

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052821\
 Data File : VN067196.D
 Acq On : 28 May 2021 23:06
 Operator : JC/MD
 Sample : M2551-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JCSY-SP2-VOC

Quant Time: May 29 02:27:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052121W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 21 17:24:08 2021
 Response via : Initial Calibration

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

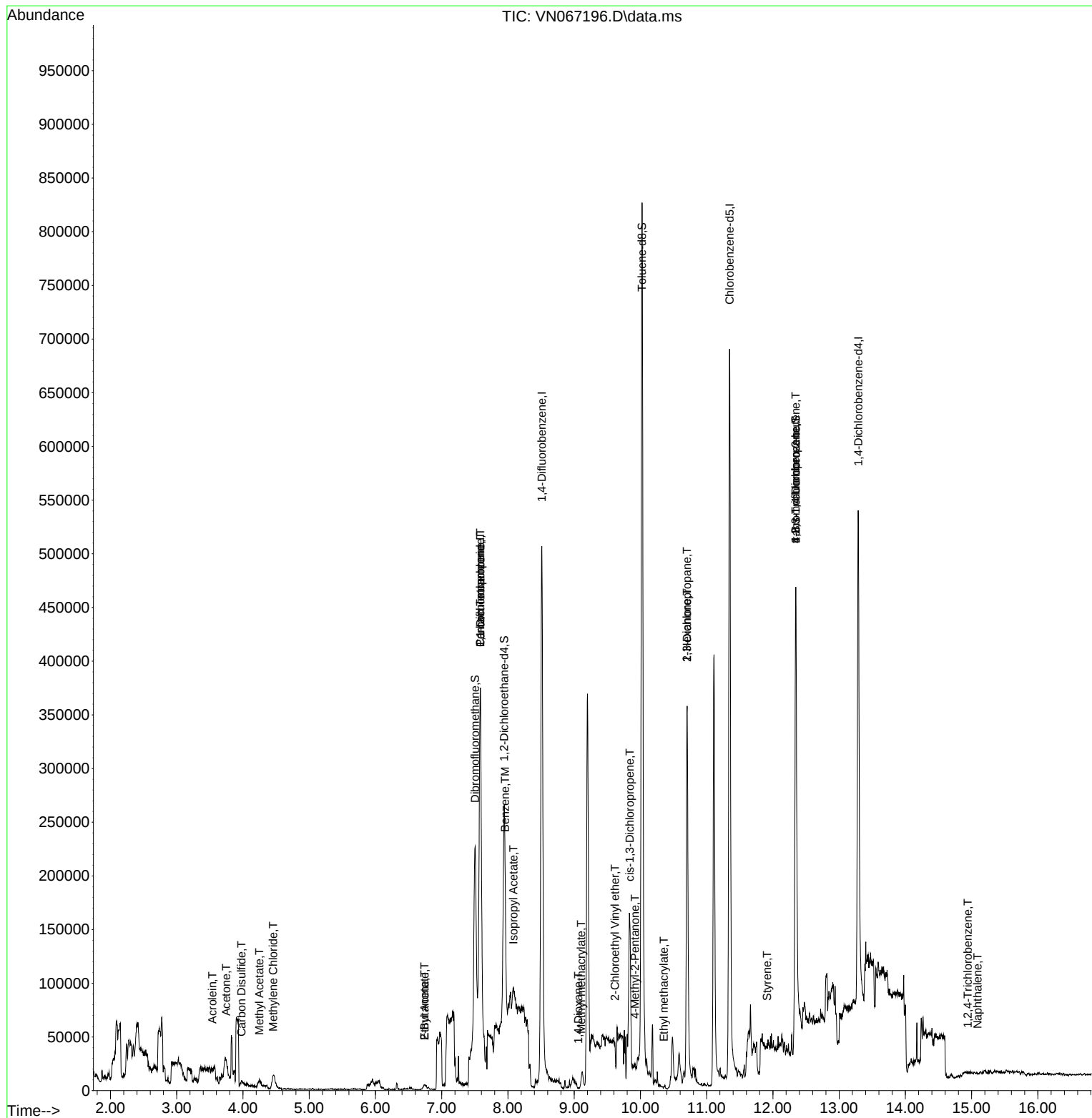
Internal Standards						
1) Pentafluorobenzene	7.581	168	254193	50.00	ug/l	#-0.02
34) 1,4-Difluorobenzene	8.511	114	467376	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.346	117	406361	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.288	152	151912	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.943	65	185318	46.98	ug/l	-0.02
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.96%		
35) Dibromofluoromethane	7.503	113	144536	50.39	ug/l	-0.02
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.78%		
50) Toluene-d8	10.024	98	566674	51.34	ug/l	-0.01
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.68%		
62) 4-Bromofluorobenzene	12.344	95	188943	50.07	ug/l	-0.01
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.14%		
Target Compounds					Qvalue	
13) Acrolein	3.539	56	518	0.75	ug/l #	33
16) Acetone	3.746	43	30314	18.69	ug/l	93
17) Carbon Disulfide	3.976	76	2545	0.27	ug/l #	57
18) Methyl Acetate	4.247	43	9010	1.99	ug/l #	77
20) Methylene Chloride	4.456	84	5120	1.28	ug/l	89
25) 2-Butanone	6.741	43	3695	1.43	ug/l	98
36) 1,1-Dichloropropene	7.581	75	21525	4.55	ug/l #	50
37) Ethyl Acetate	6.741	43	3695	0.71	ug/l #	68
38) Carbon Tetrachloride	7.581	117	27891	6.06	ug/l #	16
40) Benzene	7.959	78	3007	0.21	ug/l	93
43) Isopropyl Acetate	8.085	43	21259	2.35	ug/l	93
48) Methyl methacrylate	9.107	41	5479	1.36	ug/l #	19
49) 1,4-Dioxane	9.064	88	25	60.98	ug/l #	27
51) 4-Methyl-2-Pentanone	9.917	43	2365	0.47	ug/l #	64
54) cis-1,3-Dichloropropene	9.842	75	29040	4.84	ug/l #	64
56) Ethyl methacrylate	10.354	69	119	2.81	ug/l #	1
57) 1,3-Dichloropropane	10.705	76	4112	0.70	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.616	63	123	6.87	ug/l #	45
59) 2-Hexanone	10.705	43	56104	32.53	ug/l #	47
70) Styrene	11.912	104	132	2.51	ug/l #	1
76) 1,2,3-Trichloropropane	12.344	75	89112	21.07	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.344	75	89112	60.47	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.943	180	24	3.27	ug/l #	1
95) Naphthalene	15.090	128	137	3.88	ug/l #	69

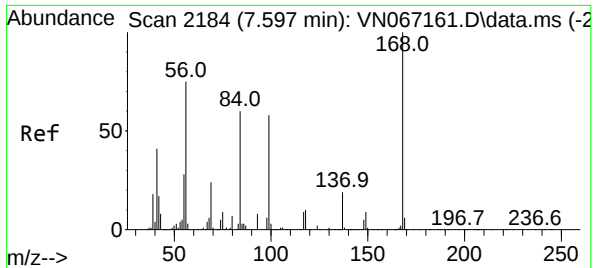
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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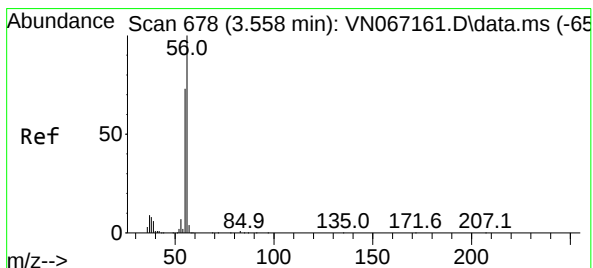
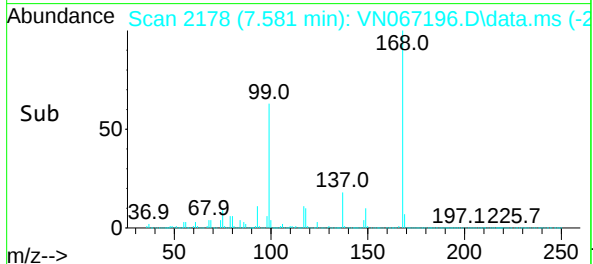
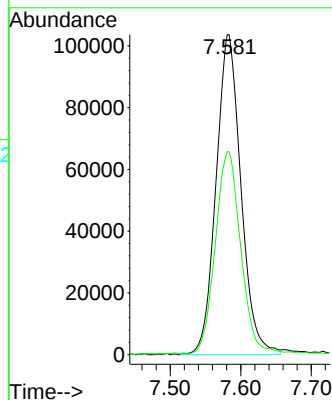
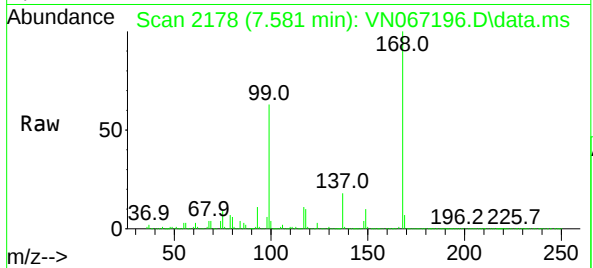




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.581 min Scan# 2178
Delta R.T. -0.016 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

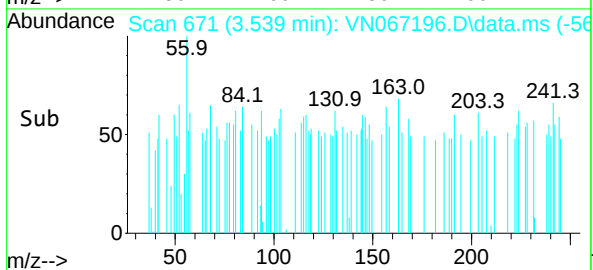
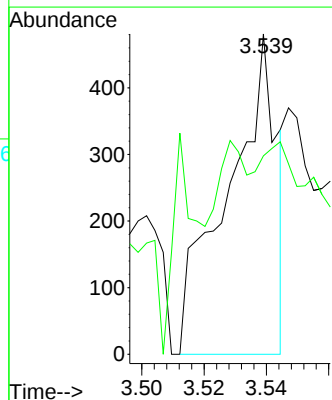
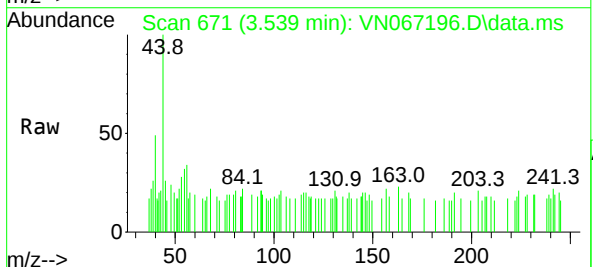
Instrument :
MSVOA_N
ClientSampleId :
JCSY-SP2-VOC

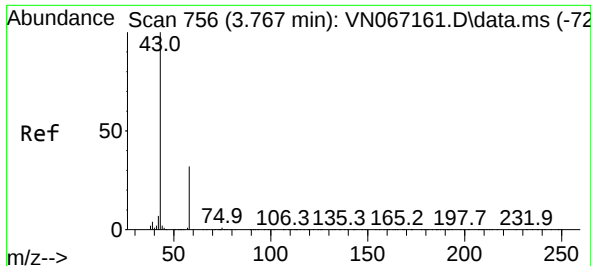
Tgt Ion:168 Resp: 254193
Ion Ratio Lower Upper
168 100
99 63.0 38.5 57.7#



#13
Acrolein
Concen: 0.75 ug/l
RT: 3.539 min Scan# 671
Delta R.T. -0.019 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

Tgt Ion: 56 Resp: 518
Ion Ratio Lower Upper
56 100
55 13.3 53.8 80.6#

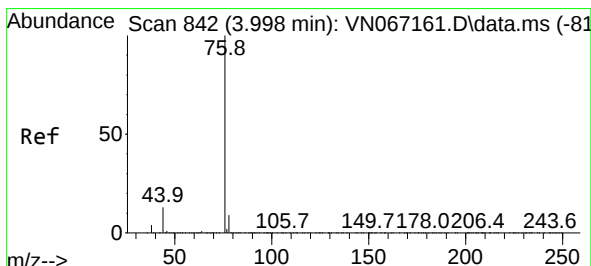
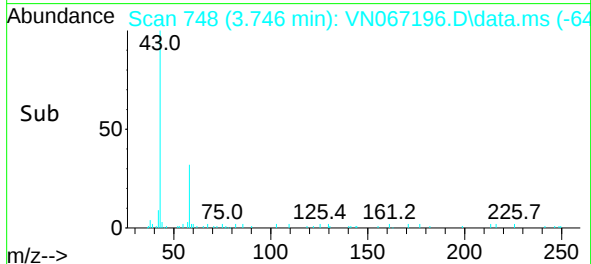
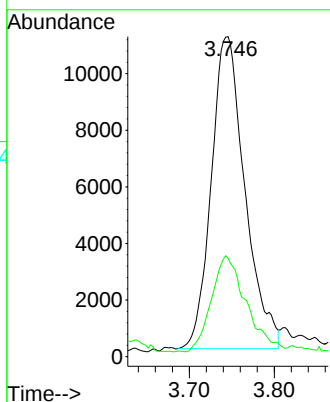
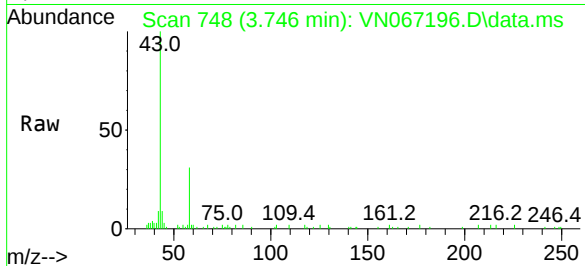




#16
Acetone
Concen: 18.69 ug/l
RT: 3.746 min Scan# 748
Delta R.T. -0.021 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

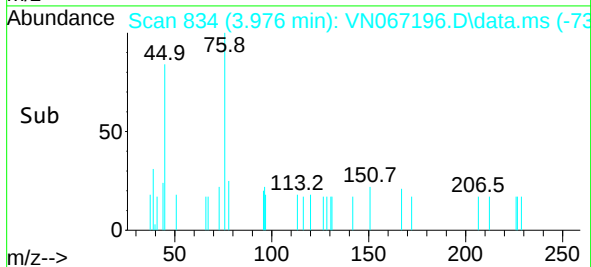
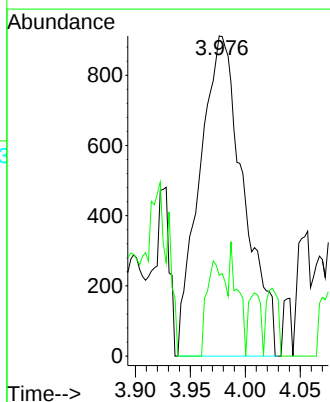
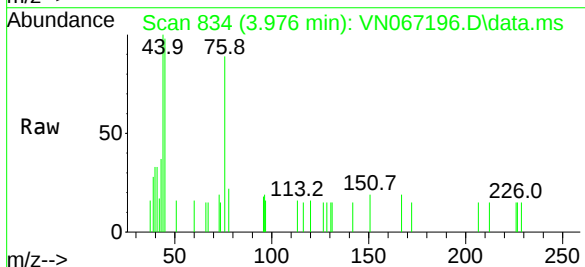
Instrument :
MSVOA_N
ClientSampleId :
JCSY-SP2-VOC

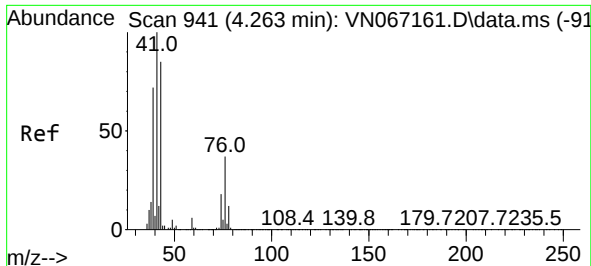
Tgt Ion: 43 Resp: 30314
Ion Ratio Lower Upper
43 100
58 29.8 27.2 40.8



#17
Carbon Disulfide
Concen: 0.27 ug/l
RT: 3.976 min Scan# 834
Delta R.T. -0.022 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

Tgt Ion: 76 Resp: 2545
Ion Ratio Lower Upper
76 100
78 25.2 7.5 11.3#

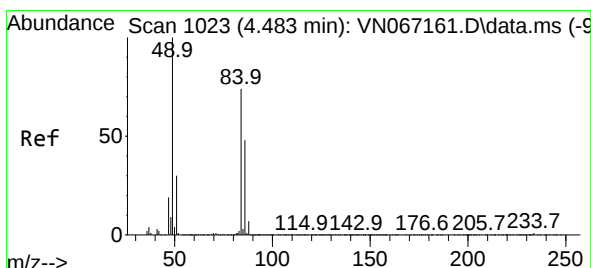
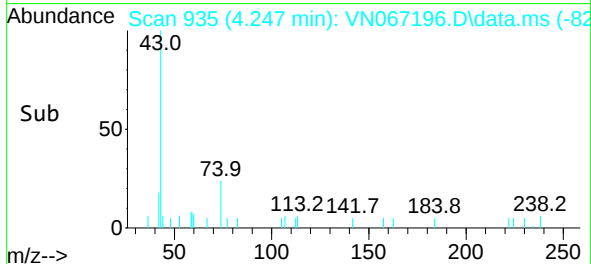
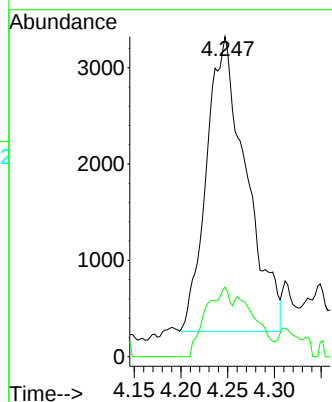
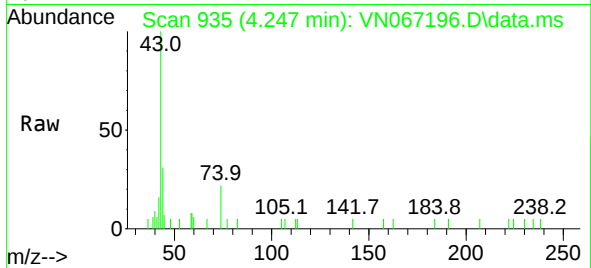




#18
Methyl Acetate
Concen: 1.99 ug/l
RT: 4.247 min Scan# 935
Delta R.T. -0.016 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

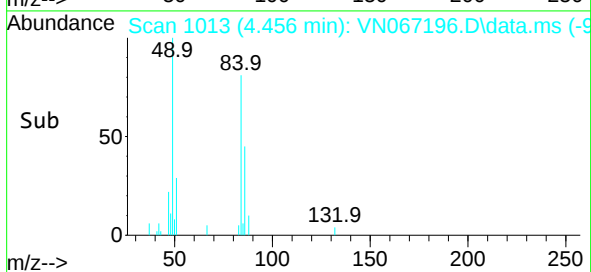
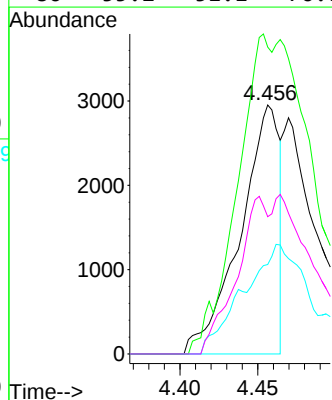
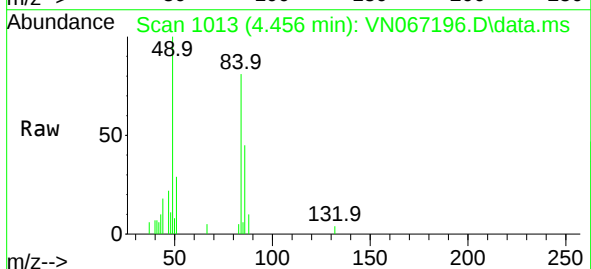
Instrument :
MSVOA_N
ClientSampleId :
JCSY-SP2-VOC

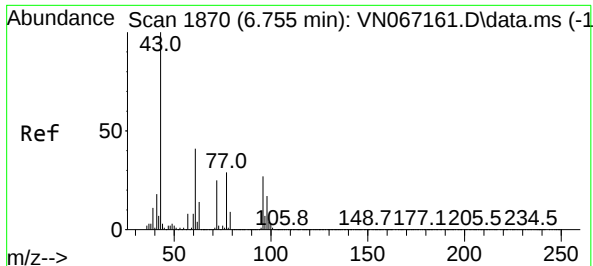
Tgt Ion: 43 Resp: 9010
Ion Ratio Lower Upper
43 100
74 15.0 21.4 32.2#



#20
Methylene Chloride
Concen: 1.28 ug/l
RT: 4.456 min Scan# 1013
Delta R.T. -0.027 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

Tgt Ion: 84 Resp: 5120
Ion Ratio Lower Upper
84 100
49 123.3 88.3 132.5
51 35.9 26.7 40.1
86 55.2 51.1 76.7

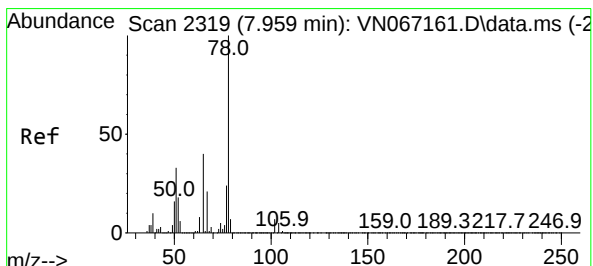
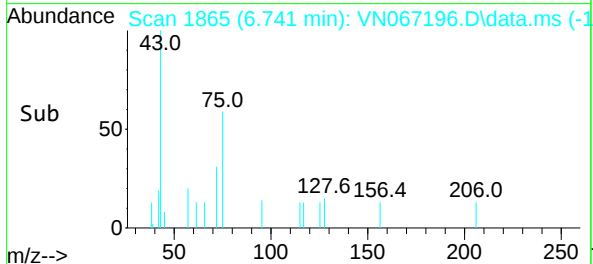
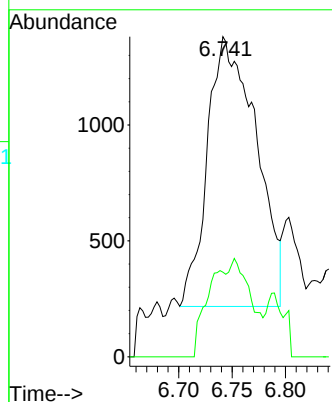
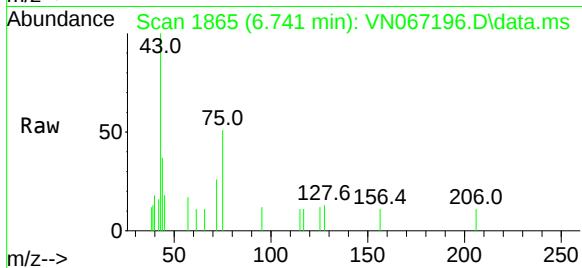




#25
2-Butanone
Concen: 1.43 ug/l
RT: 6.741 min Scan# 1865
Delta R.T. -0.014 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

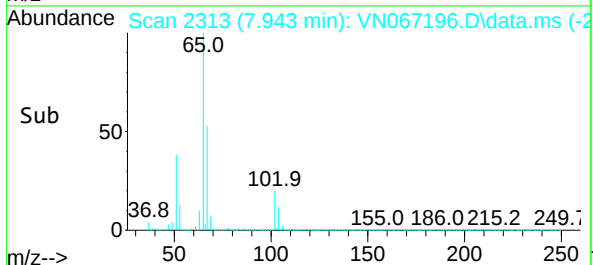
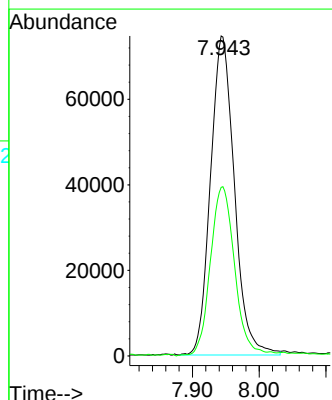
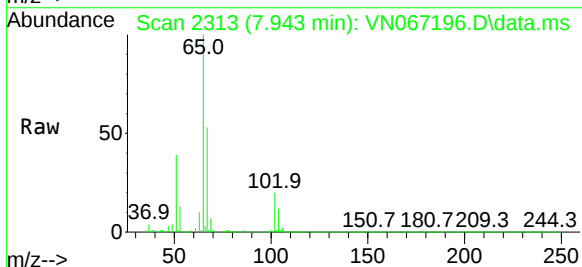
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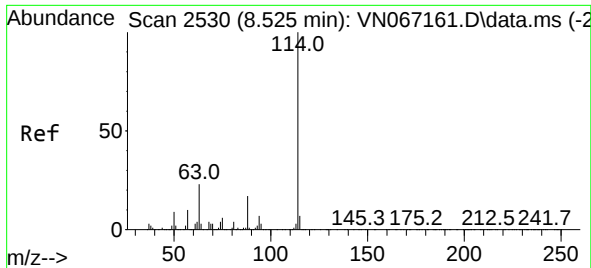
Tgt Ion: 43 Resp: 3695
Ion Ratio Lower Upper
43 100
72 31.4 24.4 36.6



#33
1,2-Dichloroethane-d4
Concen: 46.98 ug/l
RT: 7.943 min Scan# 2313
Delta R.T. -0.016 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

Tgt Ion: 65 Resp: 185318
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.4

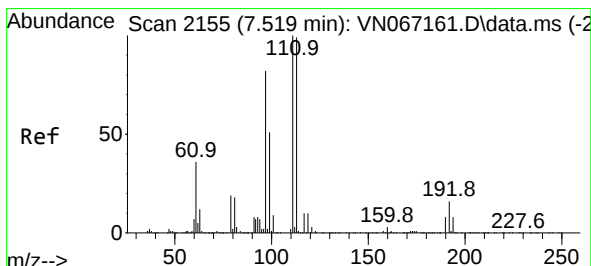
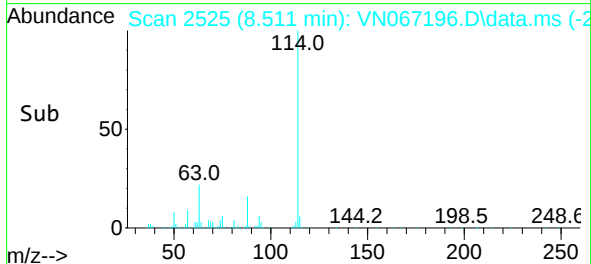
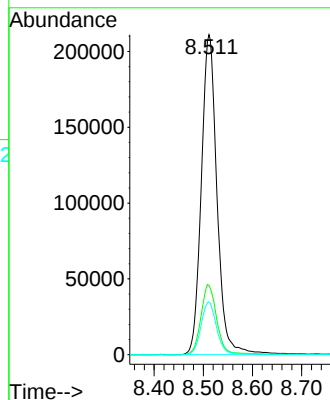
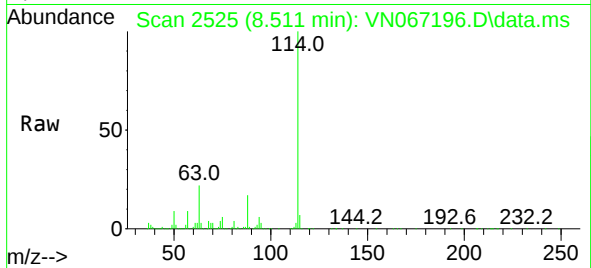




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.511 min Scan# 2525
Delta R.T. -0.014 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

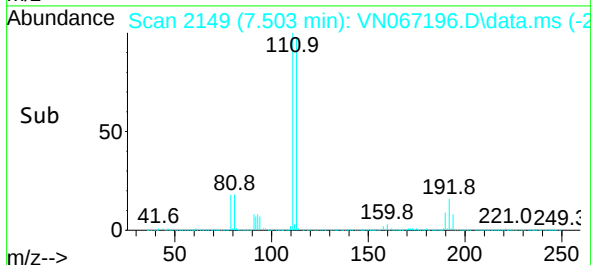
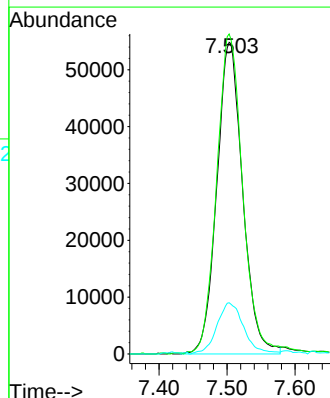
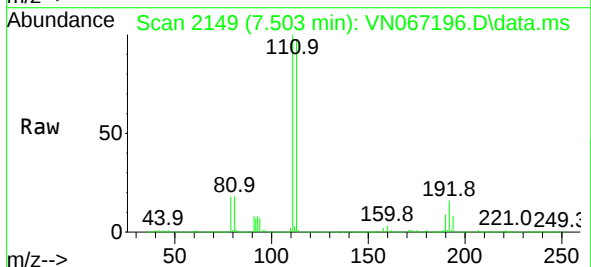
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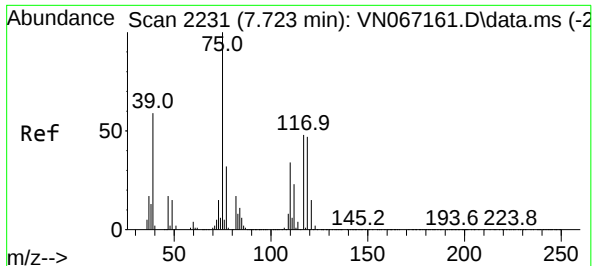
Tgt Ion:114 Resp: 467376
Ion Ratio Lower Upper
114 100
63 21.6 0.0 35.8
88 16.5 0.0 30.4



#35
Dibromofluoromethane
Concen: 50.39 ug/l
RT: 7.503 min Scan# 2149
Delta R.T. -0.016 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

Tgt Ion:113 Resp: 144536
Ion Ratio Lower Upper
113 100
111 104.7 82.6 124.0
192 17.1 18.2 27.4#

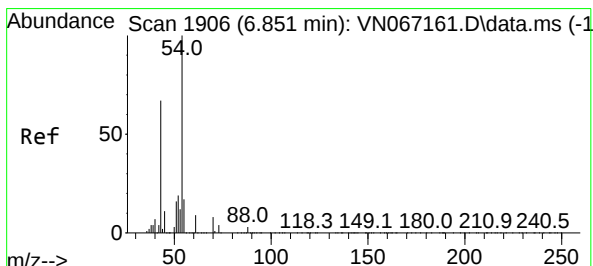
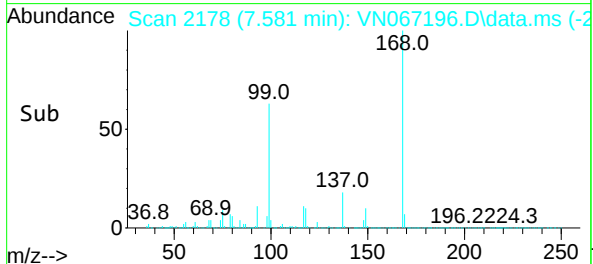
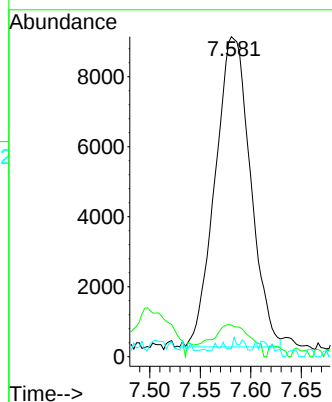
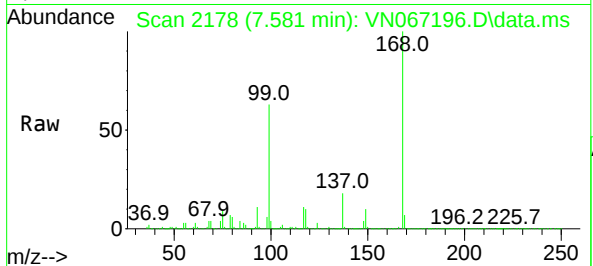




#36
1,1-Dichloropropene
Concen: 4.55 ug/l
RT: 7.581 min Scan# 2178
Delta R.T. -0.142 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

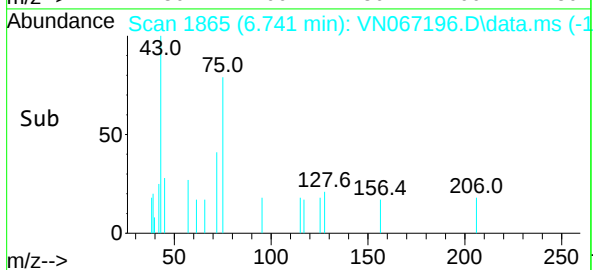
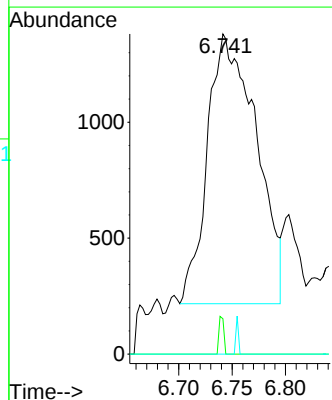
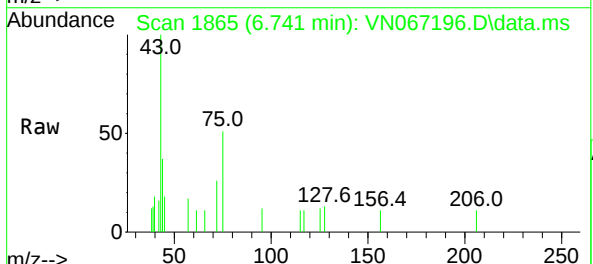
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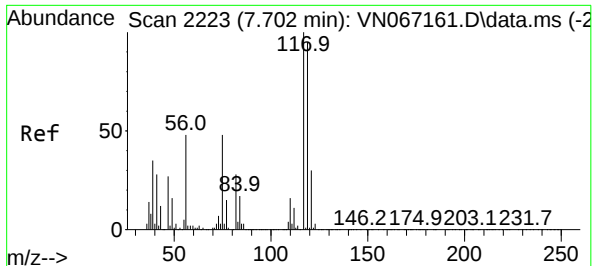
Tgt Ion: 75 Resp: 21525
Ion Ratio Lower Upper
75 100
110 11.0 19.1 57.3#
77 0.6 24.8 37.2#



#37
Ethyl Acetate
Concen: 0.71 ug/l
RT: 6.741 min Scan# 1865
Delta R.T. -0.110 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

Tgt Ion: 43 Resp: 3695
Ion Ratio Lower Upper
43 100
61 1.4 13.0 19.4#
70 0.7 9.2 13.8#

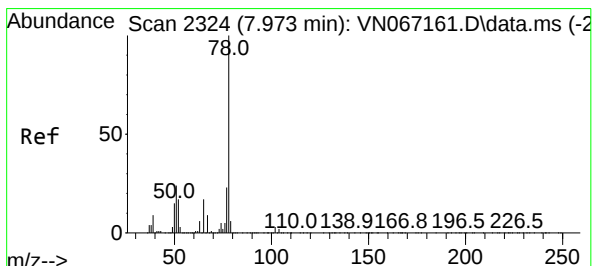
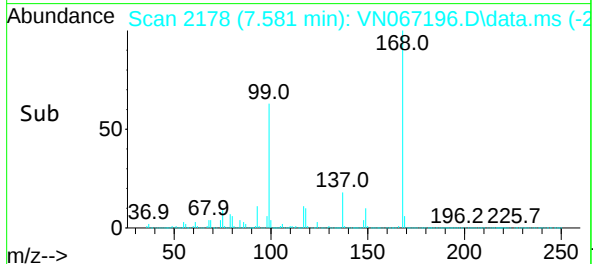
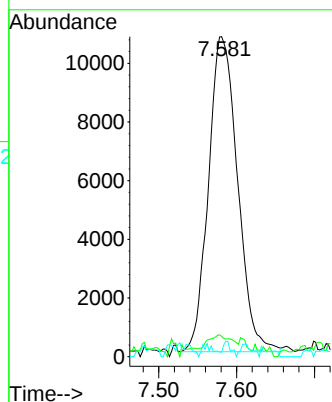
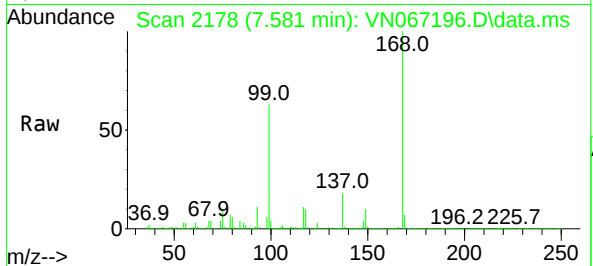




#38
Carbon Tetrachloride
Concen: 6.06 ug/l
RT: 7.581 min Scan# 2178
Delta R.T. -0.121 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

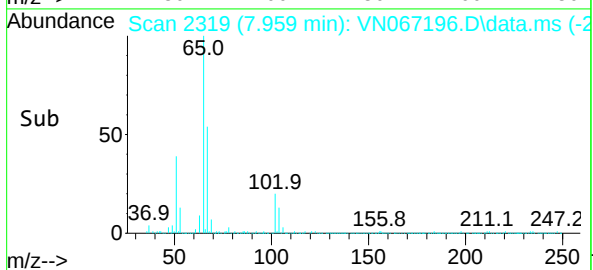
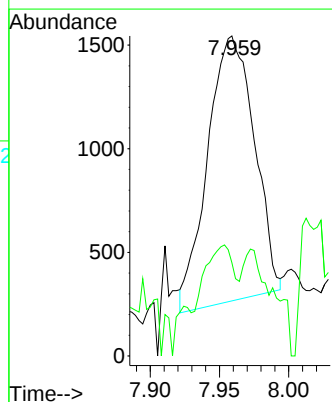
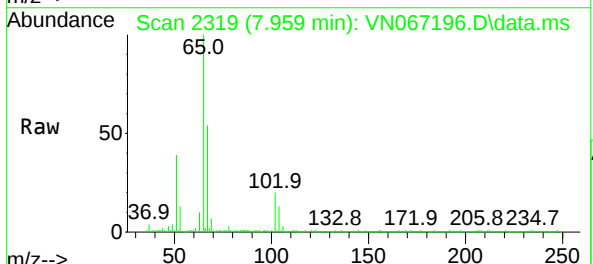
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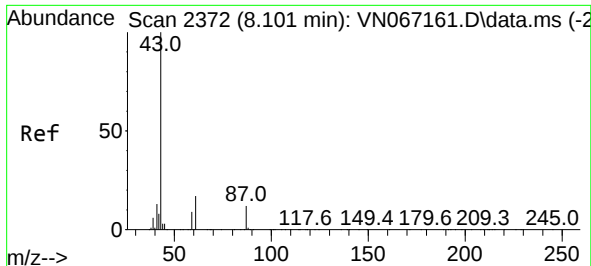
Tgt Ion:117 Resp: 27891
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 1.4 24.7 37.1#



#40
Benzene
Concen: 0.21 ug/l
RT: 7.959 min Scan# 2319
Delta R.T. -0.014 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

Tgt Ion: 78 Resp: 3007
Ion Ratio Lower Upper
78 100
77 19.5 18.4 27.6

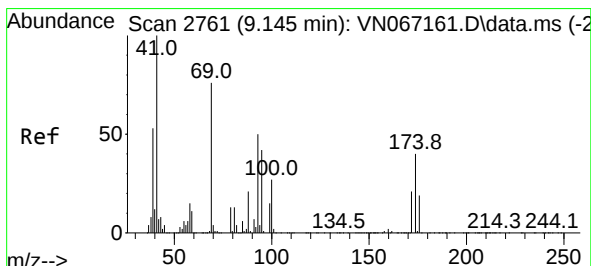
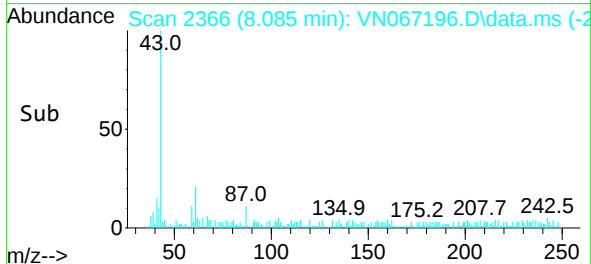
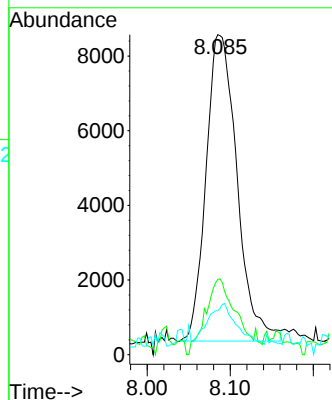
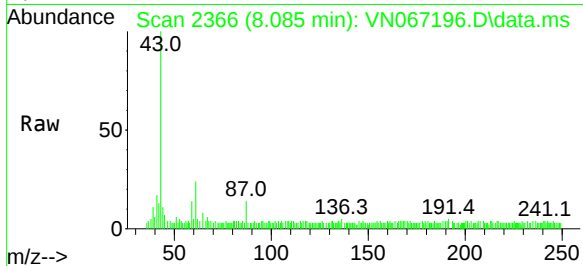




#43
Isopropyl Acetate
Concen: 2.35 ug/l
RT: 8.085 min Scan# 2366
Delta R.T. -0.016 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

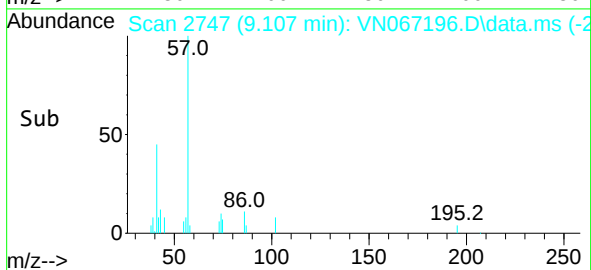
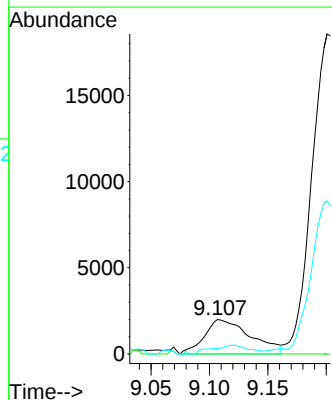
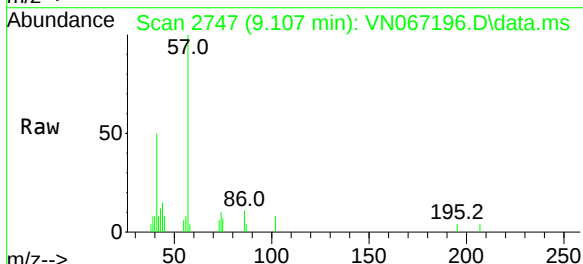
Instrument :
MSVOA_N
ClientSampleId :
JCSY-SP2-VOC

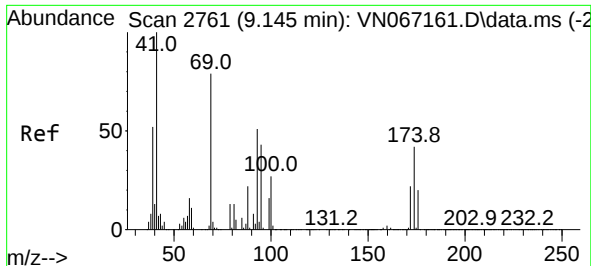
Tgt Ion:	43	Resp:	21259
Ion	Ratio	Lower	Upper
43	100		
61	24.2	23.4	35.0
87	16.7	12.2	18.2



#48
Methyl methacrylate
Concen: 1.36 ug/l
RT: 9.107 min Scan# 2747
Delta R.T. -0.038 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

Tgt Ion:	41	Resp:	5479
Ion	Ratio	Lower	Upper
41	100		
69	0.0	80.5	120.7#
39	20.8	41.4	62.0#

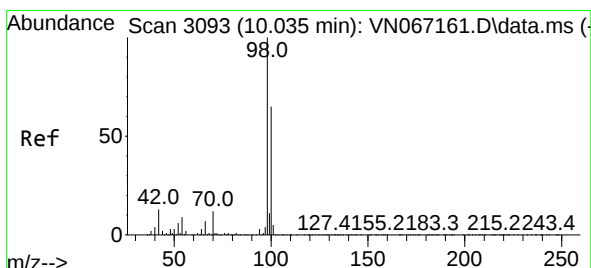
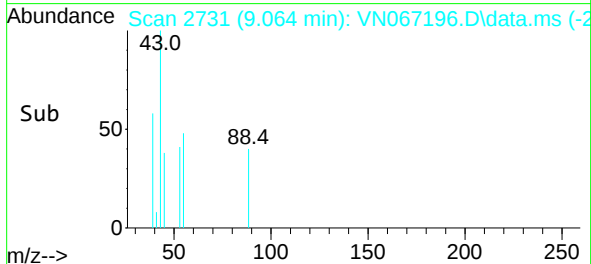
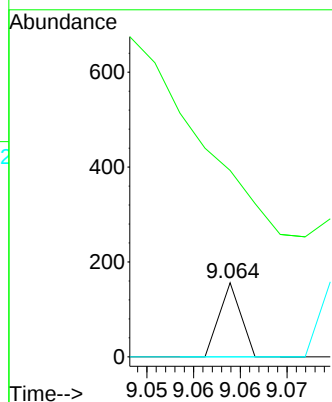
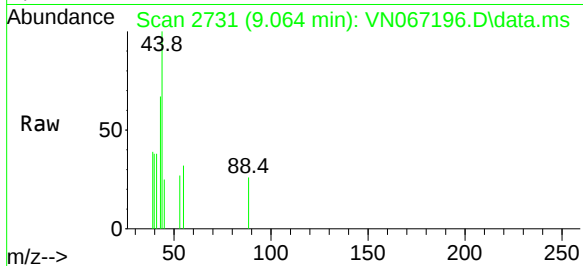




#49
1,4-Dioxane
Concen: 60.98 ug/l
RT: 9.064 min Scan# 2731
Delta R.T. -0.081 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

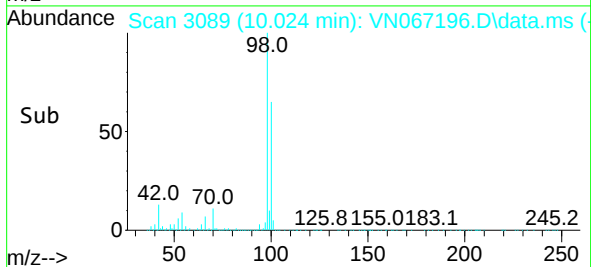
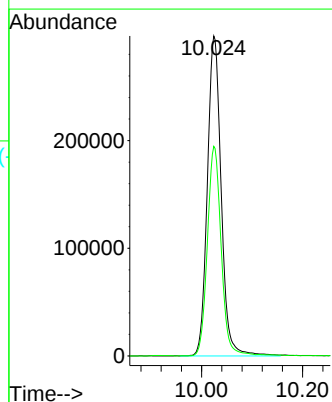
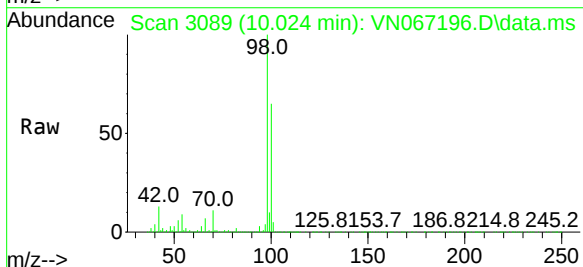
Instrument :
MSVOA_N
ClientSampled :
JCSY-SP2-VOC

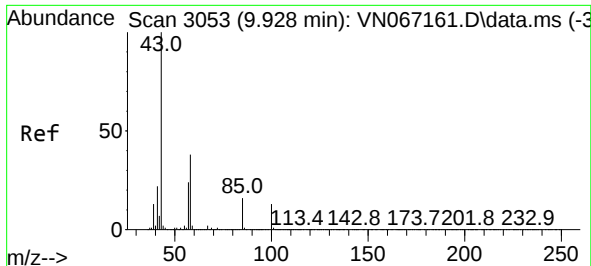
Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 0.0 21.8 32.8#
58 0.0 50.8 76.2#



#50
Toluene-d8
Concen: 51.34 ug/l
RT: 10.024 min Scan# 3089
Delta R.T. -0.011 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

Tgt Ion: 98 Resp: 566674
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.8

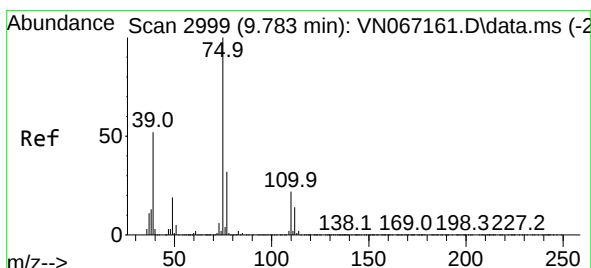
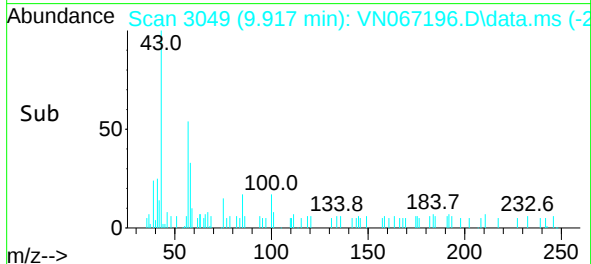
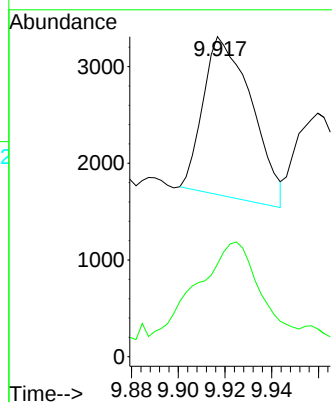
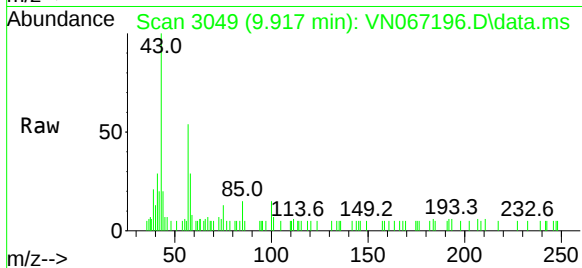




#51
4-Methyl-2-Pentanone
Concen: 0.47 ug/l
RT: 9.917 min Scan# 3049
Delta R.T. -0.011 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

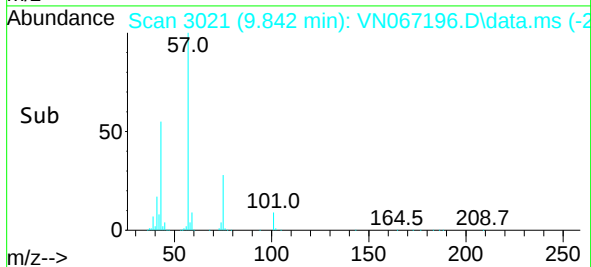
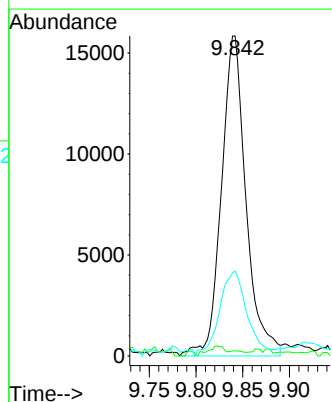
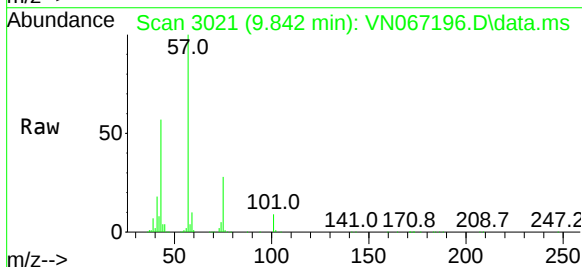
Instrument :
MSVOA_N
ClientSampleId :
JCSY-SP2-VOC

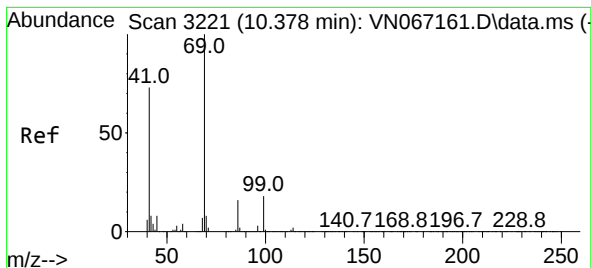
Tgt Ion: 43 Resp: 2365
Ion Ratio Lower Upper
43 100
58 66.2 34.5 51.7#



#54
cis-1,3-Dichloropropene
Concen: 4.84 ug/l
RT: 9.842 min Scan# 3021
Delta R.T. 0.059 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

Tgt Ion: 75 Resp: 29040
Ion Ratio Lower Upper
75 100
77 1.6 25.1 37.7#
39 25.4 30.9 46.3#

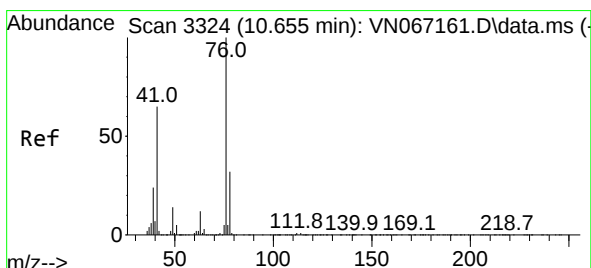
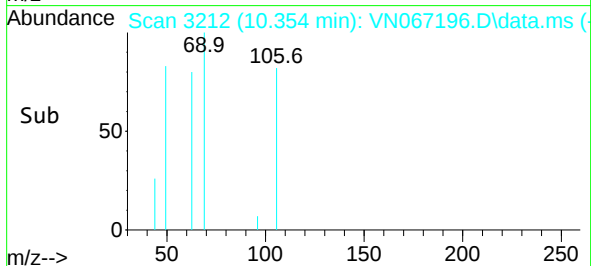
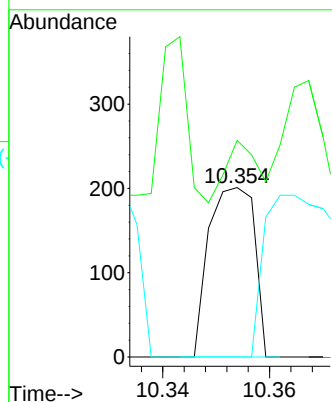
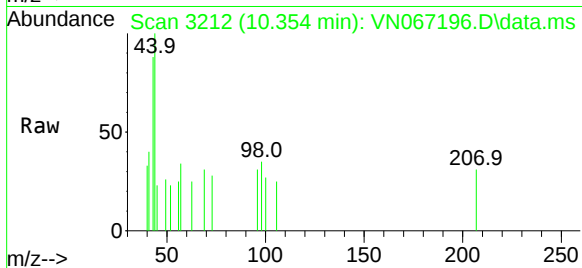




#56
Ethyl methacrylate
Concen: 2.81 ug/l
RT: 10.354 min Scan# 3212
Delta R.T. -0.024 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

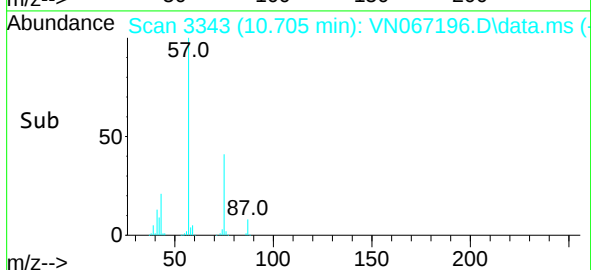
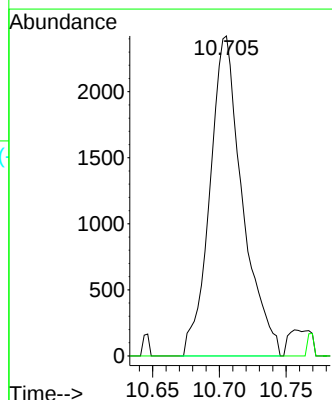
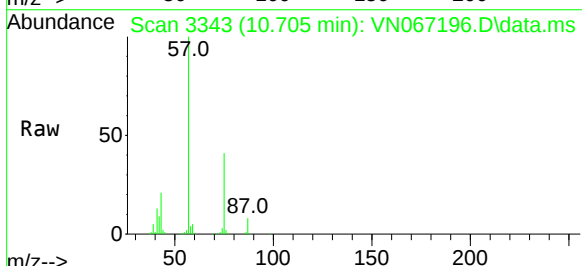
Instrument :
MSVOA_N
ClientSampleId :
JCSY-SP2-VOC

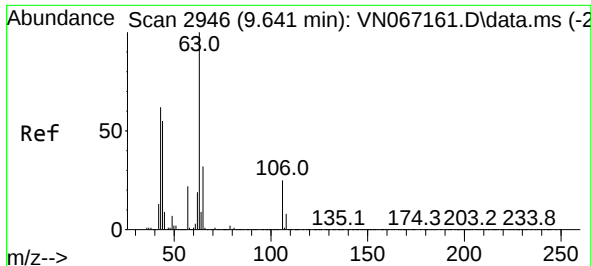
Tgt Ion: 69 Resp: 119
Ion Ratio Lower Upper
69 100
41 0.0 45.5 68.3#
39 143.7 22.9 34.3#



#57
1,3-Dichloropropane
Concen: 0.70 ug/l
RT: 10.705 min Scan# 3343
Delta R.T. 0.050 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

Tgt Ion: 76 Resp: 4112
Ion Ratio Lower Upper
76 100
78 0.0 26.3 39.5#

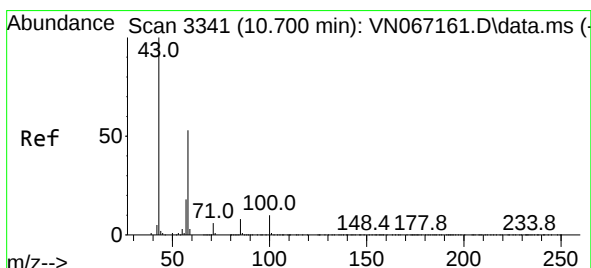
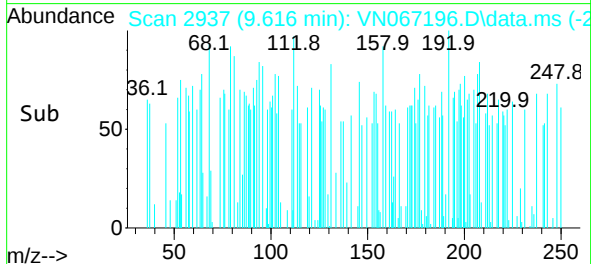
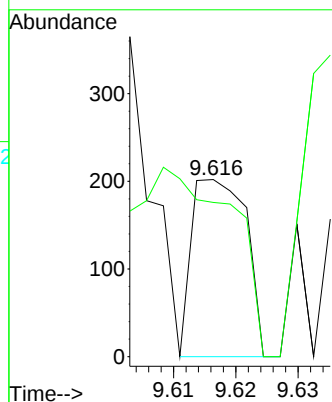
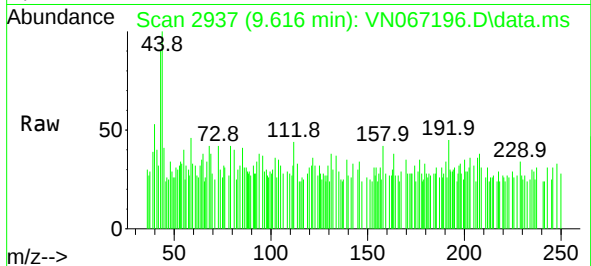




#58
2-Chloroethyl Vinyl ether
Concen: 6.87 ug/l
RT: 9.616 min Scan# 2937
Delta R.T. -0.025 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

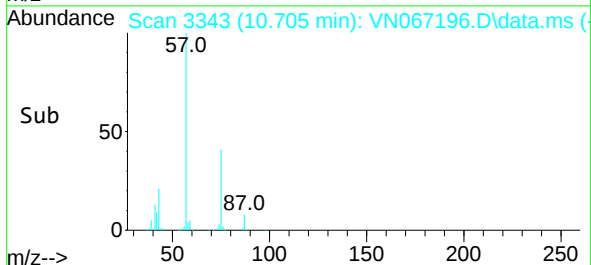
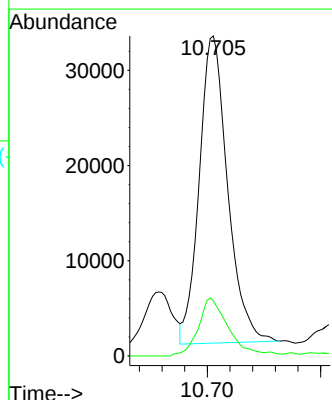
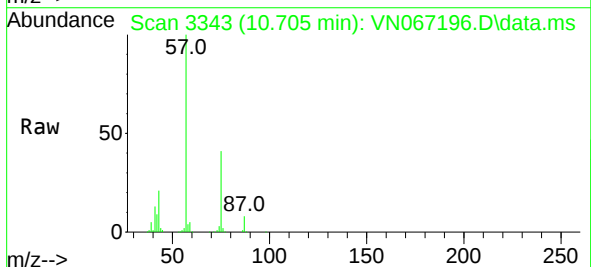
Instrument :
MSVOA_N
ClientSampleId :
JCSY-SP2-VOC

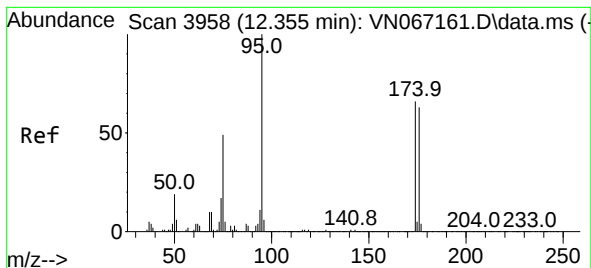
Tgt Ion: 63 Resp: 123
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 32.53 ug/l
RT: 10.705 min Scan# 3343
Delta R.T. 0.005 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

Tgt Ion: 43 Resp: 56104
Ion Ratio Lower Upper
43 100
58 19.7 29.8 89.5#

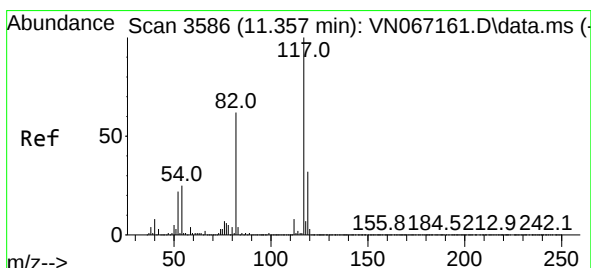
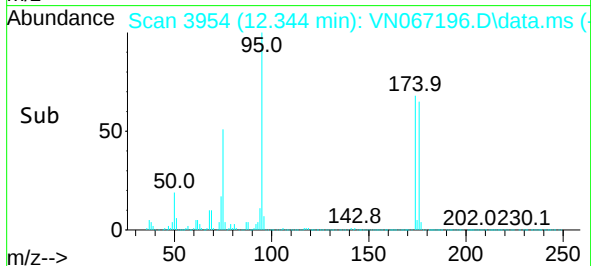
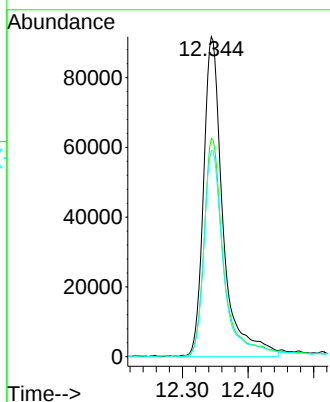
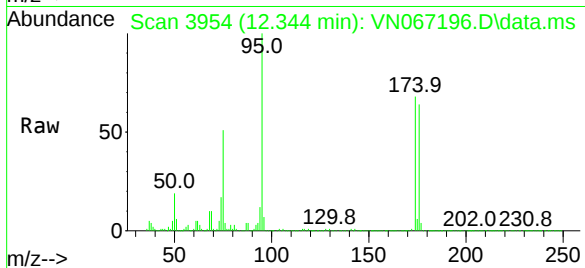




#62
4-Bromofluorobenzene
Concen: 50.07 ug/l
RT: 12.344 min Scan# 3954
Delta R.T. -0.011 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

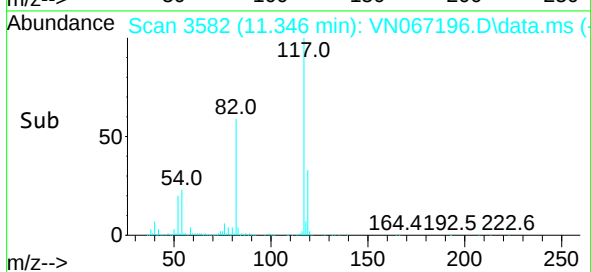
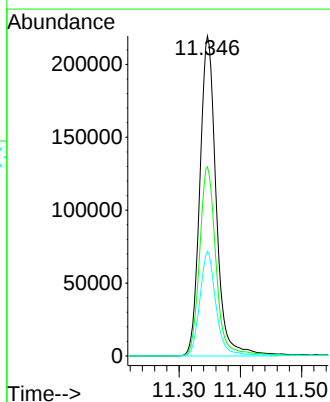
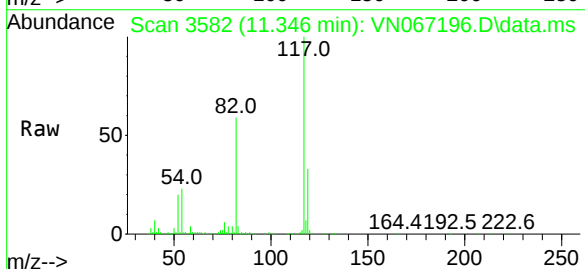
Instrument :
MSVOA_N
ClientSampleId :
JCSY-SP2-VOC

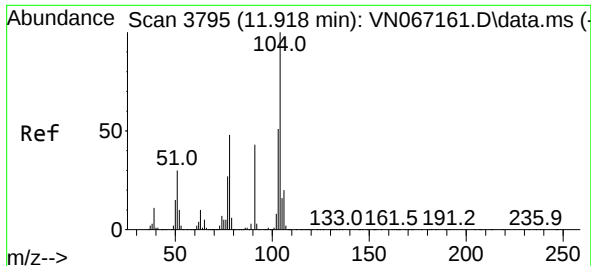
Tgt Ion: 95 Resp: 188943
Ion Ratio Lower Upper
95 100
174 70.2 0.0 182.8
176 66.5 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.346 min Scan# 3582
Delta R.T. -0.011 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

Tgt Ion: 117 Resp: 406361
Ion Ratio Lower Upper
117 100
82 59.1 42.2 63.2
119 32.6 25.8 38.6

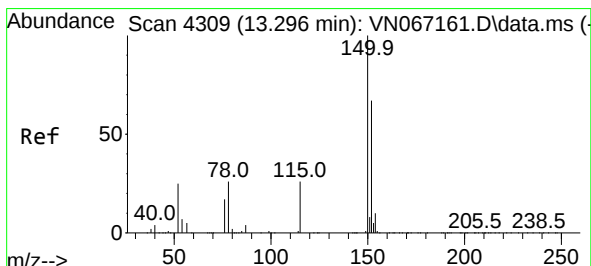
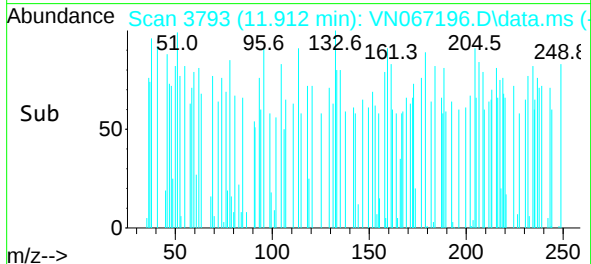
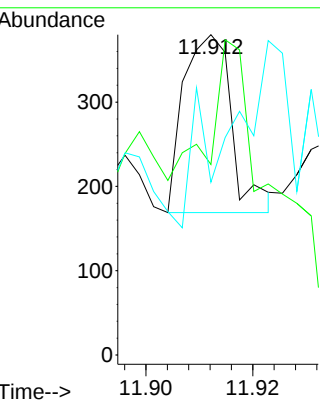
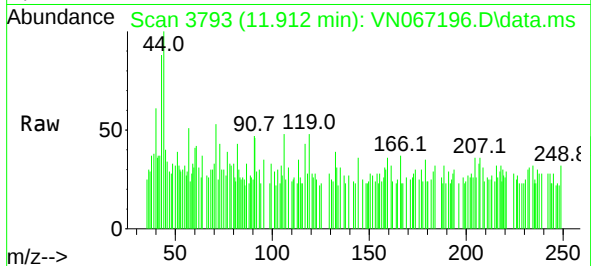




#70
Styrene
Concen: 2.51 ug/l
RT: 11.912 min Scan# 3793
Delta R.T. -0.006 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

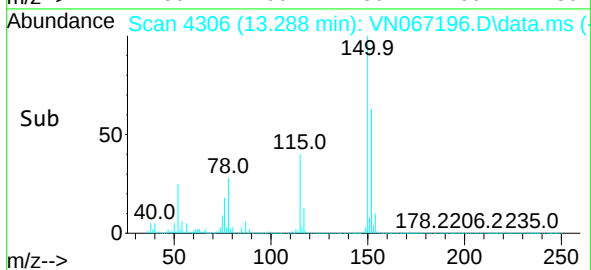
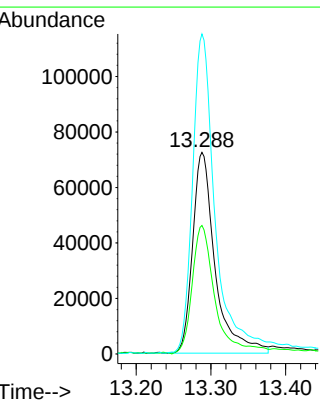
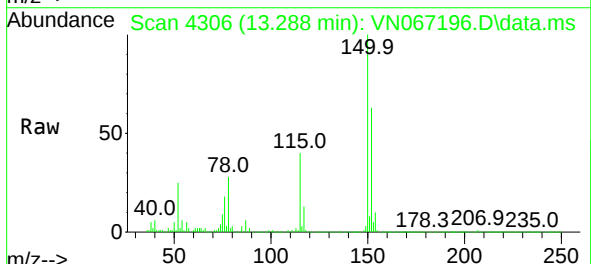
Instrument :
MSVOA_N
ClientSampleId :
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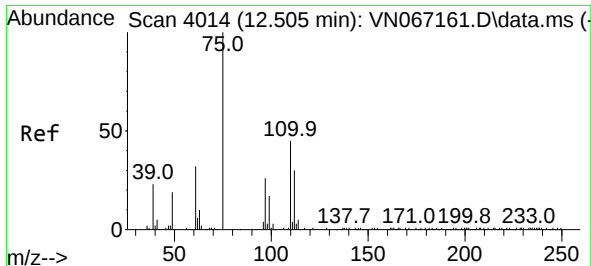
Tgt Ion:104 Resp: 132
Ion Ratio Lower Upper
104 100
78 261.4 37.7 56.5#
103 26.5 44.2 66.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.288 min Scan# 4306
Delta R.T. -0.008 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

Tgt Ion:152 Resp: 151912
Ion Ratio Lower Upper
152 100
115 65.5 27.0 80.8
150 162.0 0.0 350.2

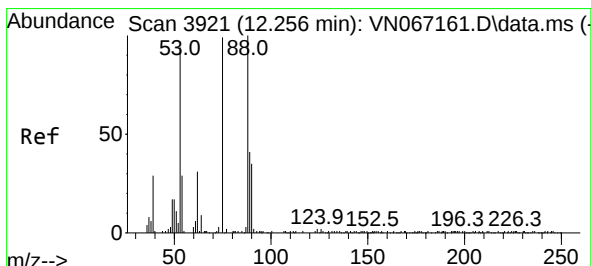
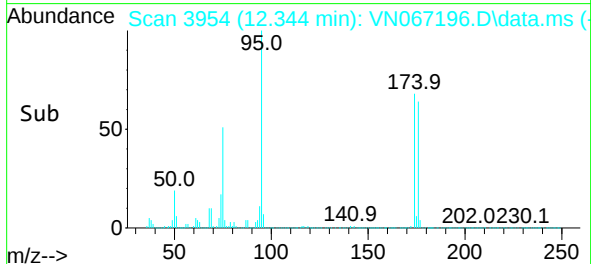
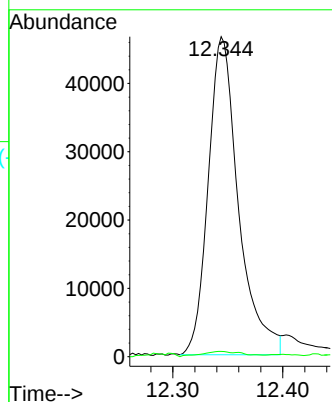
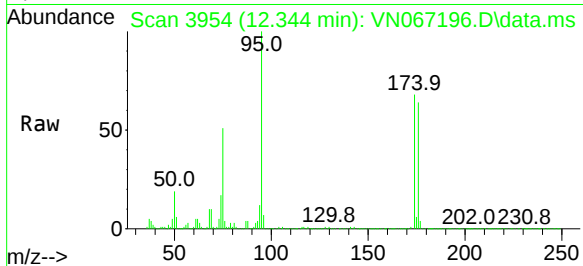




#76
1,2,3-Trichloropropane
Concen: 21.07 ug/l
RT: 12.344 min Scan# 3954
Delta R.T. -0.161 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

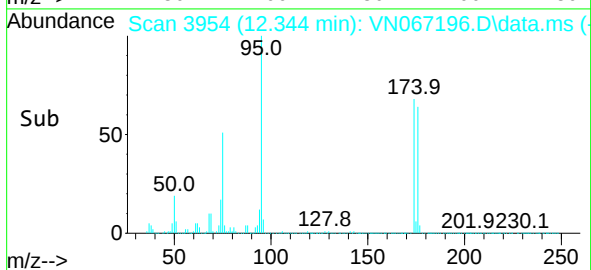
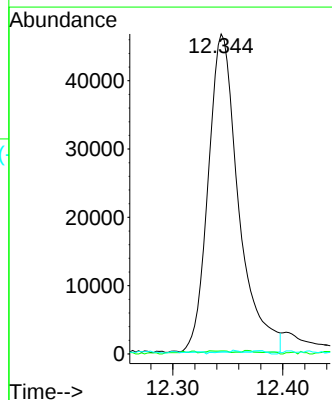
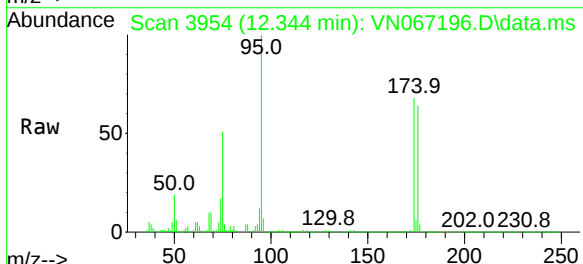
Instrument :
MSVOA_N
ClientSampleId :
JCSY-SP2-VOC

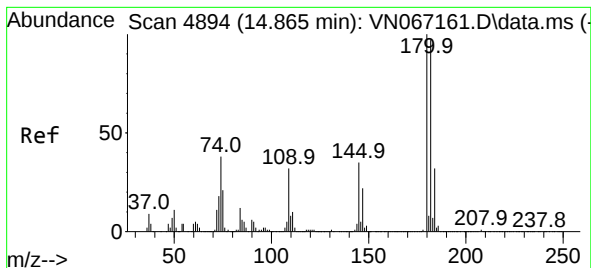
Tgt Ion: 75 Resp: 89112
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.47 ug/l
RT: 12.344 min Scan# 3954
Delta R.T. 0.088 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

Tgt Ion: 75 Resp: 89112
Ion Ratio Lower Upper
75 100
53 0.2 66.3 99.5#
89 0.0 39.5 59.3#

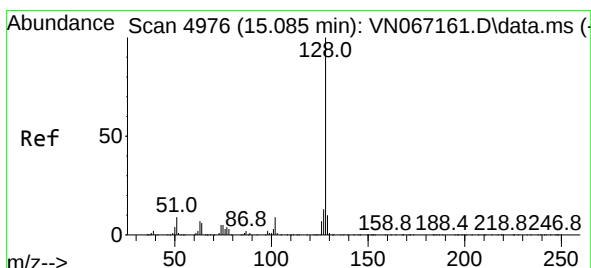
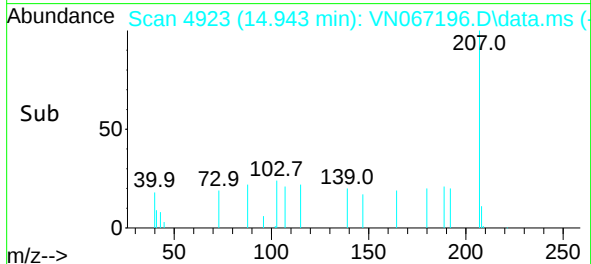
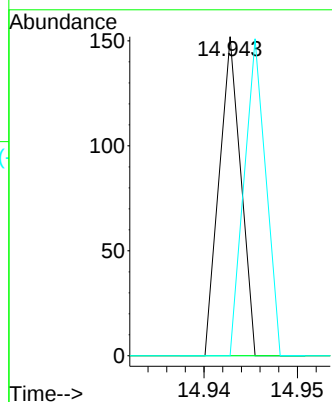
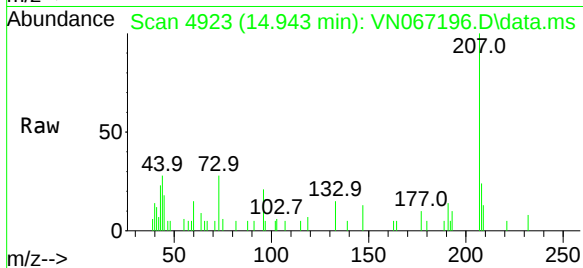




#93
1,2,4-Trichlorobenzene
Concen: 3.27 ug/l
RT: 14.943 min Scan# 4923
Delta R.T. 0.078 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

Instrument :
MSVOA_N
ClientSampleId :
JCSY-SP2-VOC

Tgt Ion:180 Resp: 24
Ion Ratio Lower Upper
180 100
182 0.0 47.3 141.8#
145 100.0 14.0 42.0#



#95
Naphthalene
Concen: 3.88 ug/l
RT: 15.090 min Scan# 4978
Delta R.T. 0.005 min
Lab File: VN067196.D
Acq: 28 May 2021 23:06

Tgt Ion:128 Resp: 137
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

