Dichloroprop...	7.622	79	92087	45.411	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.820%		
47) 2-Hexanone-d5	8.085	63	175271	92.690	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.690%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	259252	47.202	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.400%		
66) 1,2-Dichlorobenzene-d4	11.625	152	226728	45.932	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.860%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	201906	47.652	ug/L	100
3) Chloromethane	1.243	50	197389	48.389	ug/L	99
5) Vinyl chloride	1.311	62	186599	46.207	ug/L	99
6) Bromomethane	1.507	94	115107	48.913	ug/L	100
8) Chloroethane	1.577	64	106621	45.923	ug/L	99
9) Trichlorofluoromethane	1.748	101	249590	49.108	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	140912	48.397	ug/L	98
12) 1,1-Dichloroethene	2.114	96	128317	45.865	ug/L	98
13) Acetone	2.156	43	196365	89.729	ug/L #	100
14) Carbon disulfide	2.291	76	446718	45.289	ug/L	99
15) Methyl Acetate	2.423	43	184801	45.443	ug/L	100
16) Methylene chloride	2.503	84	177875	46.835	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	160579	47.047	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	516396	46.713	ug/L	99
19) 1,1-Dichloroethane	3.188	63	293311	47.176	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	176450	46.490	ug/L	96
22) 2-Butanone	3.954	43	283095	93.668	ug/L	100
23) Bromochloromethane	4.246	128	94186	47.015	ug/L	97
25) Chloroform	4.375	83	297015	46.858	ug/L	98

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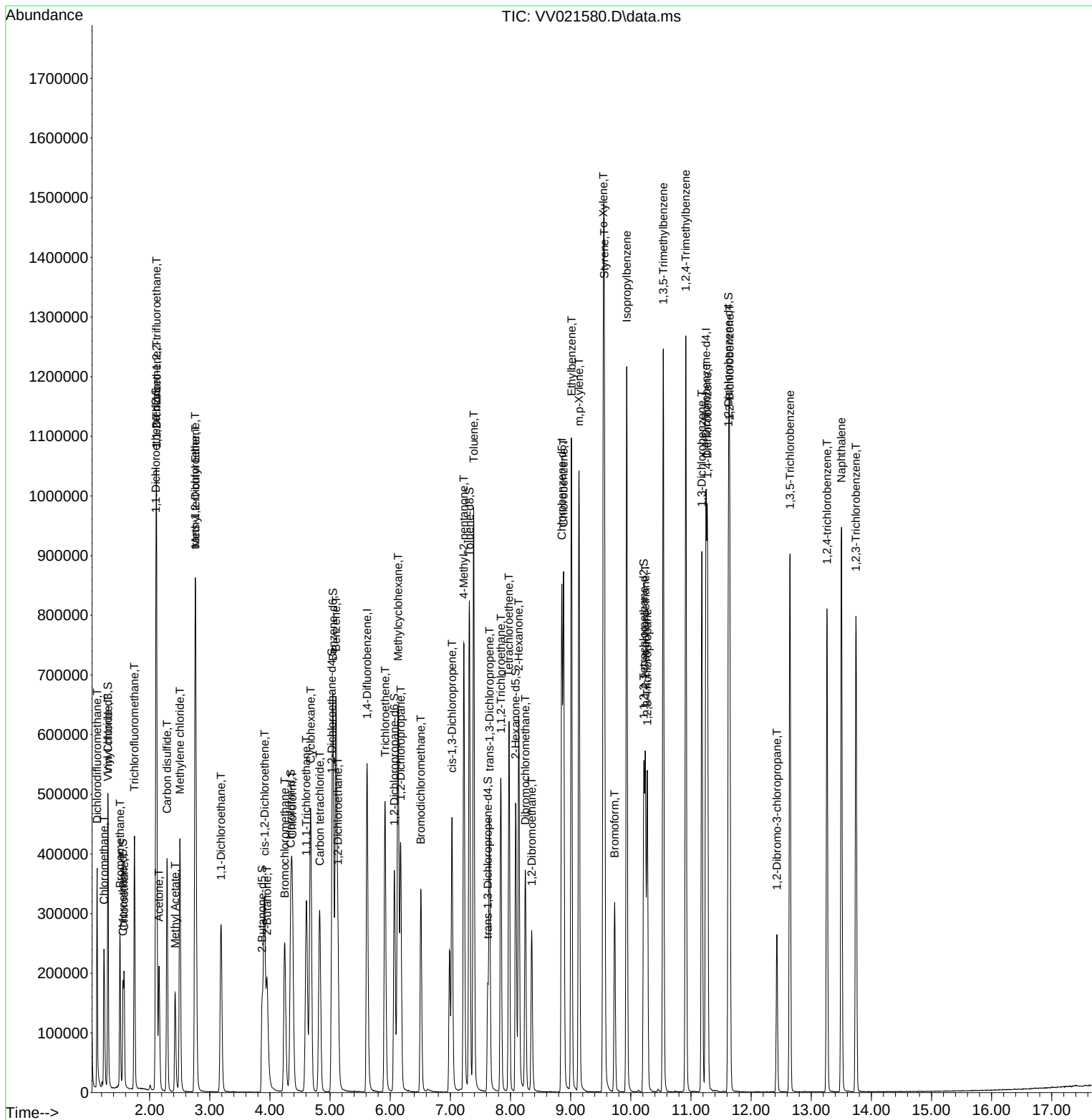
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 ClientSampleId :

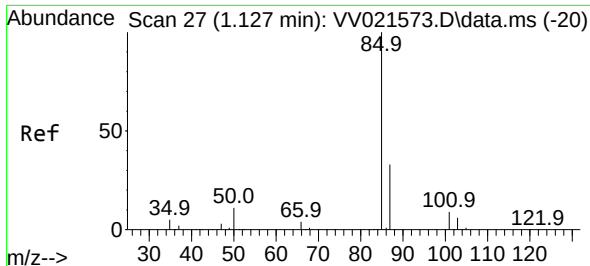
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	216877	47.041	ug/L	99
29) Cyclohexane	4.677	56	272548	46.889	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	270729	46.780	ug/L	99
31) Carbon tetrachloride	4.828	117	234537	46.017	ug/L	98
33) Benzene	5.098	78	658814	47.028	ug/L	100
34) Trichloroethene	5.915	95	176338	46.566	ug/L	98
35) Methylcyclohexane	6.130	83	289356	48.130	ug/L	100
37) 1,2-Dichloropropane	6.175	63	167244	45.929	ug/L	100
38) Bromodichloromethane	6.510	83	228278	46.389	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	273407	45.532	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	493392	92.305	ug/L	99
42) Toluene	7.387	91	713863	47.574	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	265879	47.414	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	169130	47.280	ug/L	99
46) Tetrachloroethene	7.976	164	141118	46.855	ug/L	99
48) 2-Hexanone	8.137	43	395464	93.601	ug/L	97
49) Dibromochloromethane	8.246	129	192103	46.630	ug/L	100
50) 1,2-Dibromoethane	8.352	107	181224	46.205	ug/L	98
51) Chlorobenzene	8.883	112	461054	47.216	ug/L	97
52) Ethylbenzene	9.014	91	782735	48.015	ug/L	99
53) m,p-Xylene	9.140	106	299053	47.803	ug/L	96
54) o-Xylene	9.545	106	298693	47.857	ug/L	100
55) Styrene	9.561	104	510075	48.365	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	270578	48.523	ug/L	100
59) Bromoform	9.731	173	143286	45.025	ug/L	99
60) Isopropylbenzene	9.934	105	790445	46.805	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	213294	44.563	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	678000	47.107	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	693102	47.585	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	373456	47.027	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	375778	47.343	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	375028	47.124	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	62971	44.380	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	277522	46.764	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	245385	48.079	ug/L	100
71) Naphthalene	13.503	128	751874	48.371	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	240943	47.797	ug/L	98

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

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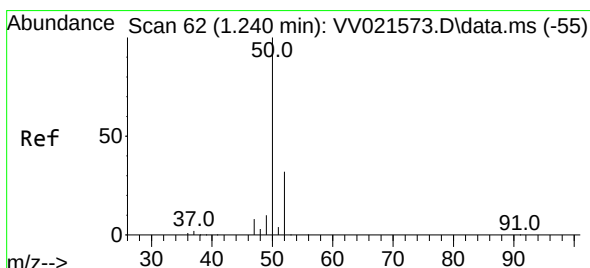
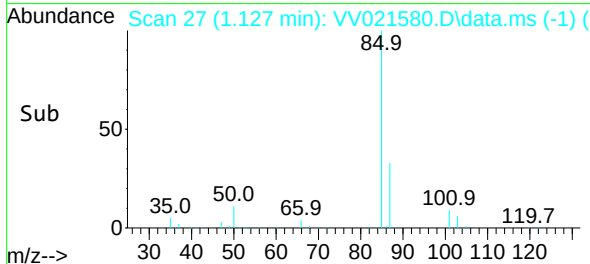
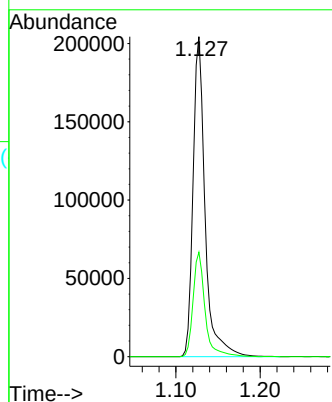
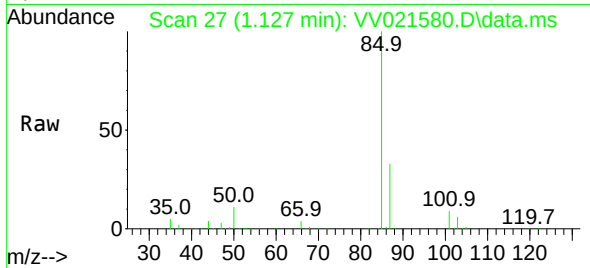




#2
 Dichlorodifluoromethane
 Concen: 47.652 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021580.D
 Acq: 29 Jun 2021 15:29

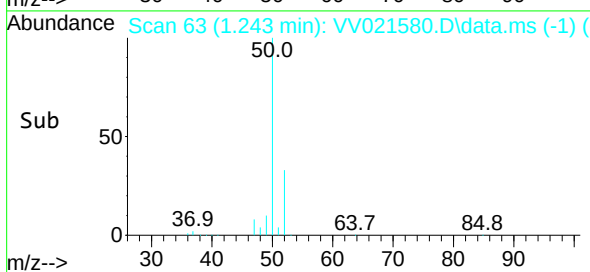
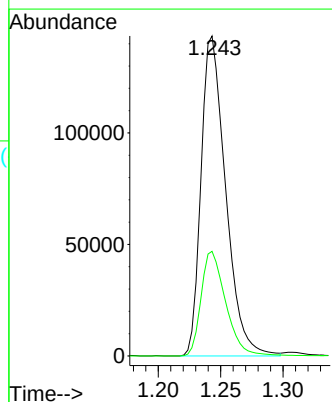
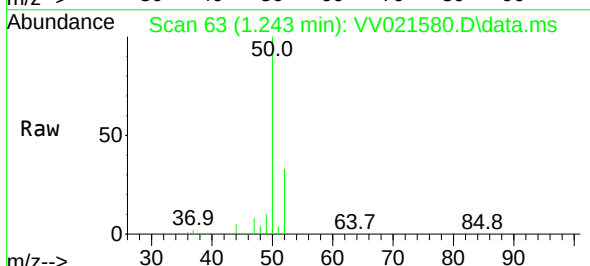
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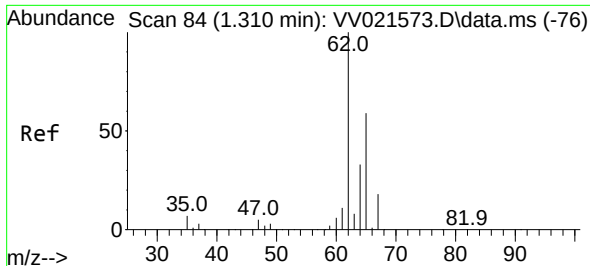
Tgt Ion: 85 Resp: 201906
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.1 39.1



#3
 Chloromethane
 Concen: 48.389 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV021580.D
 Acq: 29 Jun 2021 15:29

Tgt Ion: 50 Resp: 197389
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.3 41.5

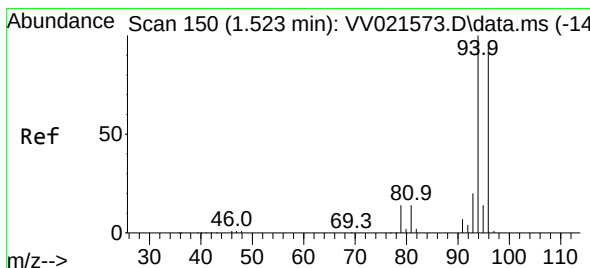
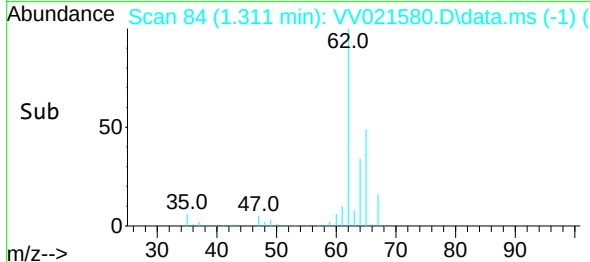
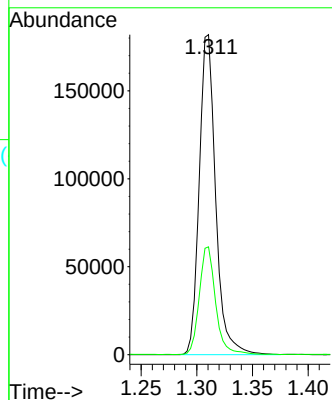
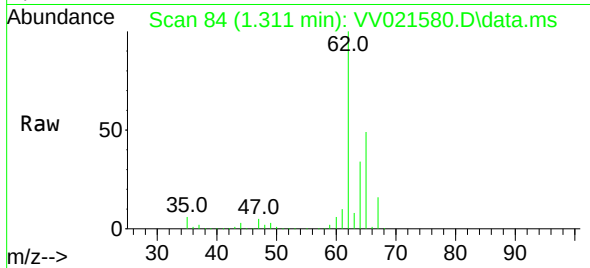




#5
 Vinyl chloride
 Concen: 46.207 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV021580.D
 Acq: 29 Jun 2021 15:29

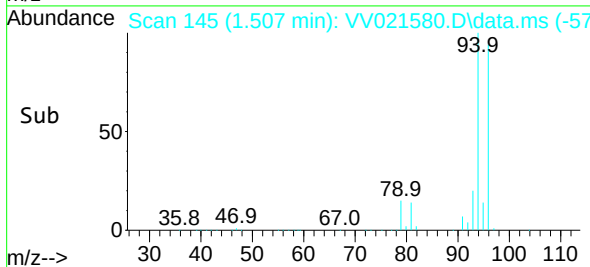
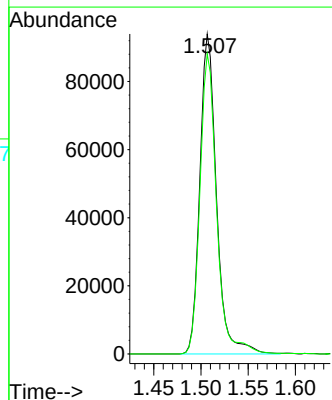
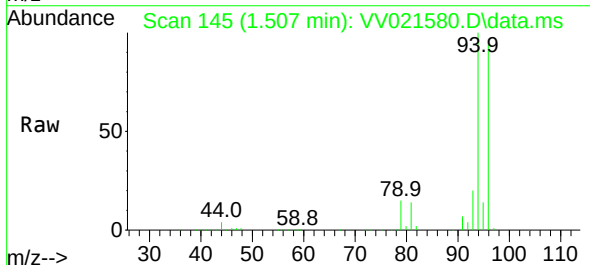
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 ClientSampled :

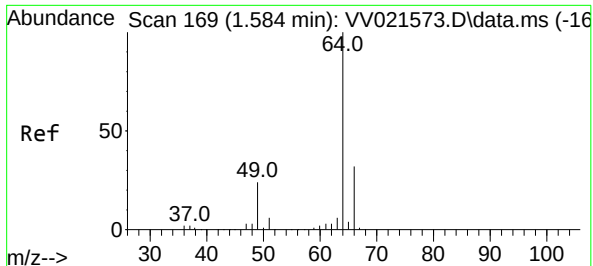
Tgt Ion: 62 Resp: 186599
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.3 43.3



#6
 Bromomethane
 Concen: 48.913 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. -0.016 min
 Lab File: VV021580.D
 Acq: 29 Jun 2021 15:29

Tgt Ion: 94 Resp: 115107
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.5 121.7

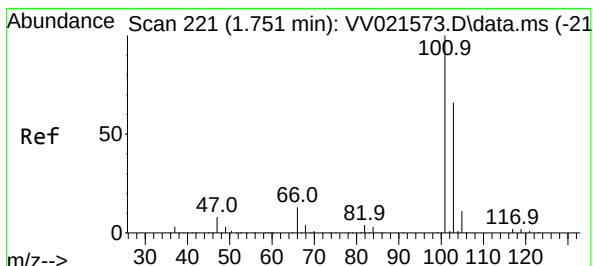
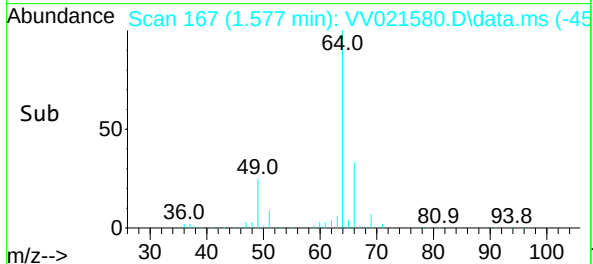
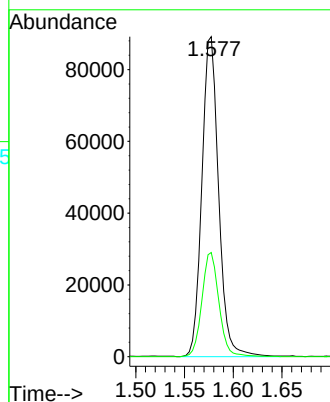
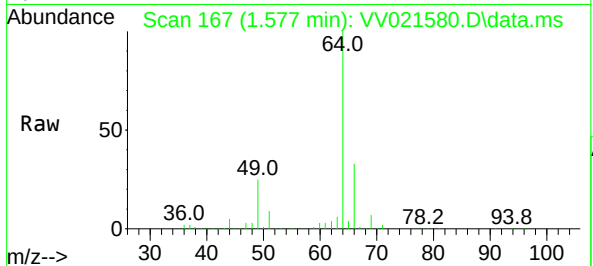




#8
Chloroethane
Concen: 45.923 ug/L
RT: 1.577 min Scan# 167
Delta R.T. -0.006 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

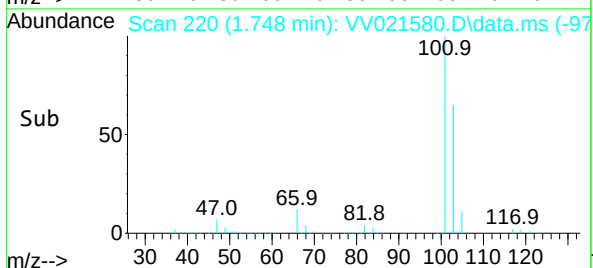
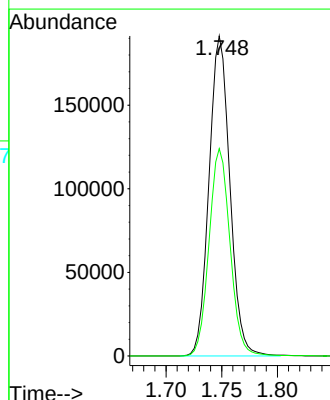
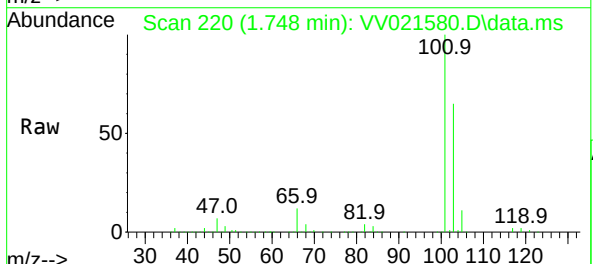
Instrument :
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ClientSampled :

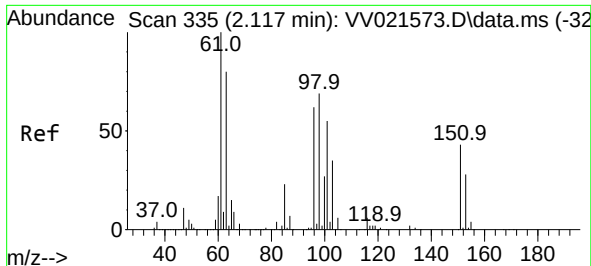
Tgt Ion: 64 Resp: 106621
Ion Ratio Lower Upper
64 100
66 32.5 22.3 41.3



#9
Trichlorofluoromethane
Concen: 49.108 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

Tgt Ion:101 Resp: 249590
Ion Ratio Lower Upper
101 100
103 65.2 52.4 78.6

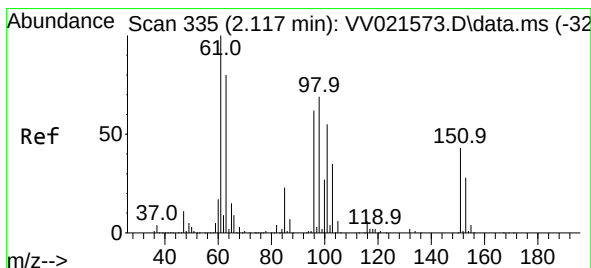
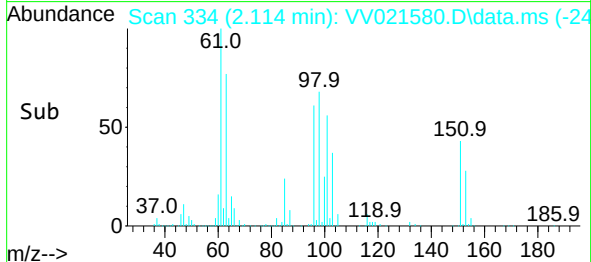
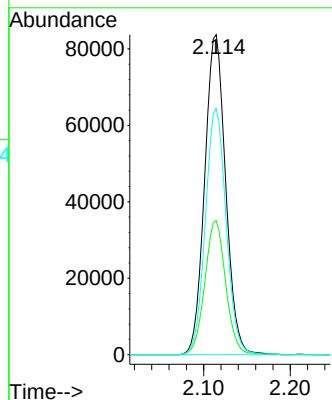
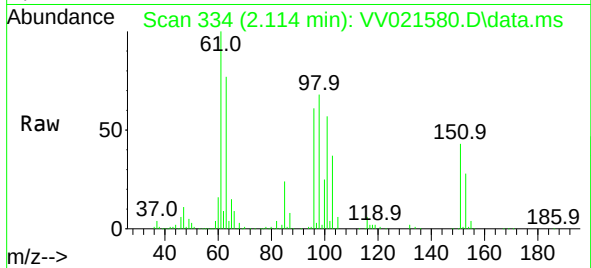




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.397 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

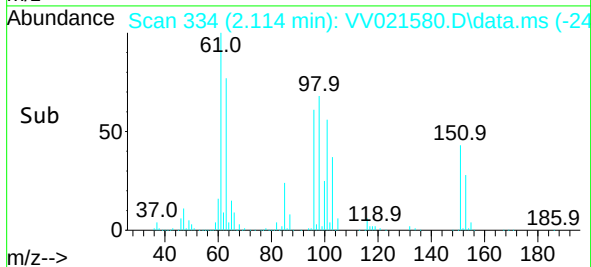
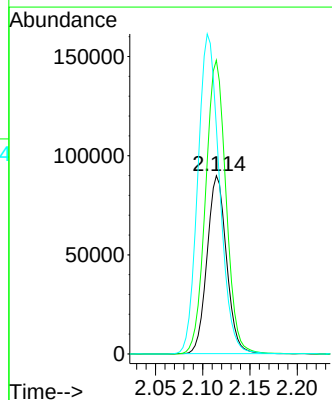
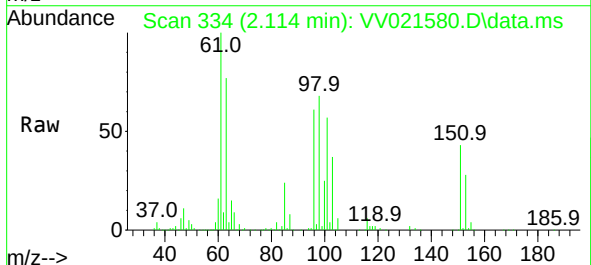
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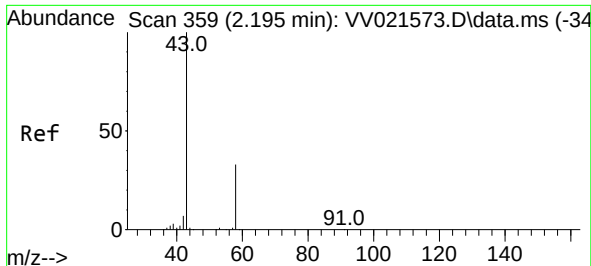
Tgt Ion:101 Resp: 140912
Ion Ratio Lower Upper
101 100
85 41.7 33.3 49.9
151 76.4 62.8 94.2



#12
1,1-Dichloroethene
Concen: 45.865 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

Tgt Ion: 96 Resp: 128317
Ion Ratio Lower Upper
96 100
61 164.7 112.9 209.7
63 127.3 90.8 168.6

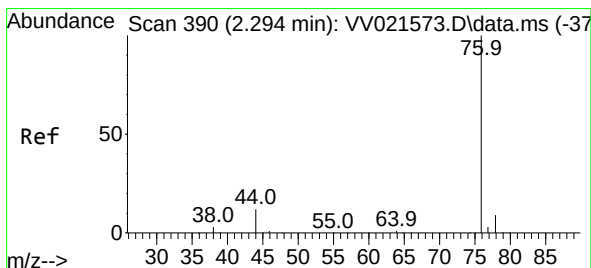
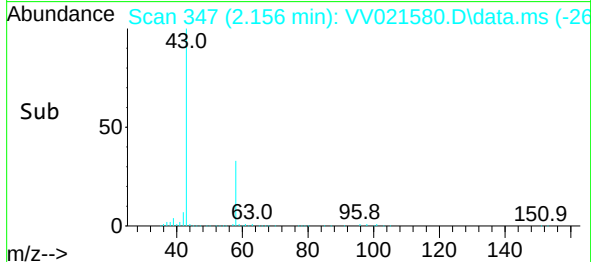
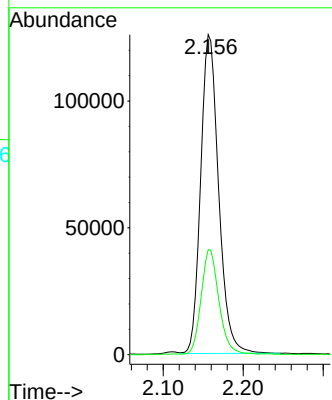
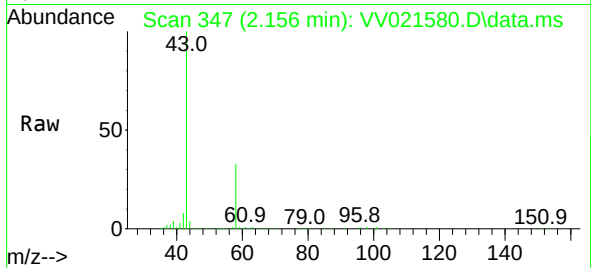




#13
Acetone
Concen: 89.729 ug/L
RT: 2.156 min Scan# 347
Delta R.T. -0.038 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

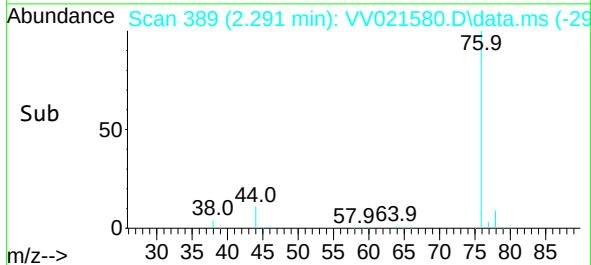
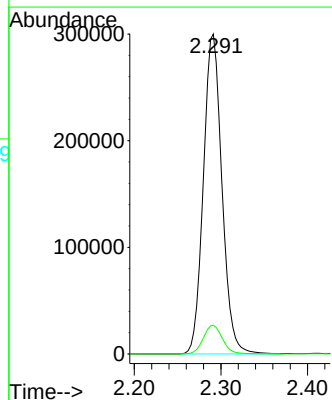
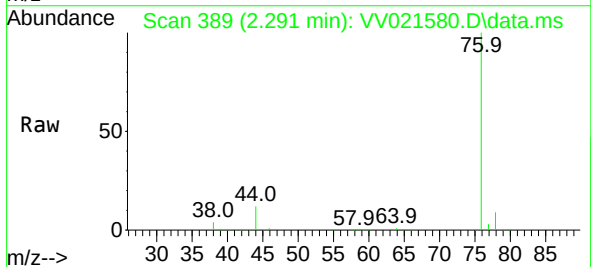
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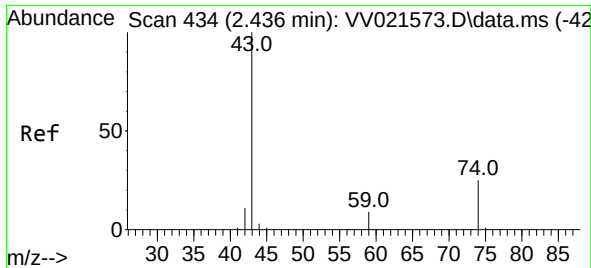
Tgt Ion: 43 Resp: 196365
Ion Ratio Lower Upper
43 100
58 32.2 0.0 0.0#



#14
Carbon disulfide
Concen: 45.289 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.003 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

Tgt Ion: 76 Resp: 446718
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

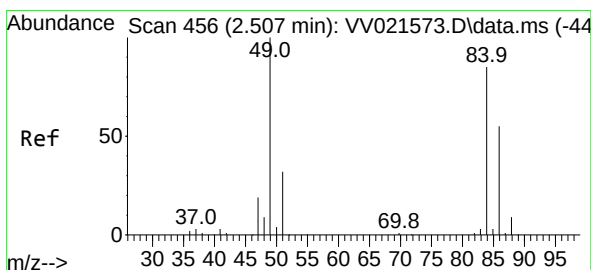
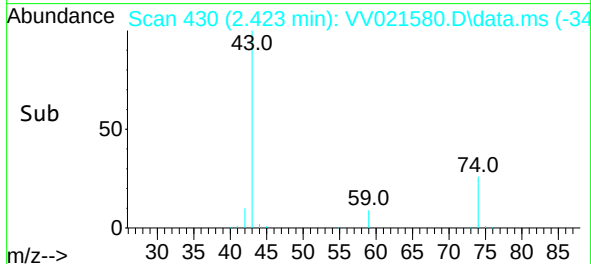
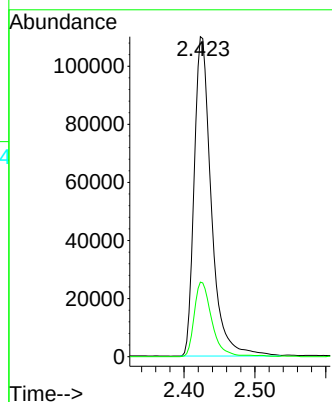
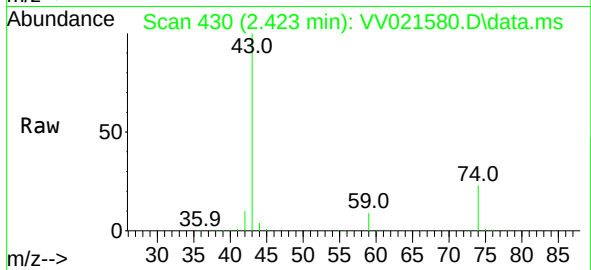




#15
Methyl Acetate
Concen: 45.443 ug/L
RT: 2.423 min Scan# 430
Delta R.T. -0.013 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

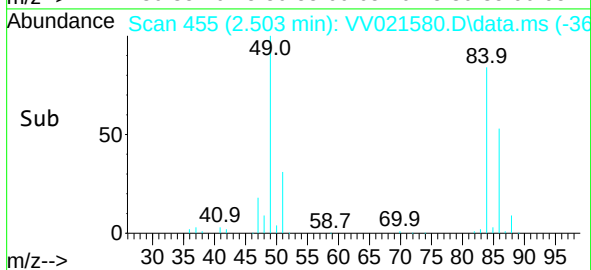
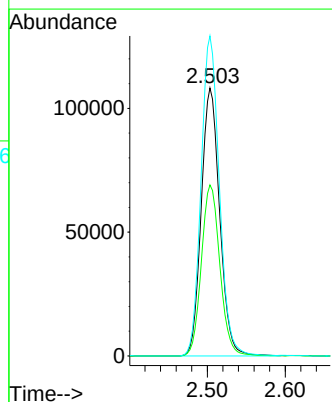
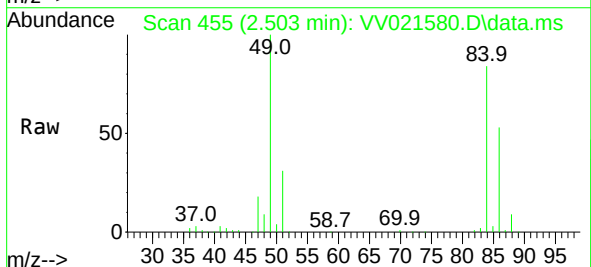
Instrument :
MSVOA_V
ClientSampled :

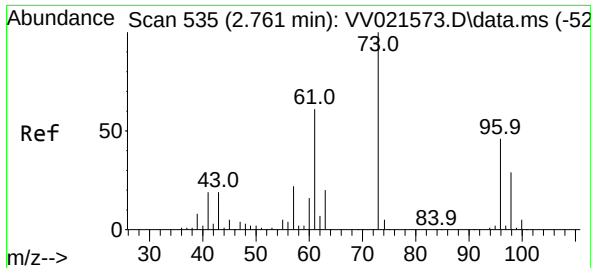
Tgt Ion: 43 Resp: 184801
Ion Ratio Lower Upper
43 100
74 23.7 19.0 28.6



#16
Methylene chloride
Concen: 46.835 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

Tgt Ion: 84 Resp: 177875
Ion Ratio Lower Upper
84 100
86 63.8 45.1 83.9
49 119.4 82.5 153.3

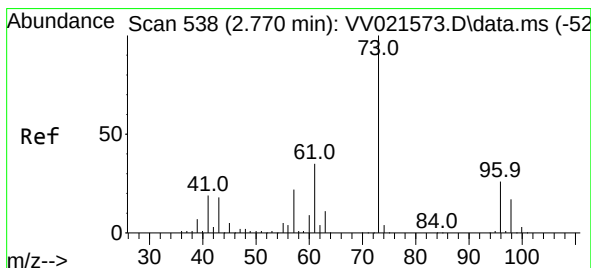
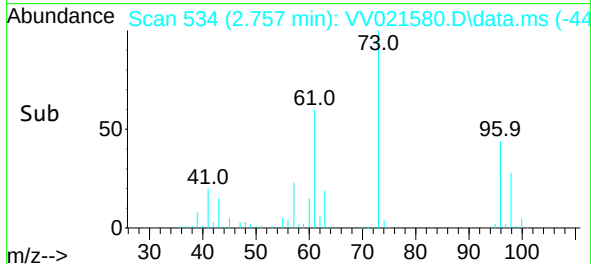
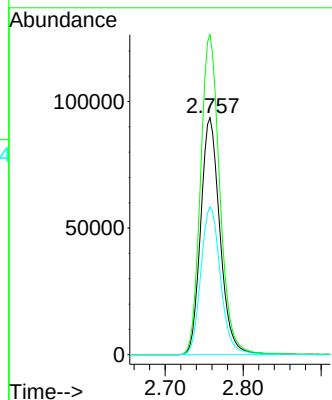
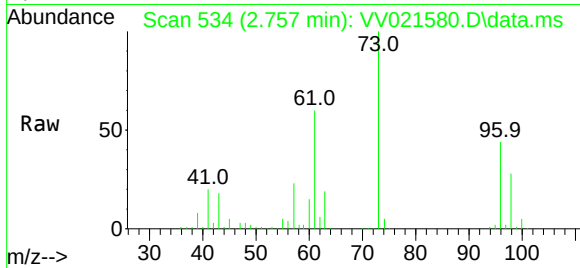




#17
trans-1,2-Dichloroethene
Concen: 47.047 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

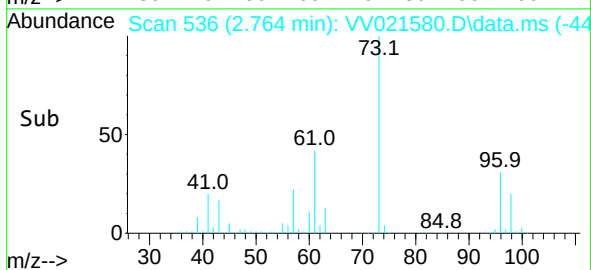
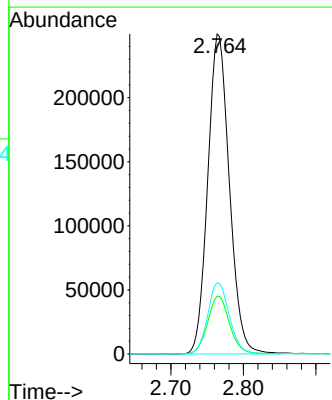
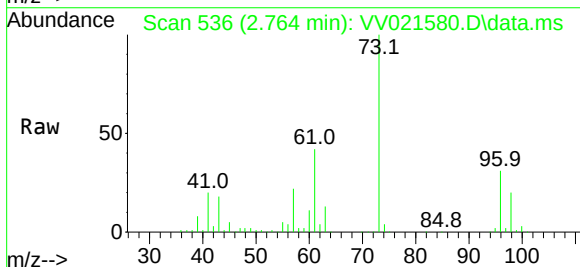
Instrument :
MSVOA_V
ClientSampleId :

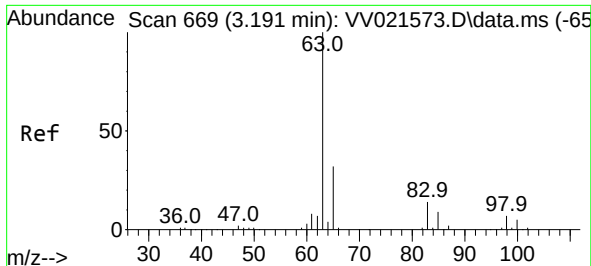
Tgt Ion: 96 Resp: 160579
Ion Ratio Lower Upper
96 100
61 135.0 93.0 172.6
98 62.4 44.2 82.0



#18
Methyl tert-butyl Ether
Concen: 46.713 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.006 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

Tgt Ion: 73 Resp: 516396
Ion Ratio Lower Upper
73 100
43 18.1 14.6 22.0
57 22.3 17.4 26.2





#19

1,1-Dichloroethane

Concen: 47.176 ug/L

RT: 3.188 min Scan# 668

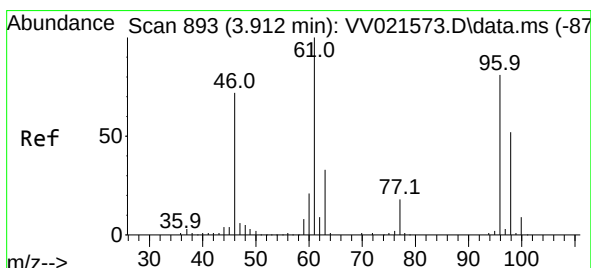
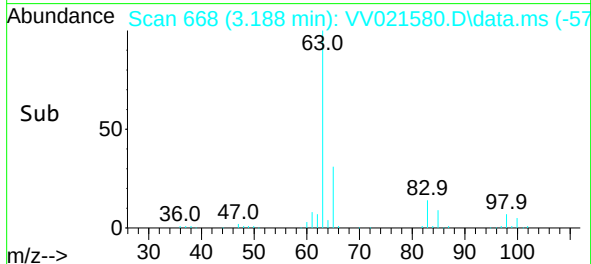
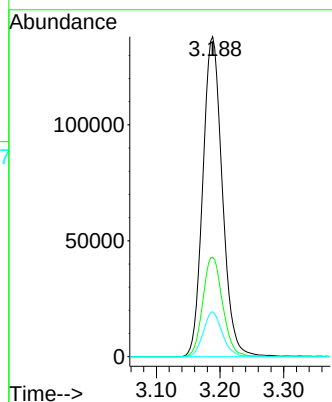
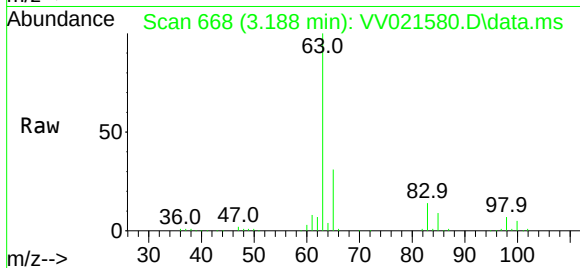
Delta R.T. -0.003 min

Lab File: VV021580.D

Acq: 29 Jun 2021 15:29

Tgt Ion: 63 Resp: 293311

Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.4	41.6
83	14.1	9.4	17.6



#20

cis-1,2-Dichloroethene

Concen: 46.490 ug/L

RT: 3.912 min Scan# 893

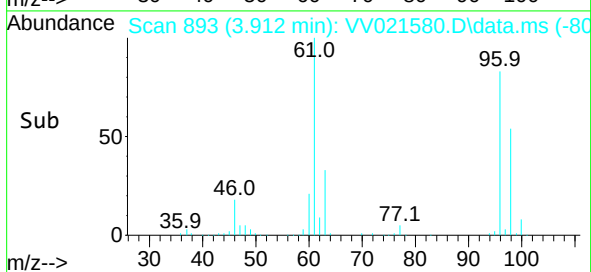
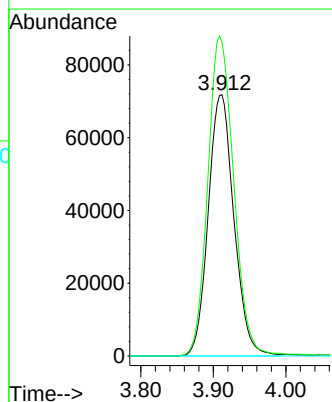
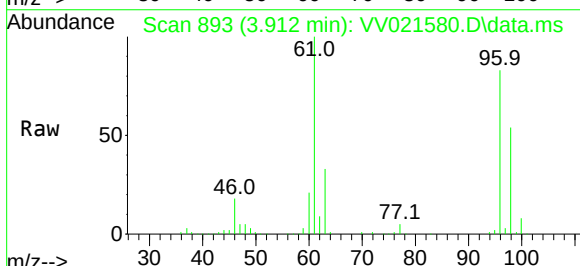
Delta R.T. 0.000 min

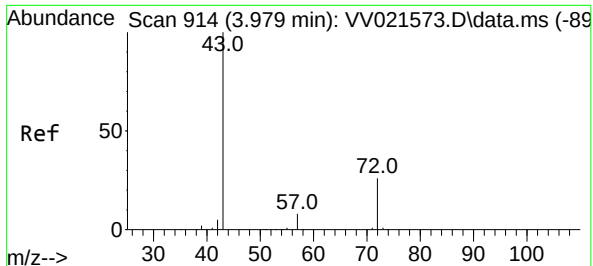
Lab File: VV021580.D

Acq: 29 Jun 2021 15:29

Tgt Ion: 96 Resp: 176450

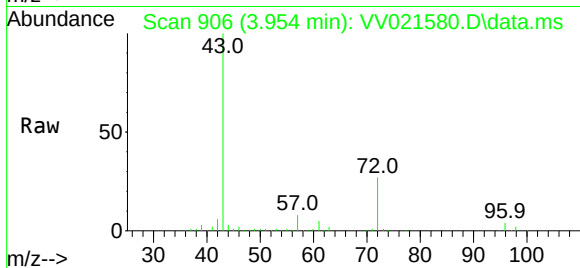
Ion	Ratio	Lower	Upper
96	100		
61	120.1	86.9	161.3
68	0.0	0.0	0.0



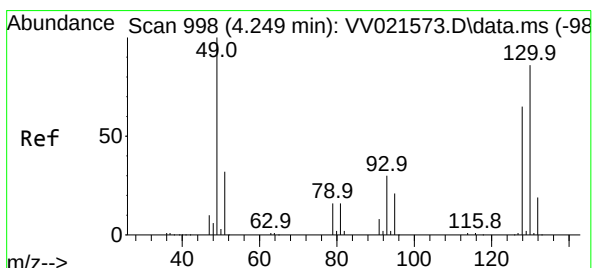
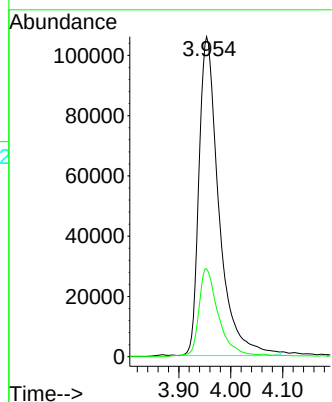
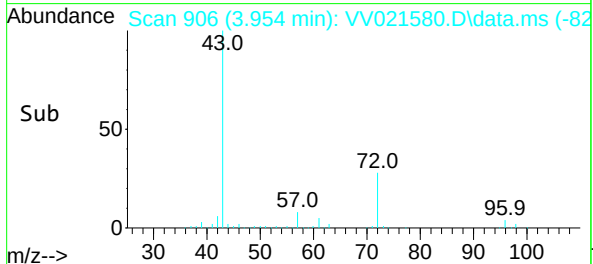


#22
2-Butanone
Concen: 93.668 ug/L
RT: 3.954 min Scan# 906
Delta R.T. -0.026 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

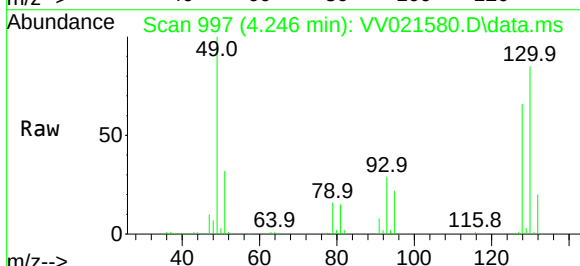
Instrument :
MSVOA_V
ClientSampled :



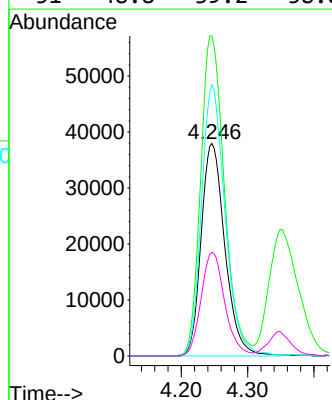
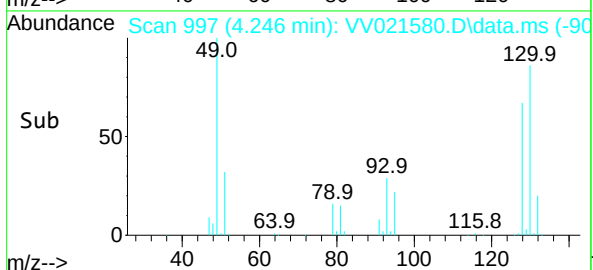
Tgt Ion: 43 Resp: 283095
Ion Ratio Lower Upper
43 100
72 26.5 13.3 39.8

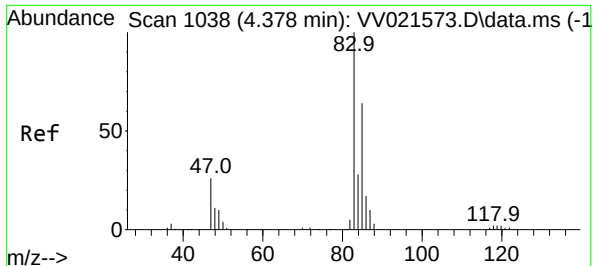


#23
Bromochloromethane
Concen: 47.015 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.003 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29



Tgt Ion: 128 Resp: 94186
Ion Ratio Lower Upper
128 100
49 150.6 107.5 199.7
130 127.6 92.2 171.2
51 48.8 39.2 58.8





#25

Chloroform

Concen: 46.858 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VV021580.D

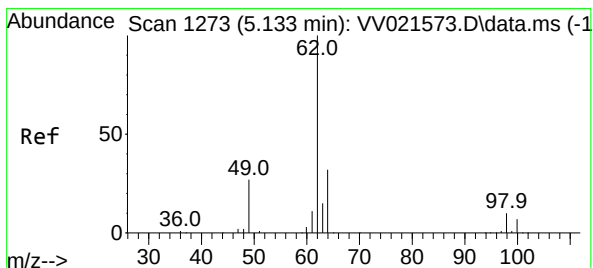
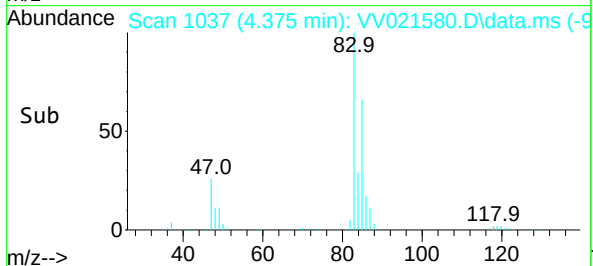
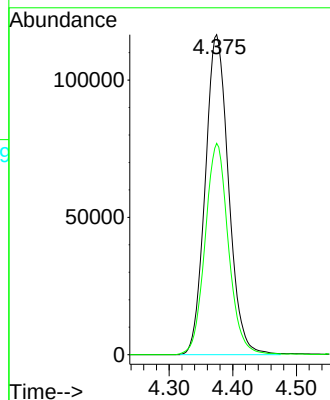
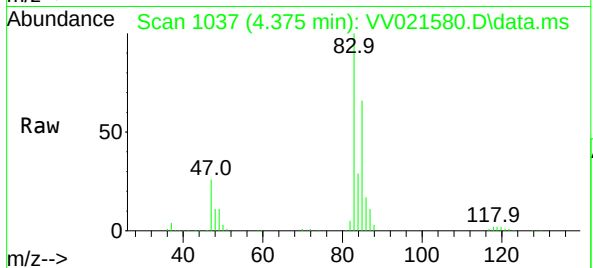
Acq: 29 Jun 2021 15:29

Tgt Ion: 83 Resp: 297015

Ion Ratio Lower Upper

83 100

85 66.1 45.1 83.7



#27

1,2-Dichloroethane

Concen: 47.041 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VV021580.D

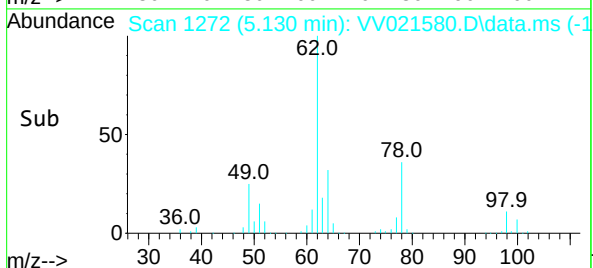
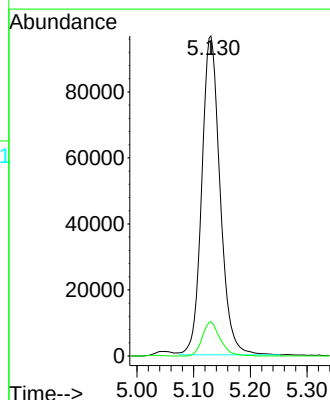
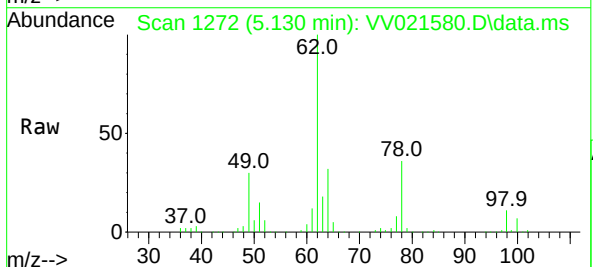
Acq: 29 Jun 2021 15:29

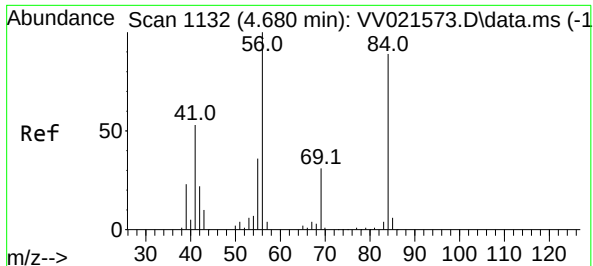
Tgt Ion: 62 Resp: 216877

Ion Ratio Lower Upper

62 100

98 10.7 8.2 12.4





#29

Cyclohexane

Concen: 46.889 ug/L

RT: 4.677 min Scan# 1131

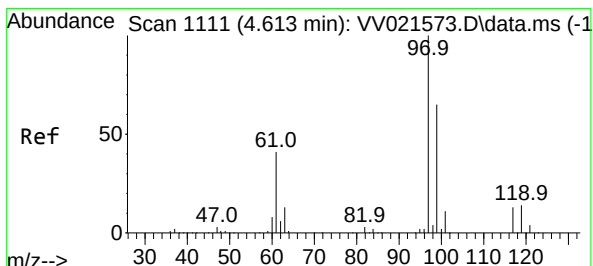
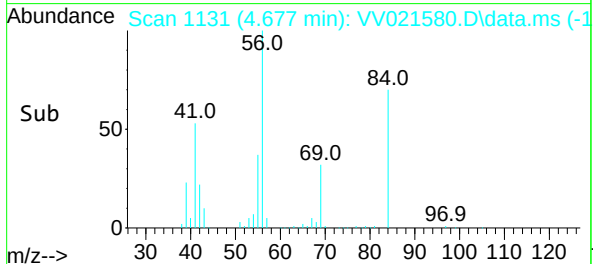
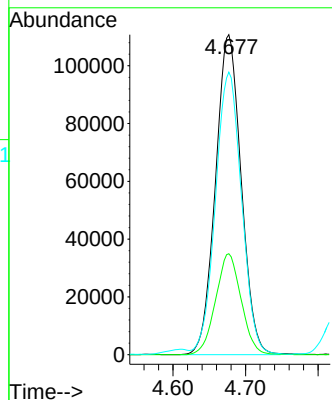
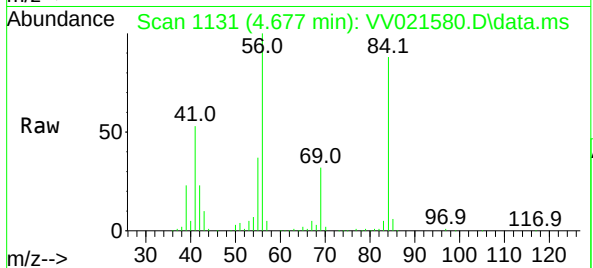
Delta R.T. -0.003 min

Lab File: VV021580.D

Acq: 29 Jun 2021 15:29

Tgt Ion: 56 Resp: 272548

Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.9	37.3
84	89.7	71.6	107.4



#30

1,1,1-Trichloroethane

Concen: 46.780 ug/L

RT: 4.606 min Scan# 1109

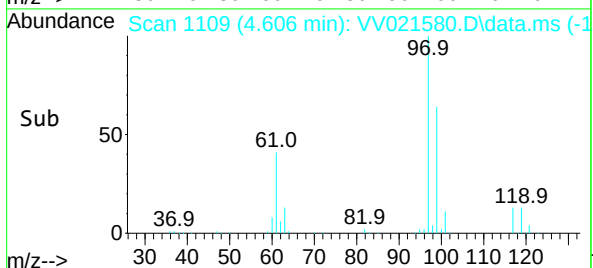
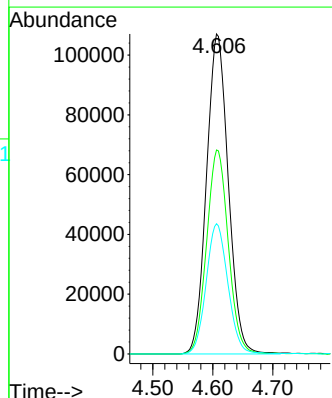
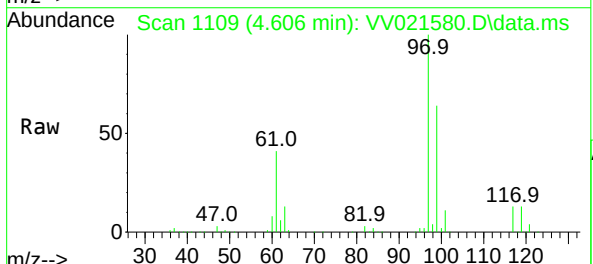
Delta R.T. -0.006 min

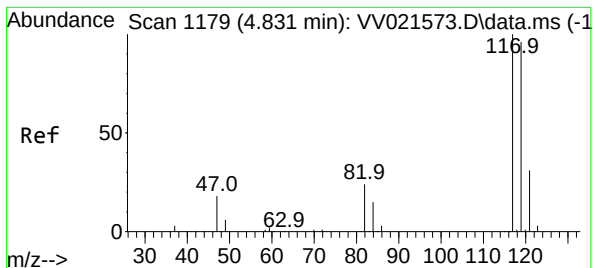
Lab File: VV021580.D

Acq: 29 Jun 2021 15:29

Tgt Ion: 97 Resp: 270729

Ion	Ratio	Lower	Upper
97	100		
99	63.3	52.1	78.1
61	40.7	32.6	49.0

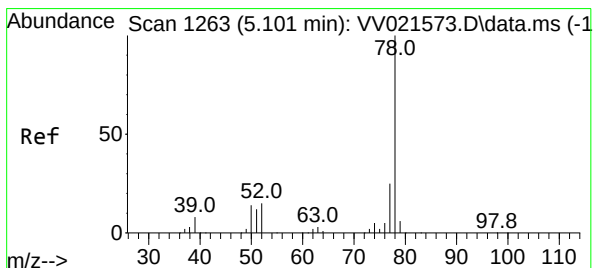
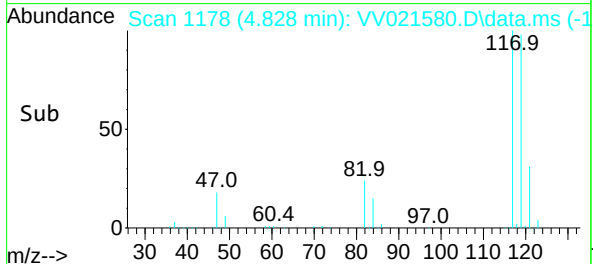
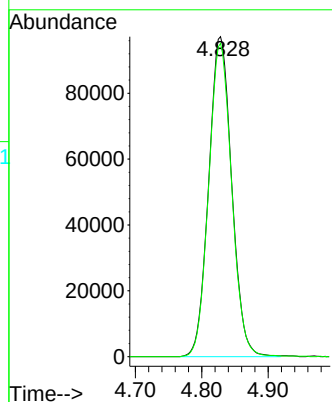
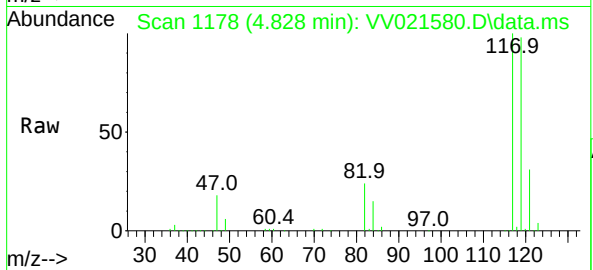




#31
Carbon tetrachloride
Concen: 46.017 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

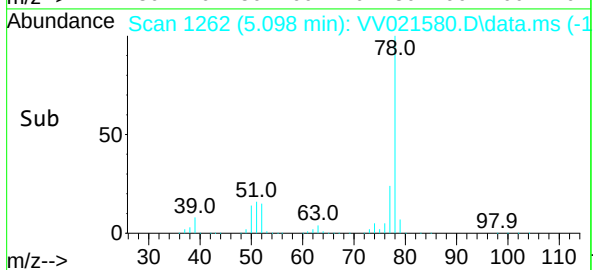
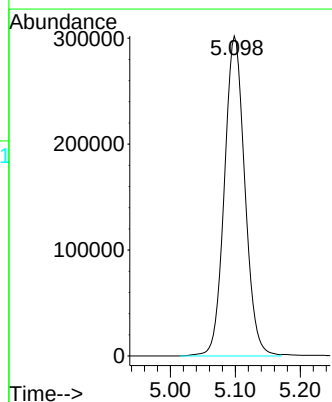
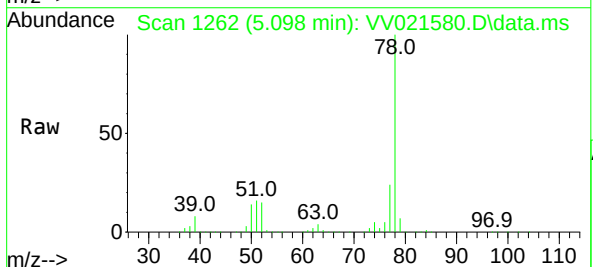
Instrument :
MSVOA_V
ClientSampled :

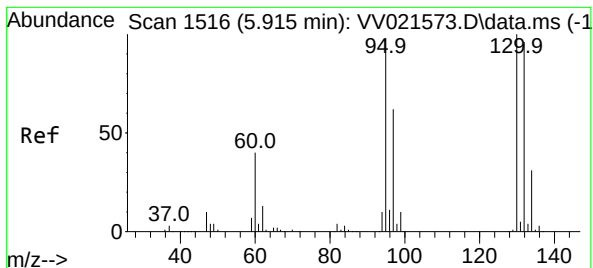
Tgt Ion:117 Resp: 234537
Ion Ratio Lower Upper
117 100
119 97.4 76.5 114.7



#33
Benzene
Concen: 47.028 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

Tgt Ion: 78 Resp: 658814





#34

Trichloroethene

Concen: 46.566 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VV021580.D

Acq: 29 Jun 2021 15:29

Tgt Ion: 95 Resp: 176338

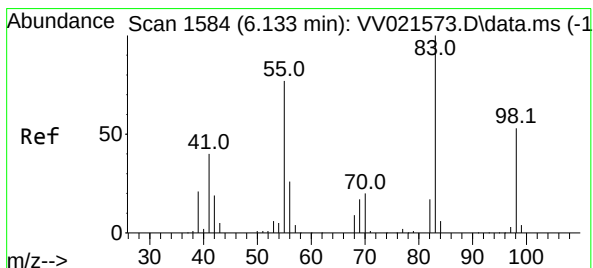
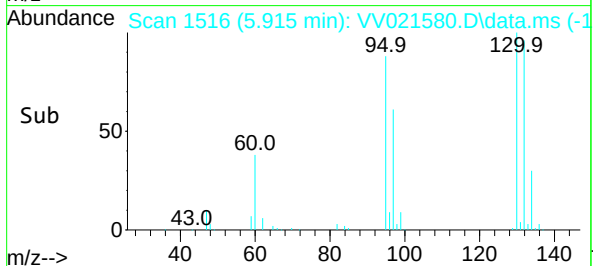
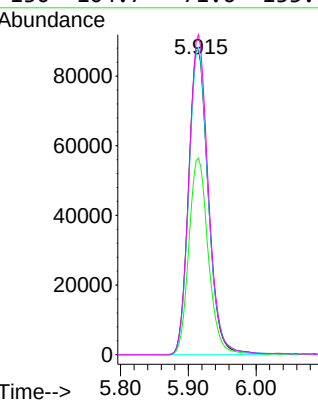
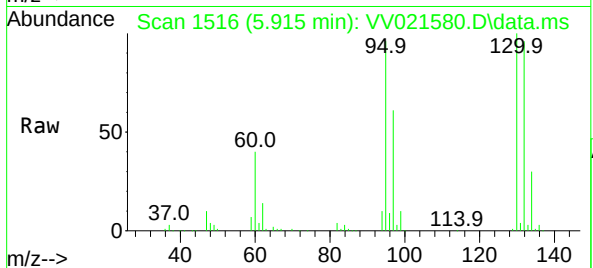
Ion Ratio Lower Upper

95 100

97 64.3 44.6 82.8

132 100.5 69.0 128.1

130 104.7 71.6 133.0



#35

Methylcyclohexane

Concen: 48.130 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.003 min

Lab File: VV021580.D

Acq: 29 Jun 2021 15:29

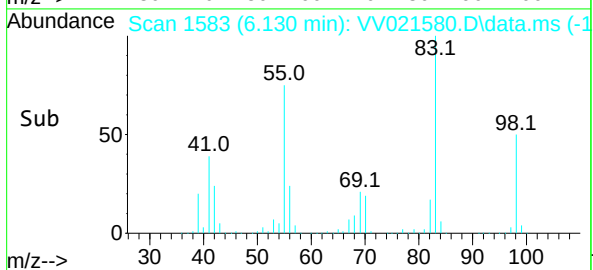
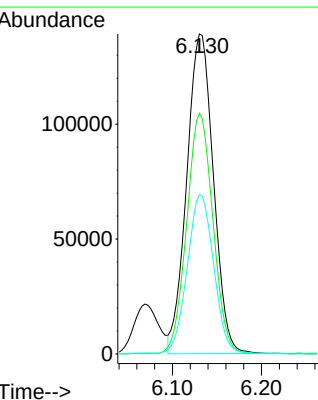
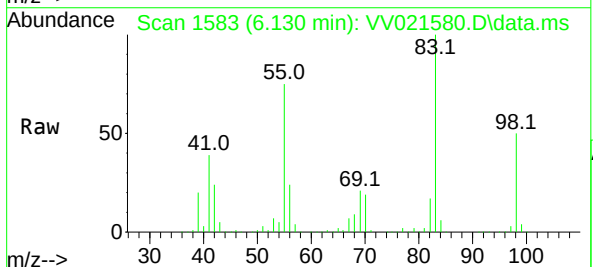
Tgt Ion: 83 Resp: 289356

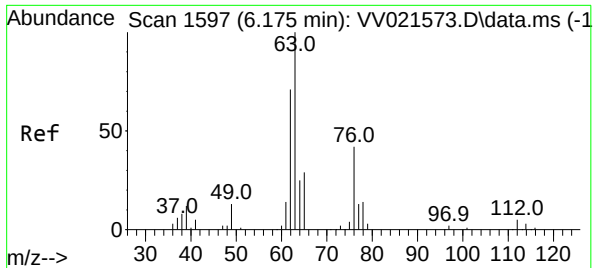
Ion Ratio Lower Upper

83 100

55 74.1 58.7 88.1

98 49.6 39.7 59.5

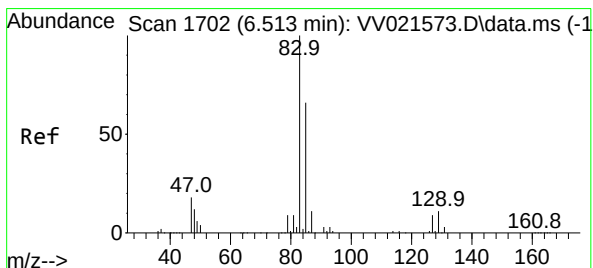
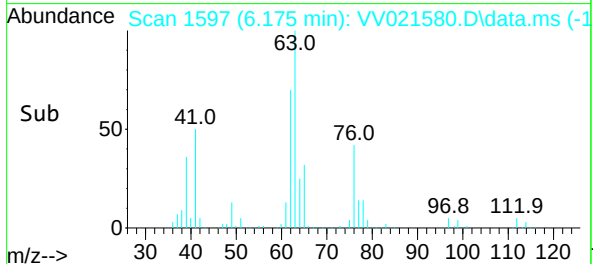
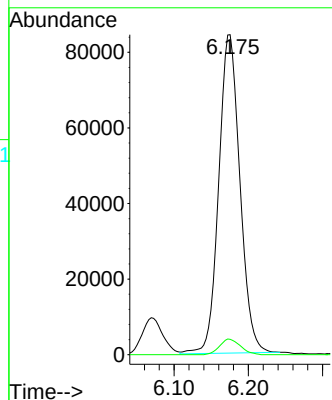
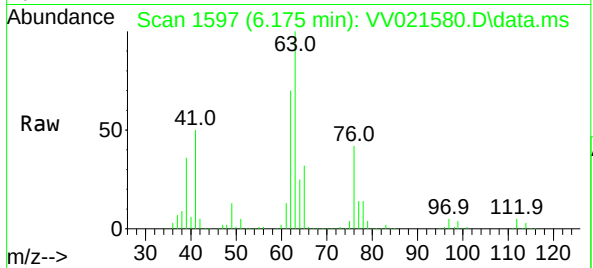




#37
1,2-Dichloropropane
Concen: 45.929 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

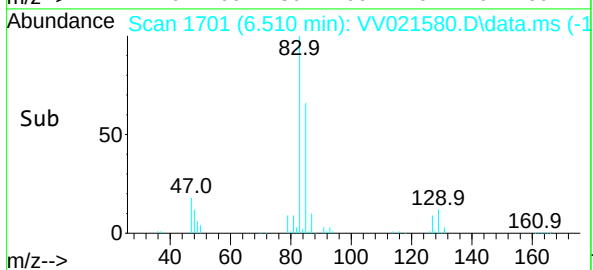
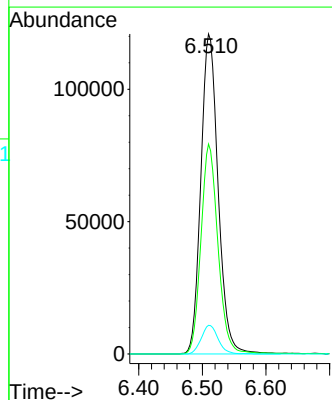
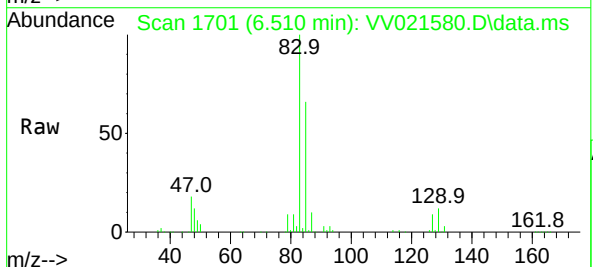
Instrument :
MSVOA_V
ClientSampleId :

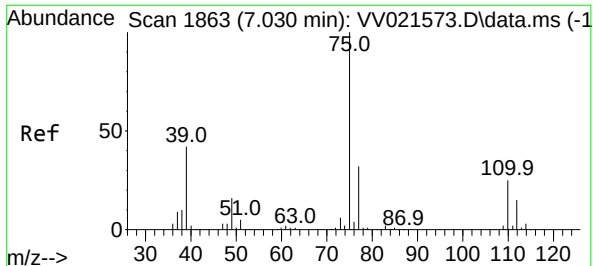
Tgt Ion: 63 Resp: 167244
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.6



#38
Bromodichloromethane
Concen: 46.389 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

Tgt Ion: 83 Resp: 228278
Ion Ratio Lower Upper
83 100
85 65.6 46.3 86.1
127 9.0 7.3 10.9

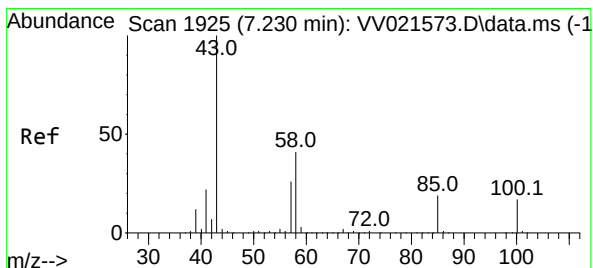
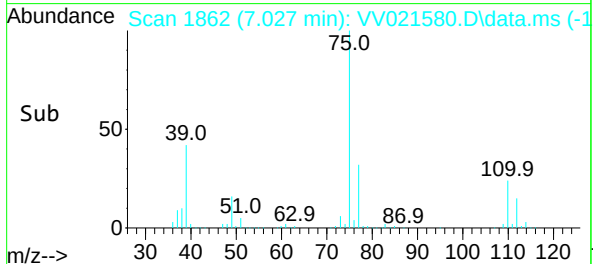
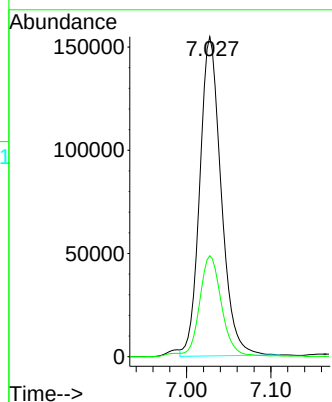
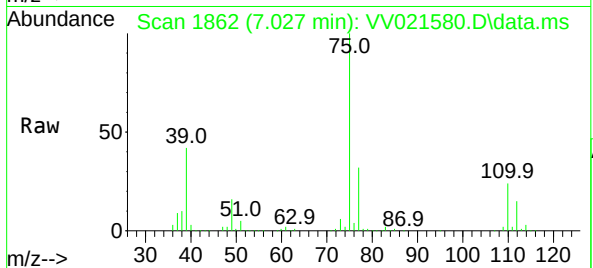




#39
 cis-1,3-Dichloropropene
 Concen: 45.532 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.003 min
 Lab File: VV021580.D
 Acq: 29 Jun 2021 15:29

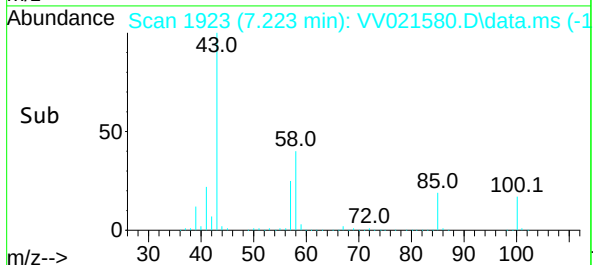
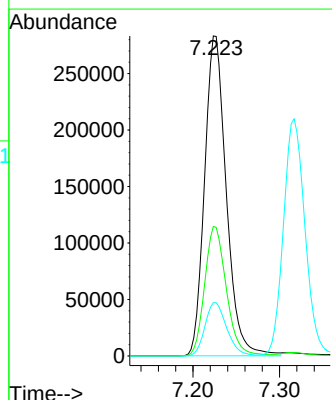
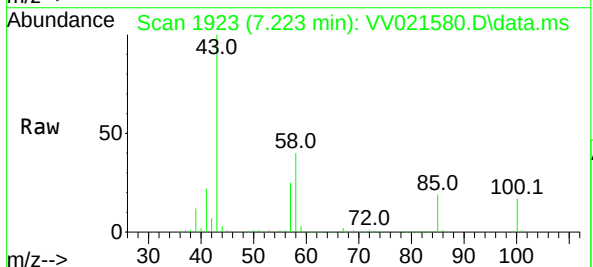
Instrument :
 MSVOA_V
 ClientSampled :

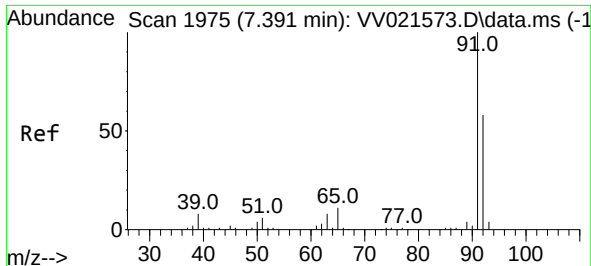
Tgt Ion: 75 Resp: 273407
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 92.305 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: VV021580.D
 Acq: 29 Jun 2021 15:29

Tgt Ion: 43 Resp: 493392
 Ion Ratio Lower Upper
 43 100
 58 40.5 32.8 49.2
 100 16.7 13.5 20.3

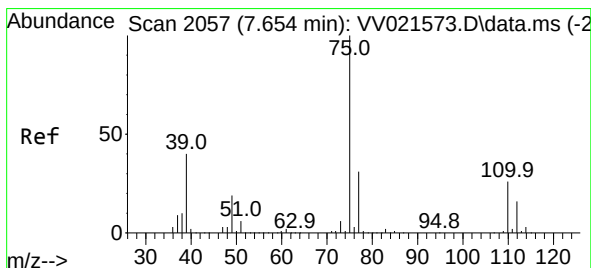
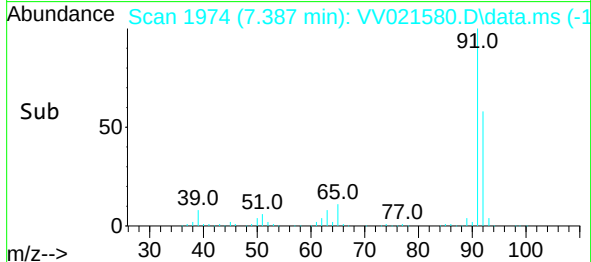
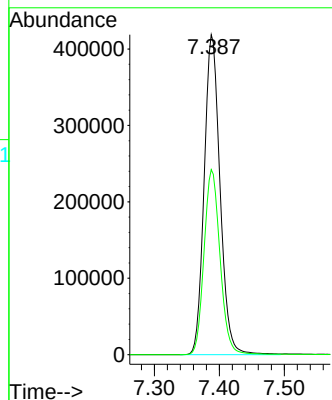
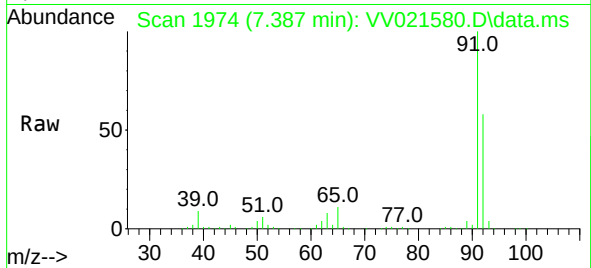




#42
Toluene
Concen: 47.574 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

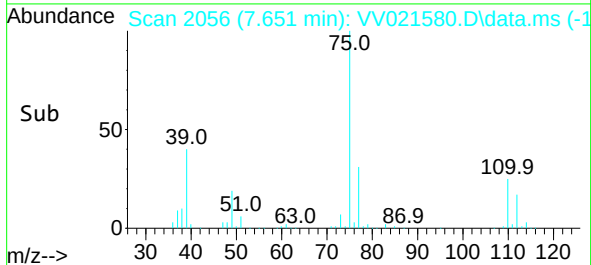
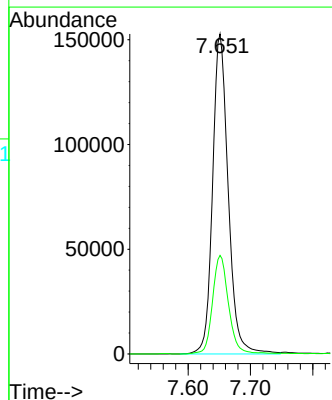
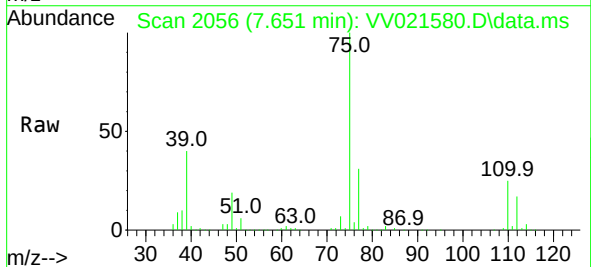
Instrument :
MSVOA_V
ClientSampled :

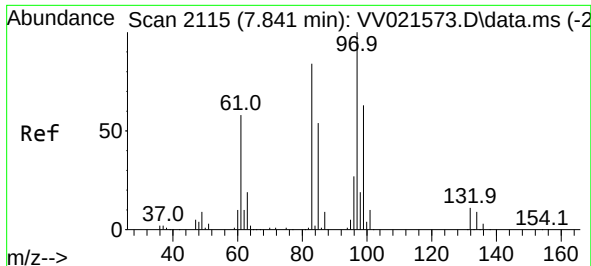
Tgt Ion: 91 Resp: 713863
Ion Ratio Lower Upper
91 100
92 57.9 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 47.414 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

Tgt Ion: 75 Resp: 265879
Ion Ratio Lower Upper
75 100
77 30.8 21.8 40.4



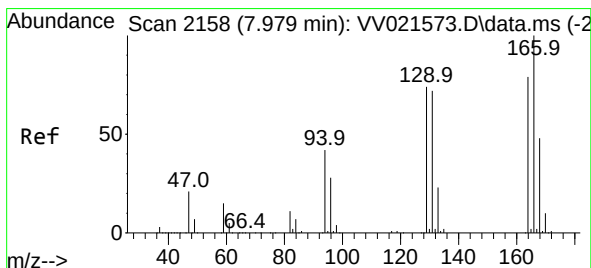
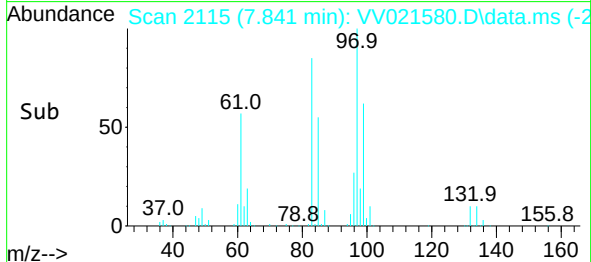
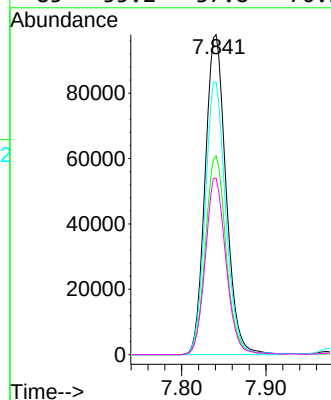
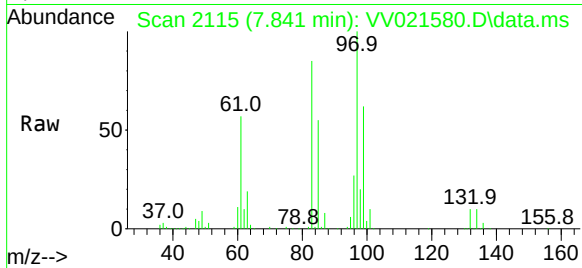


#45
1,1,2-Trichloroethane
Concen: 47.280 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 97 Resp: 169130

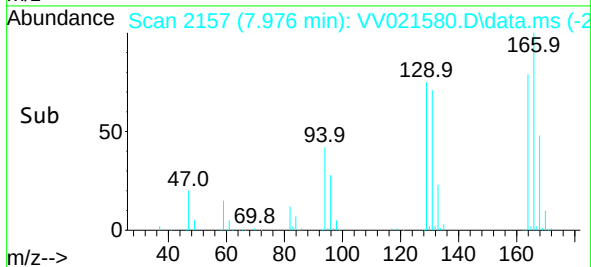
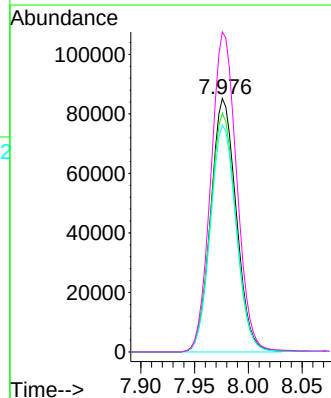
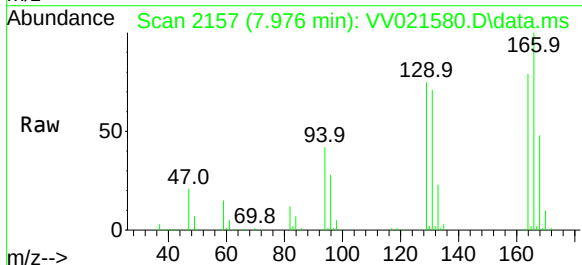
Ion	Ratio	Lower	Upper
97	100		
99	62.2	44.4	82.4
83	85.2	58.8	109.2
85	55.2	37.8	70.2

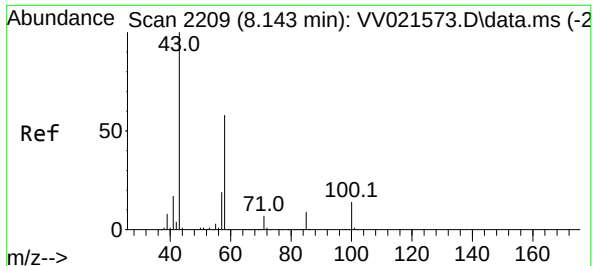


#46
Tetrachloroethene
Concen: 46.855 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

Tgt Ion: 164 Resp: 141118

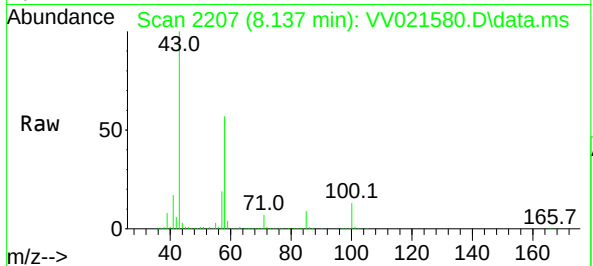
Ion	Ratio	Lower	Upper
164	100		
129	94.2	65.9	122.3
131	89.5	64.0	119.0
166	126.3	89.0	165.2



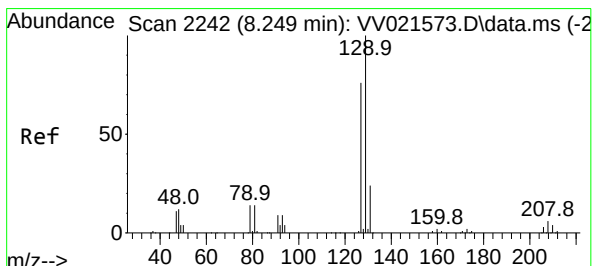
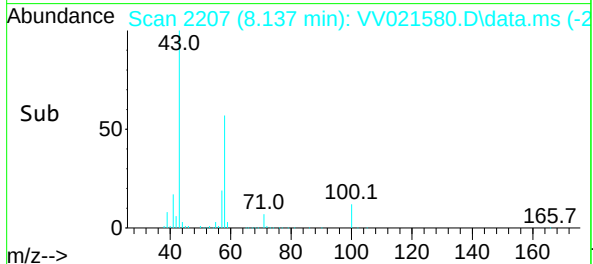
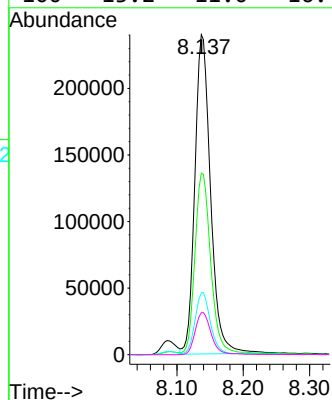


#48
2-Hexanone
Concen: 93.601 ug/L
RT: 8.137 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

Instrument :
MSVOA_V
ClientSampled :

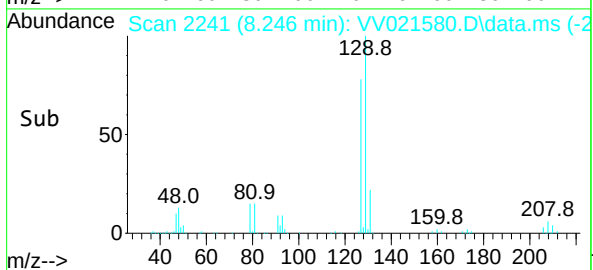
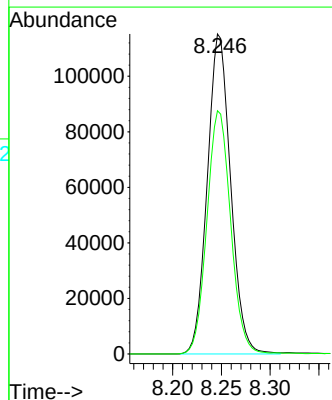
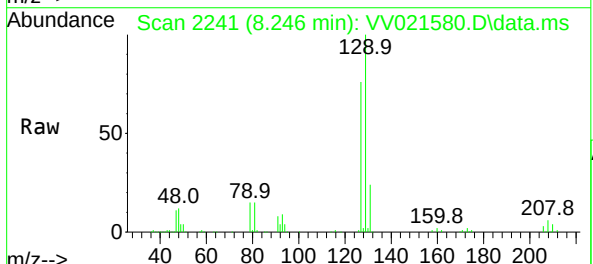


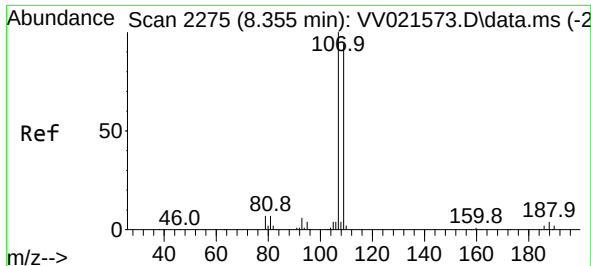
Tgt Ion: 43 Resp: 395464
Ion Ratio Lower Upper
43 100
58 55.8 46.7 70.1
57 18.9 15.5 23.3
100 13.2 11.0 16.4



#49
Dibromochloromethane
Concen: 46.630 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

Tgt Ion: 129 Resp: 192103
Ion Ratio Lower Upper
129 100
127 76.0 53.1 98.7





#50

1,2-Dibromoethane

Concen: 46.205 ug/L

RT: 8.352 min Scan# 2274

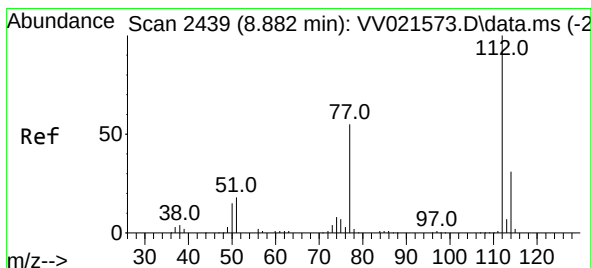
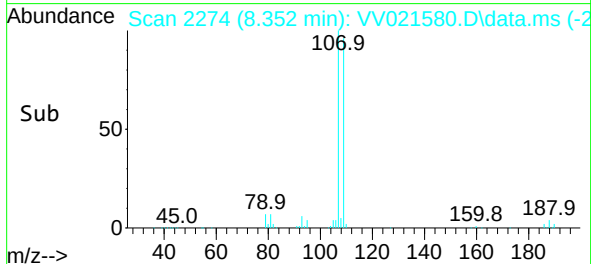
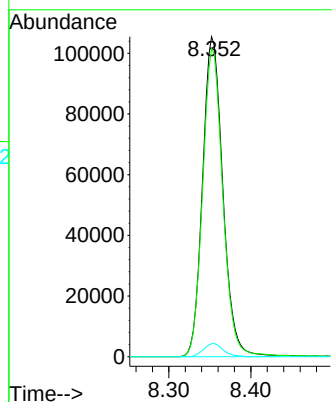
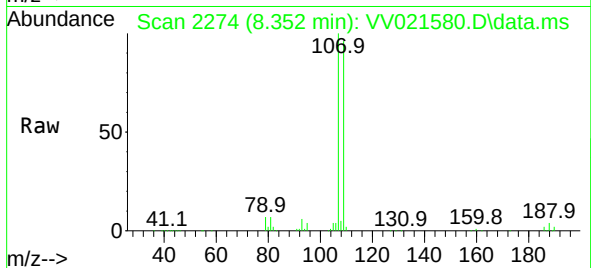
Delta R.T. -0.003 min

Lab File: VV021580.D

Acq: 29 Jun 2021 15:29

Tgt Ion:	107	Resp:	181224
Ion	Ratio	Lower	Upper
107	100		
109	96.3	65.8	122.2
188	4.1	3.1	4.7

Instrument :
MSVOA_V
ClientSampled :



#51

Chlorobenzene

Concen: 47.216 ug/L

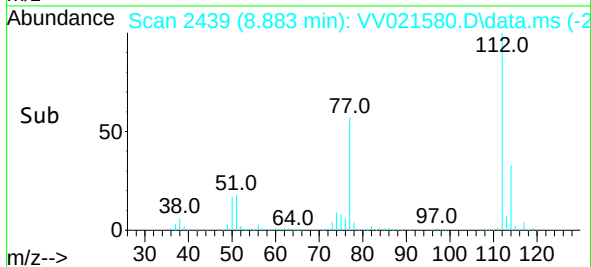
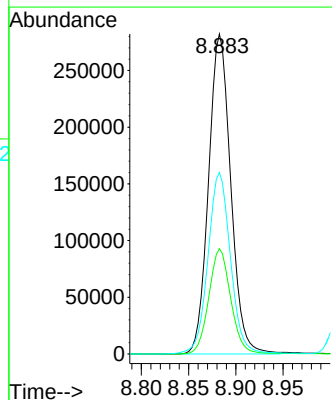
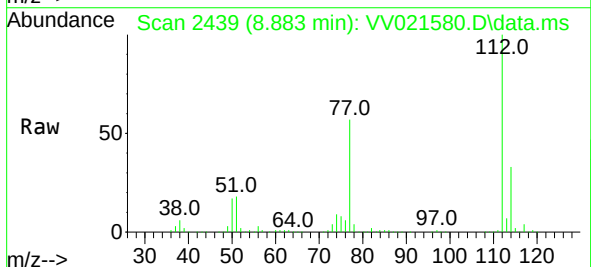
RT: 8.883 min Scan# 2439

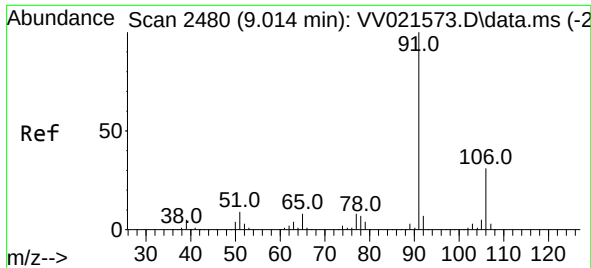
Delta R.T. 0.000 min

Lab File: VV021580.D

Acq: 29 Jun 2021 15:29

Tgt Ion:	112	Resp:	461054
Ion	Ratio	Lower	Upper
112	100		
114	32.9	21.9	40.7
77	56.7	44.0	66.0

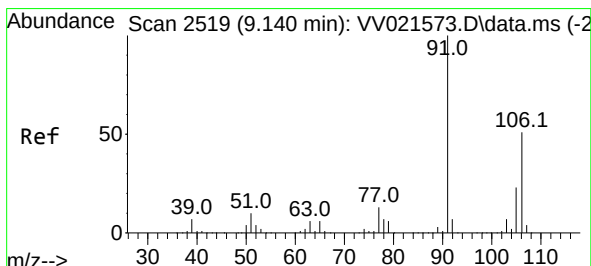
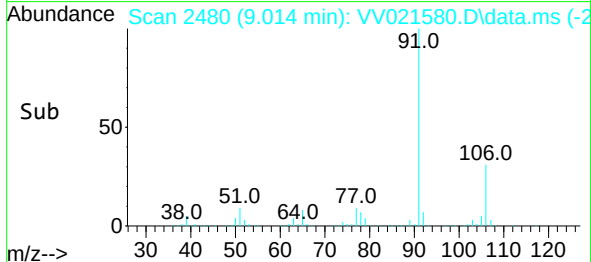
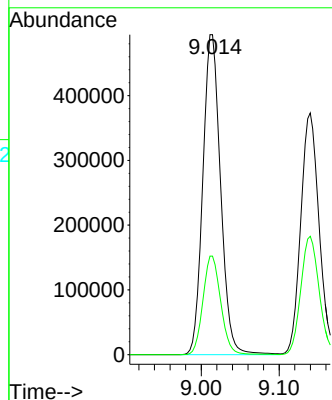
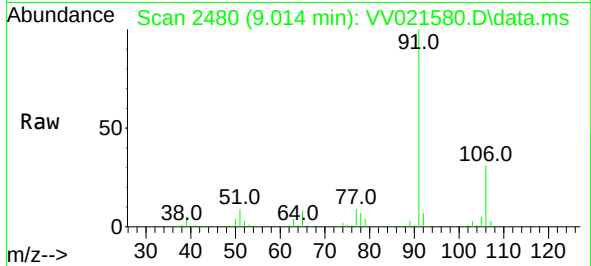




#52
Ethylbenzene
Concen: 48.015 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

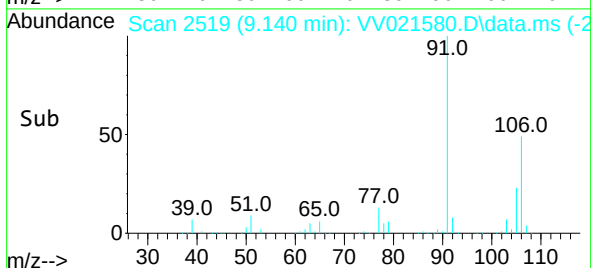
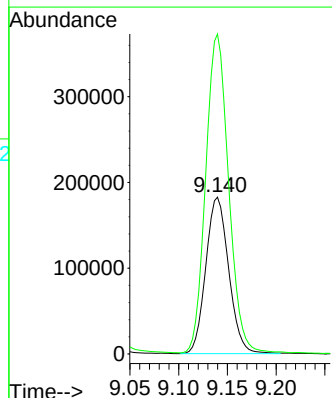
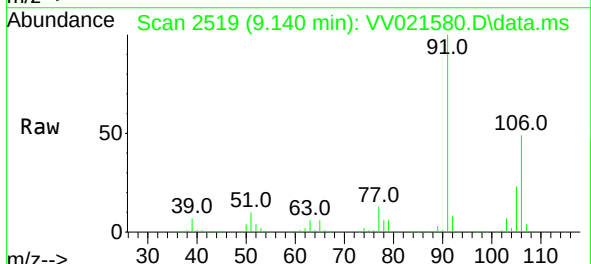
Instrument :
MSVOA_V
ClientSampled :

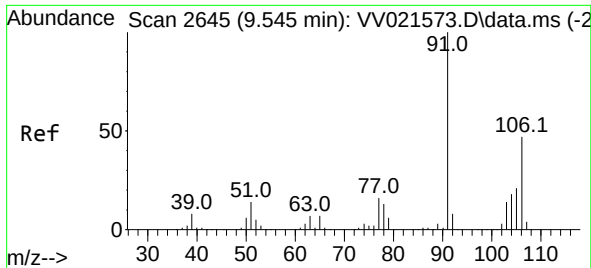
Tgt Ion: 91 Resp: 782735
Ion Ratio Lower Upper
91 100
106 30.8 21.8 40.6



#53
m,p-Xylene
Concen: 47.803 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

Tgt Ion: 106 Resp: 299053
Ion Ratio Lower Upper
106 100
91 204.2 138.7 257.5

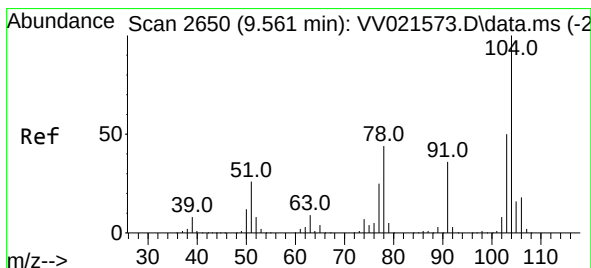
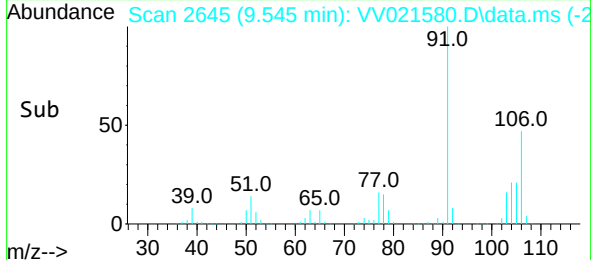
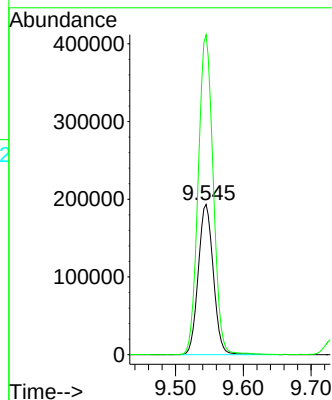
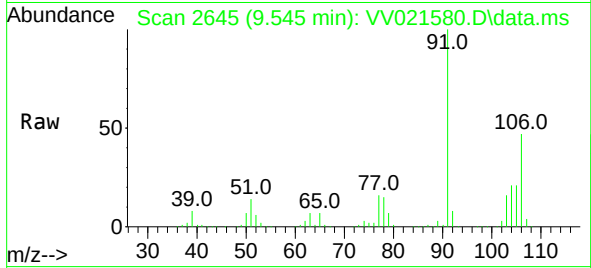




#54
o-Xylene
Concen: 47.857 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

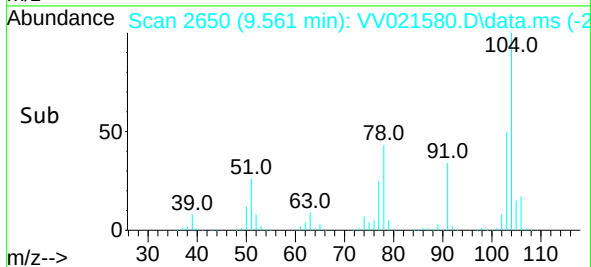
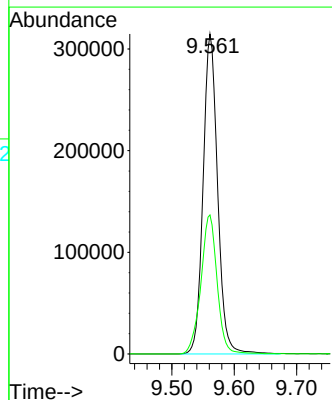
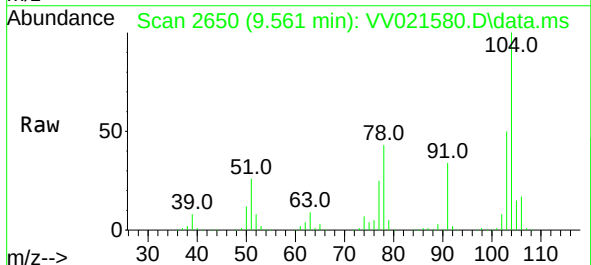
Instrument :
MSVOA_V
ClientSampled :

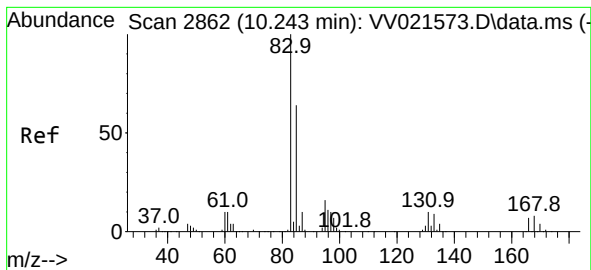
Tgt Ion:106 Resp: 298693
Ion Ratio Lower Upper
106 100
91 213.1 149.0 276.8



#55
Styrene
Concen: 48.365 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

Tgt Ion:104 Resp: 510075
Ion Ratio Lower Upper
104 100
78 43.4 30.6 56.8

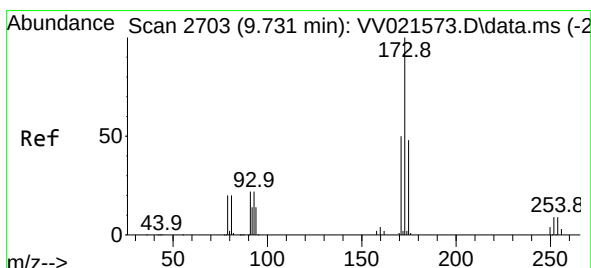
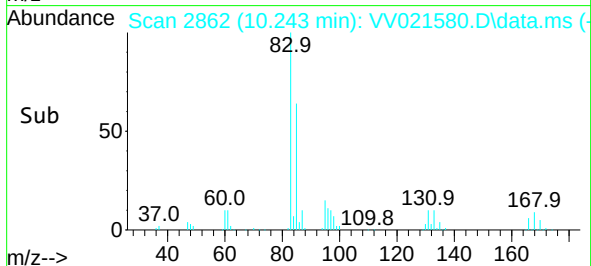
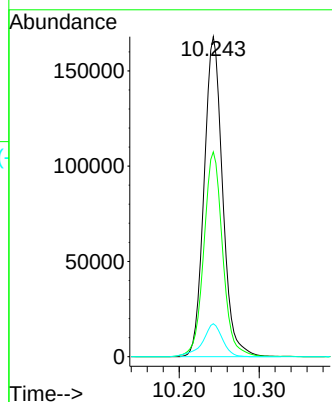
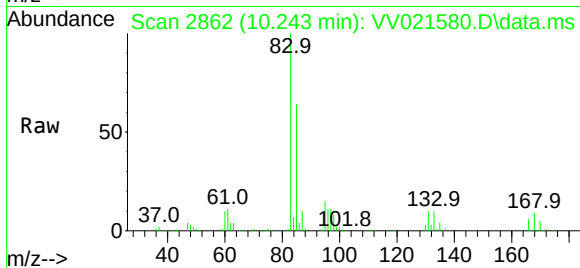




#57
1,1,2,2-Tetrachloroethane
Concen: 48.523 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

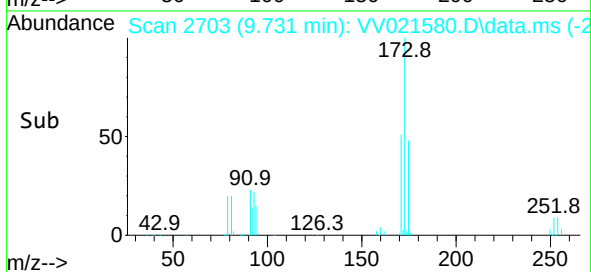
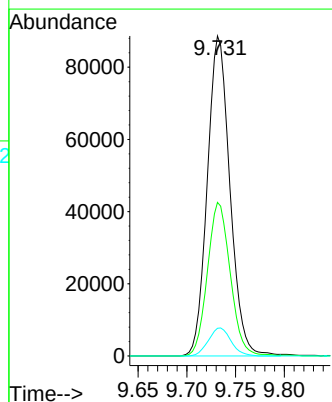
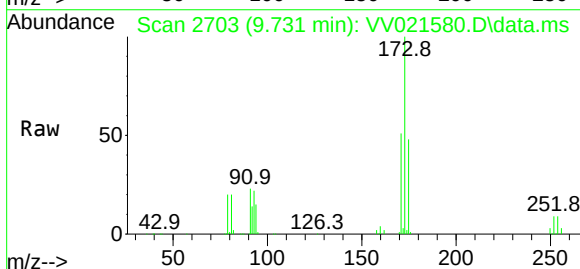
Instrument :
MSVOA_V
ClientSampleId :

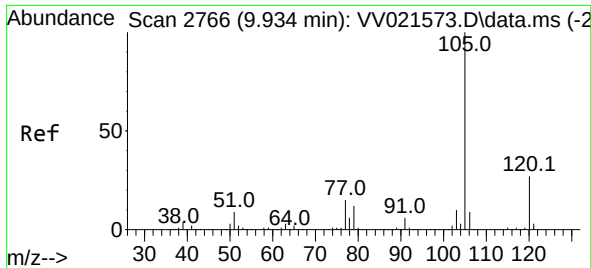
Tgt Ion: 83 Resp: 270578
Ion Ratio Lower Upper
83 100
85 64.0 45.0 83.6
131 10.3 8.4 12.6



#59
Bromoform
Concen: 45.025 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

Tgt Ion: 173 Resp: 143286
Ion Ratio Lower Upper
173 100
175 48.4 39.0 58.6
254 8.8 7.0 10.6

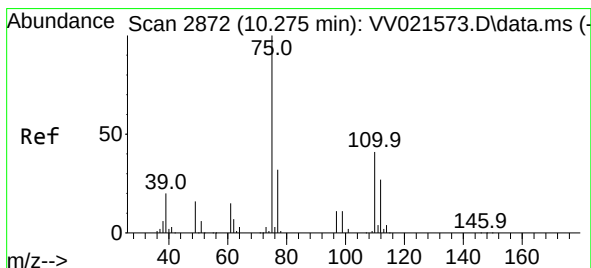
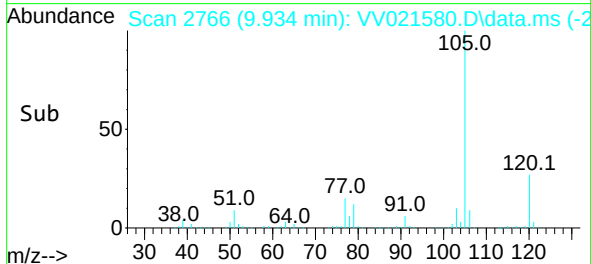
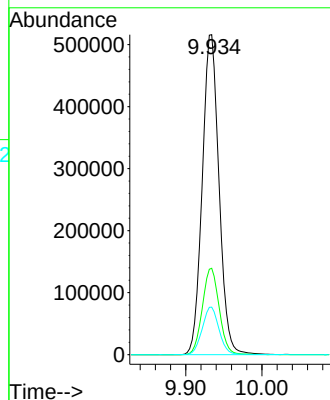
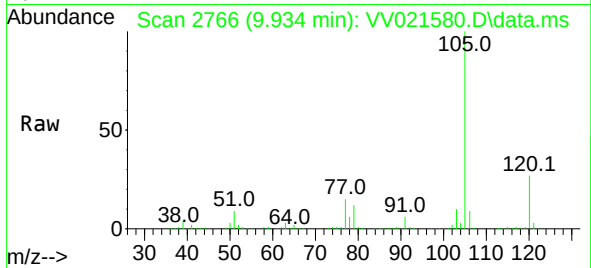




#60
Isopropylbenzene
Concen: 46.805 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

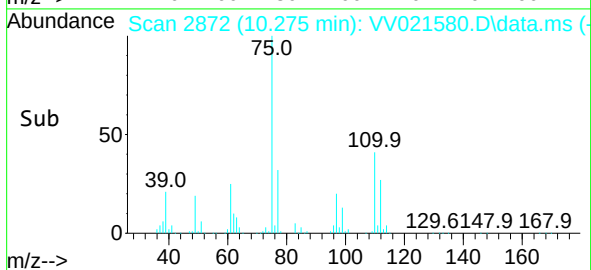
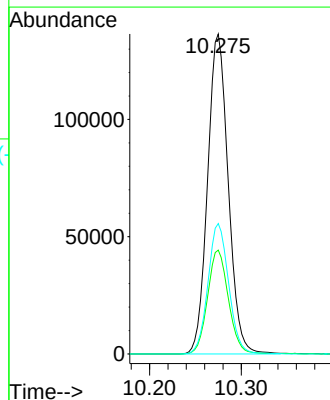
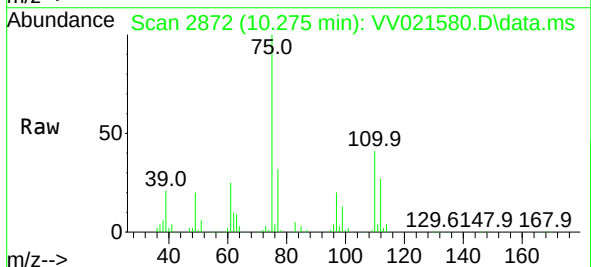
Instrument :
MSVOA_V
ClientSampled :

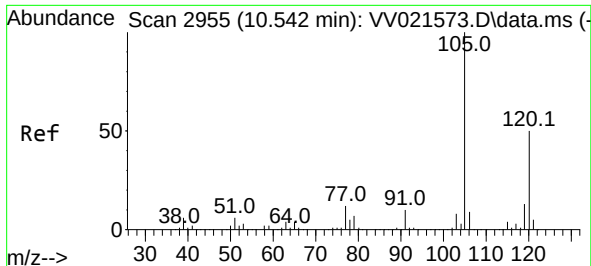
Tgt Ion:105 Resp: 790445
Ion Ratio Lower Upper
105 100
120 27.1 21.5 32.3
77 14.9 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 44.563 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

Tgt Ion: 75 Resp: 213294
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.8
110 40.9 33.0 49.6

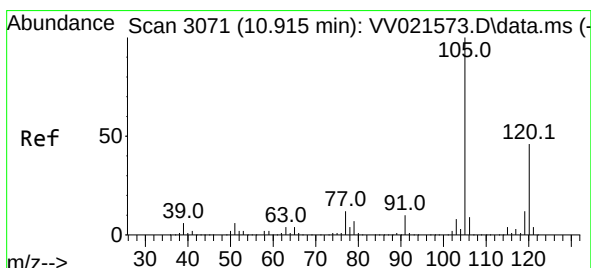
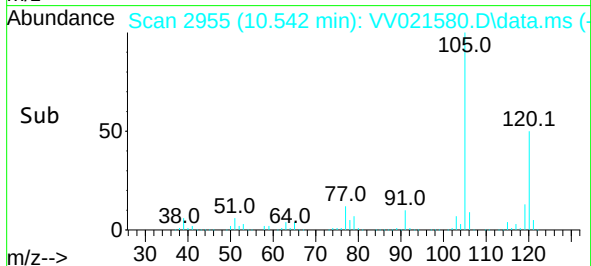
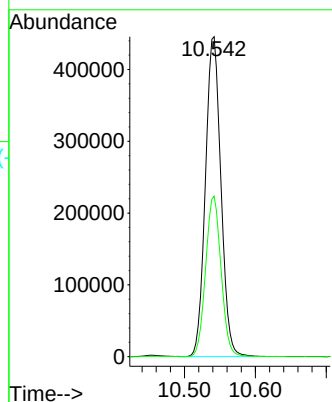
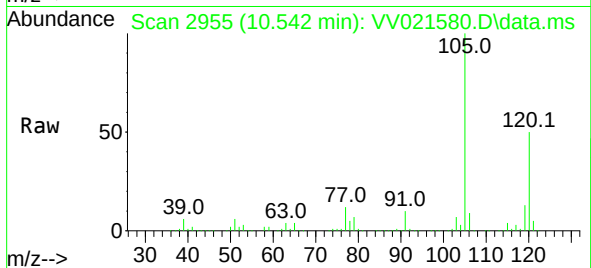




#62
1,3,5-Trimethylbenzene
Concen: 47.107 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

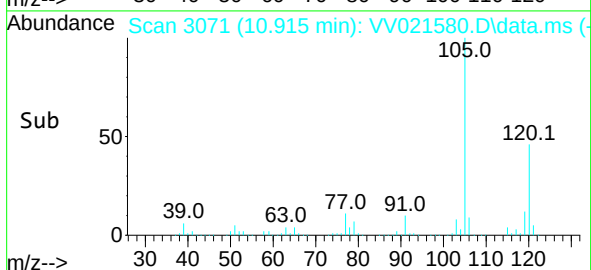
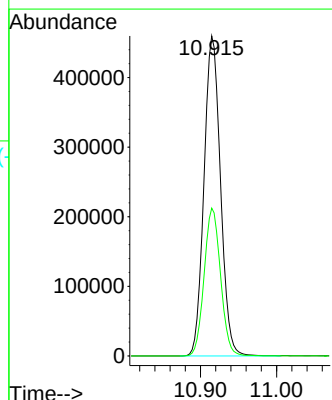
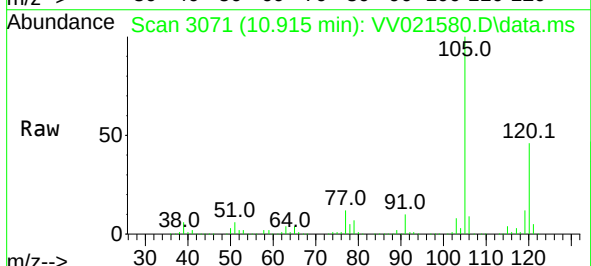
Tgt Ion:105 Resp: 678000
Ion Ratio Lower Upper
105 100
120 49.9 40.0 60.0

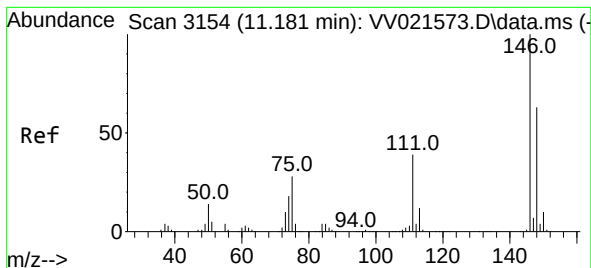
Instrument :
MSVOA_V
ClientSampled :



#63
1,2,4-Trimethylbenzene
Concen: 47.585 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

Tgt Ion:105 Resp: 693102
Ion Ratio Lower Upper
105 100
120 45.9 37.1 55.7





#64

1,3-Dichlorobenzene

Concen: 47.027 ug/L

RT: 11.182 min Scan# 3154

Delta R.T. 0.000 min

Lab File: VV021580.D

Acq: 29 Jun 2021 15:29

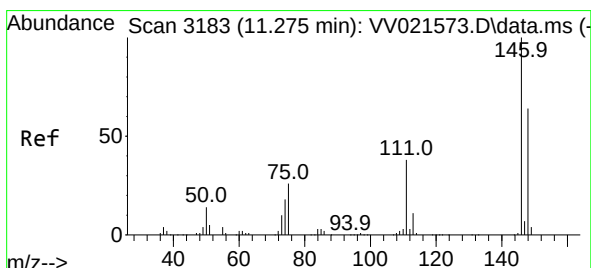
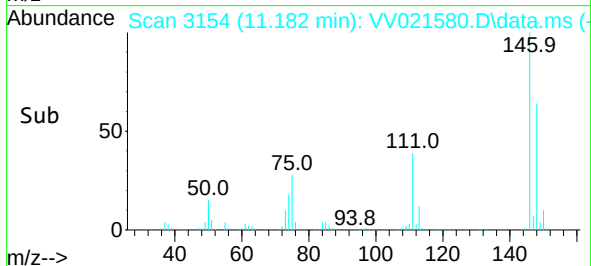
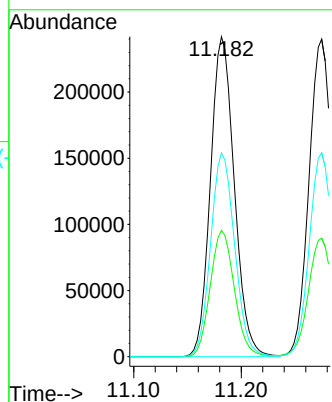
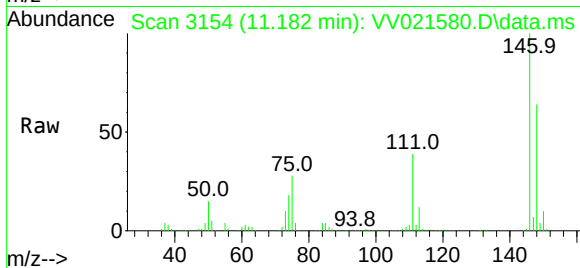
Tgt Ion:146 Resp: 373456

Ion Ratio Lower Upper

146 100

111 39.5 27.3 50.7

148 63.6 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 47.343 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.000 min

Lab File: VV021580.D

Acq: 29 Jun 2021 15:29

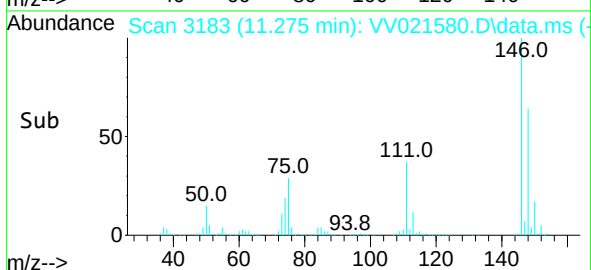
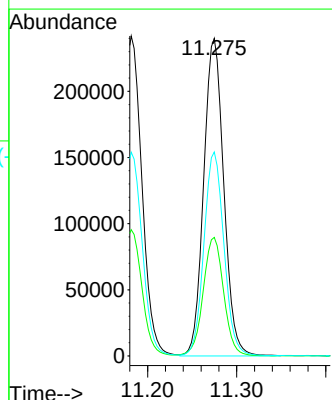
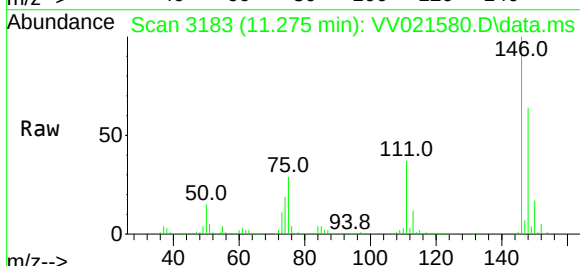
Tgt Ion:146 Resp: 375778

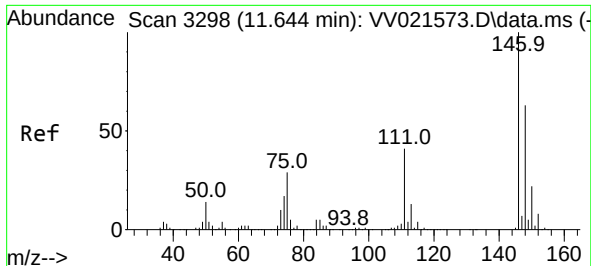
Ion Ratio Lower Upper

146 100

111 37.3 26.6 49.4

148 64.2 45.2 84.0

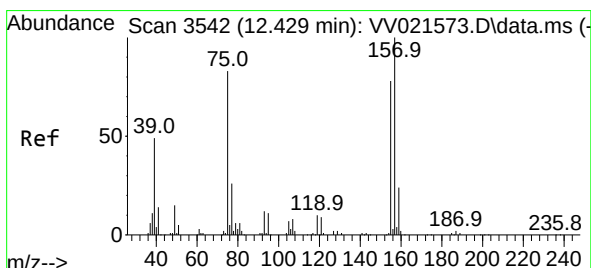
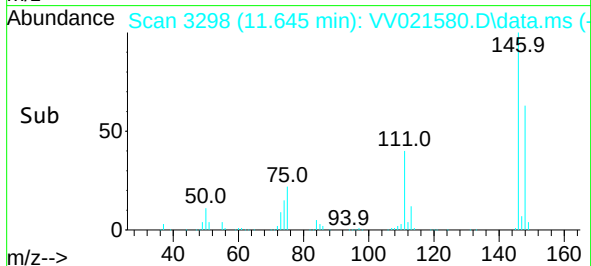
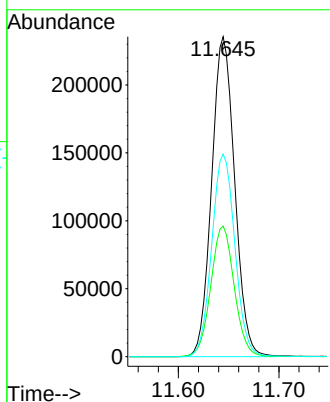
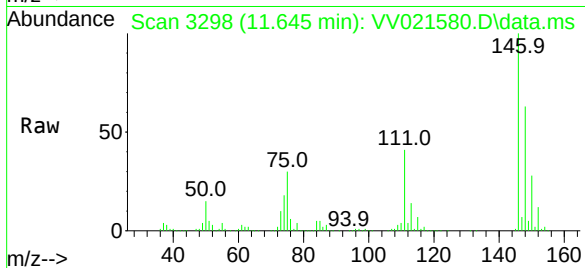




#67
1,2-Dichlorobenzene
Concen: 47.124 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

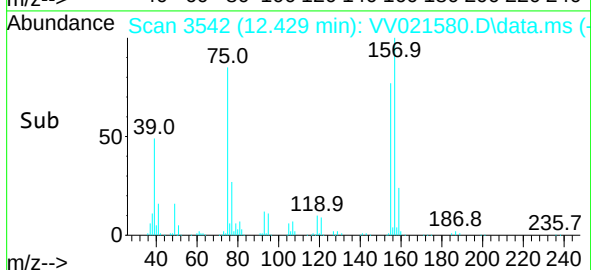
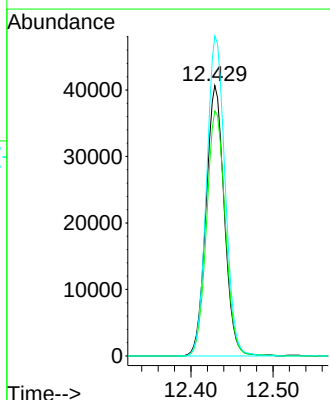
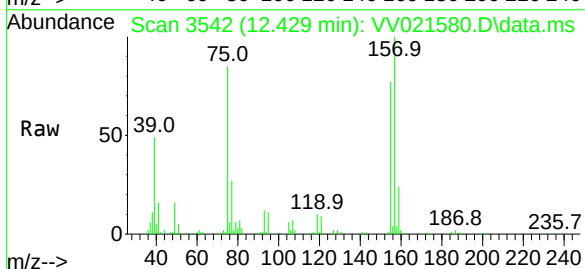
Instrument :
MSVOA_V
ClientSampled :

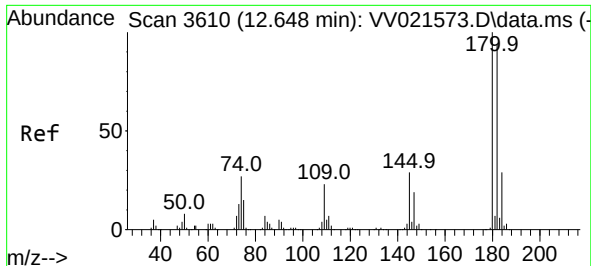
Tgt Ion:146 Resp: 375028
Ion Ratio Lower Upper
146 100
111 40.8 32.6 48.8
148 63.3 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 44.380 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

Tgt Ion: 75 Resp: 62971
Ion Ratio Lower Upper
75 100
155 90.6 75.9 113.9
157 118.3 96.7 145.1

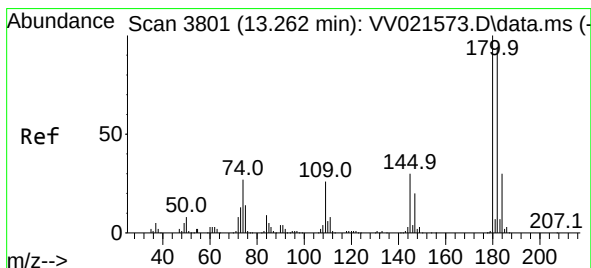
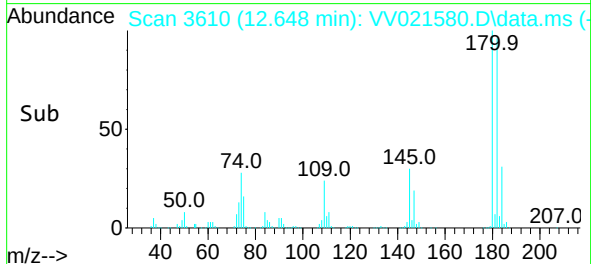
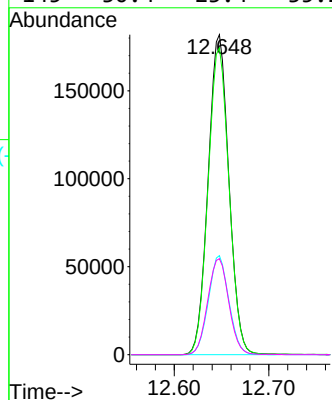
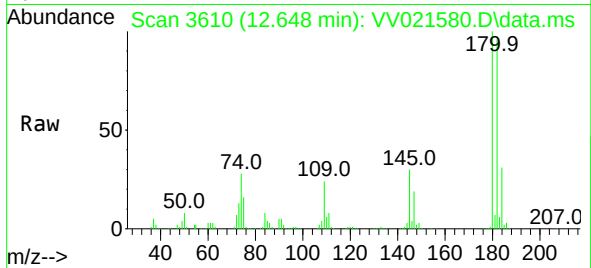




#69
1,3,5-Trichlorobenzene
Concen: 46.764 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

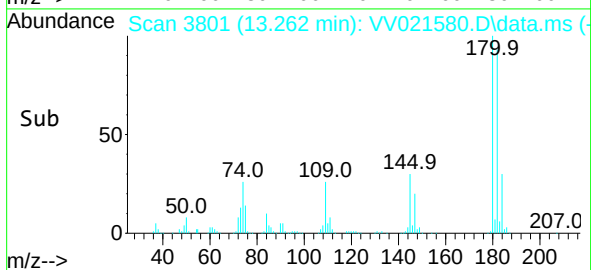
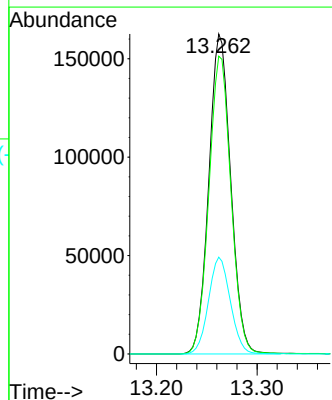
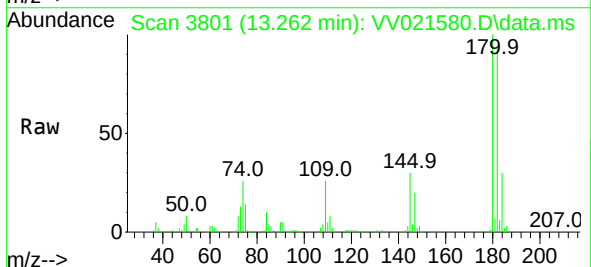
Instrument :
MSVOA_V
ClientSampleId :

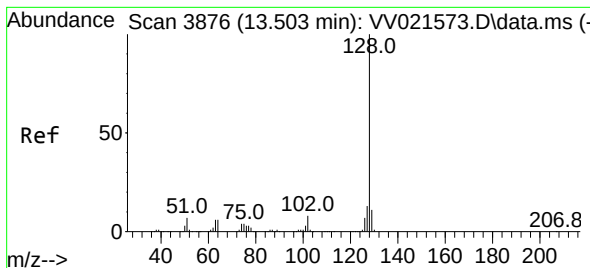
Tgt Ion:	180	Resp:	277522
Ion Ratio	Lower	Upper	
180	100		
182	96.6	75.0	112.4
184	30.5	23.8	35.6
145	30.4	23.4	35.2



#70
1,2,4-trichlorobenzene
Concen: 48.079 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

Tgt Ion:	180	Resp:	245385
Ion Ratio	Lower	Upper	
180	100		
182	94.0	75.4	113.2
145	30.2	24.1	36.1

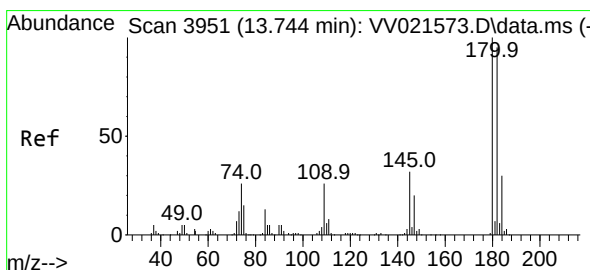
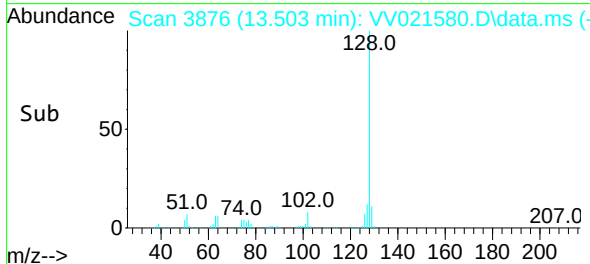
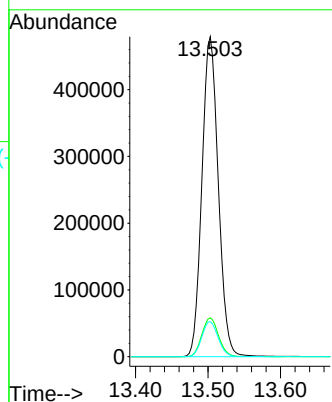
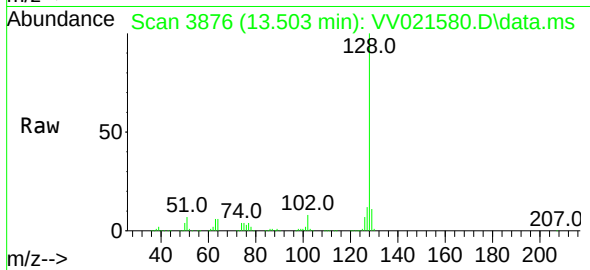




#71
Naphthalene
Concen: 48.371 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 751874
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 47.797 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV021580.D
Acq: 29 Jun 2021 15:29

Tgt Ion:180 Resp: 240943
Ion Ratio Lower Upper
180 100
182 96.6 75.8 113.6
145 32.8 25.7 38.5

