Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123120\
Data File : VN065357.D
Acq On : 31 Dec 2020 20:03
Operator : JC/MD
Sample : L5241-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : JG-BUS-WASH

Quant Time: Jan 01 01:54:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 22 15:42:18 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.630	168	257276	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.553	114	428363	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.379	117	458116	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	201532	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.994	65	148013	50.96	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.92%				
35) Dibromofluoromethane	7.553	113	132045	51.09	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.18%				
50) Toluene-d8	10.061	98	533567	55.09	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.18%				
62) 4-Bromofluorobenzene	12.376	95	210076	54.35	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.70%				
Target Compounds							Qvalue
8) Diethyl Ether	3.389	74	469	0.28	ug/l	#	1
11) Tert butyl alcohol	4.788	59	612	1.29	ug/l	#	73
13) Acrolein	3.573	56	189	2.99	ug/l	#	14
14) Allyl chloride	4.061	41	3382	0.81	ug/l	#	69
16) Acetone	3.795	43	69378	48.24	ug/l		92
18) Methyl Acetate	4.303	43	4739	1.82	ug/l	#	76
20) Methylene Chloride	4.515	84	14124	4.98	ug/l		92
23) Vinyl Acetate	6.020	43	2754	0.39	ug/l	#	71
25) 2-Butanone	6.811	43	17284	10.60	ug/l		98
28) Bromochloromethane	7.335	49	62	0.68	ug/l	#	10
29) Tetrahydrofuran	7.174	42	492	0.47	ug/l	#	42
30) Chloroform	7.335	83	2920	0.62	ug/l		95
31) Cyclohexane	7.634	56	4192	0.98	ug/l	#	1
36) 1,1-Dichloropropene	7.630	75	16738	4.30	ug/l	#	49
37) Ethyl Acetate	6.811	43	17284	4.48	ug/l	#	66
38) Carbon Tetrachloride	7.630	117	21144	5.17	ug/l	#	16
40) Benzene	8.000	78	2362	0.20	ug/l		95
41) Methacrylonitrile	7.180	41	1205	0.60	ug/l	#	19
43) Isopropyl Acetate	8.248	43	14888	2.24	ug/l	#	59
48) Methyl methacrylate	9.148	41	6408	1.98	ug/l	#	24
51) 4-Methyl-2-Pentanone	9.955	43	91499	24.46	ug/l		97
52) Toluene	10.125	92	60222	8.25	ug/l		98
54) cis-1,3-Dichloropropene	9.878	75	6081	1.18	ug/l	#	63
56) Ethyl methacrylate	10.331	69	4808	1.07	ug/l	#	53
59) 2-Hexanone	10.691	43	12045	4.38	ug/l	#	23
68) m/p-Xylenes	11.588	106	2354	0.37	ug/l		97
69) o-Xylene	11.923	106	1440	0.23	ug/l		75
71) Bromoform	12.376	173	1410	0.45	ug/l	#	1
74) N-amyl acetate	12.006	43	3165	0.52	ug/l	#	48
76) 1,2,3-Trichloropropane	12.376	75	102525	24.94	ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.376	75	102525	62.88	ug/l	#	15
95) Naphthalene	15.106	128	1104	3.47	ug/l	#	69

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

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Instrument :
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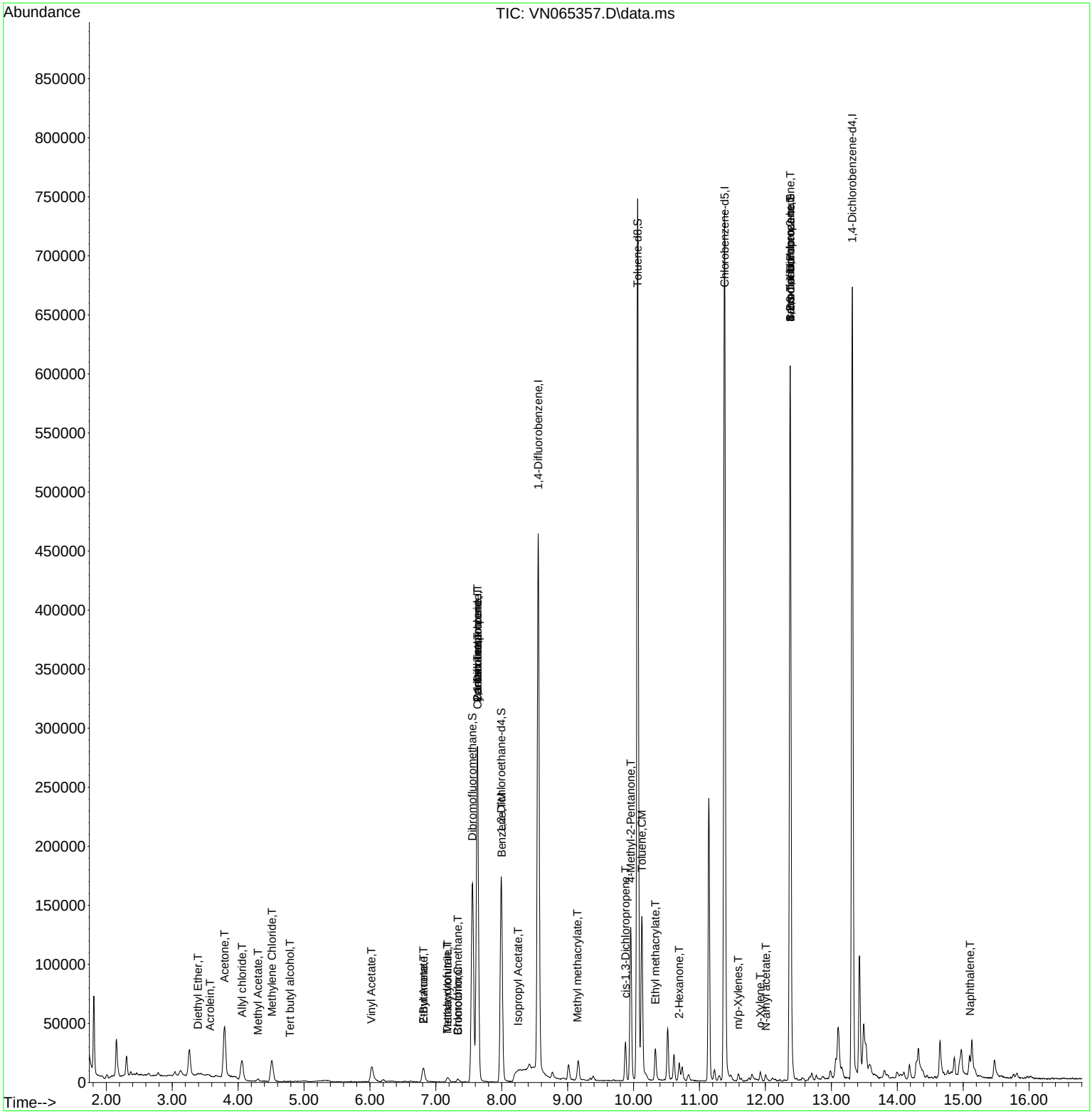
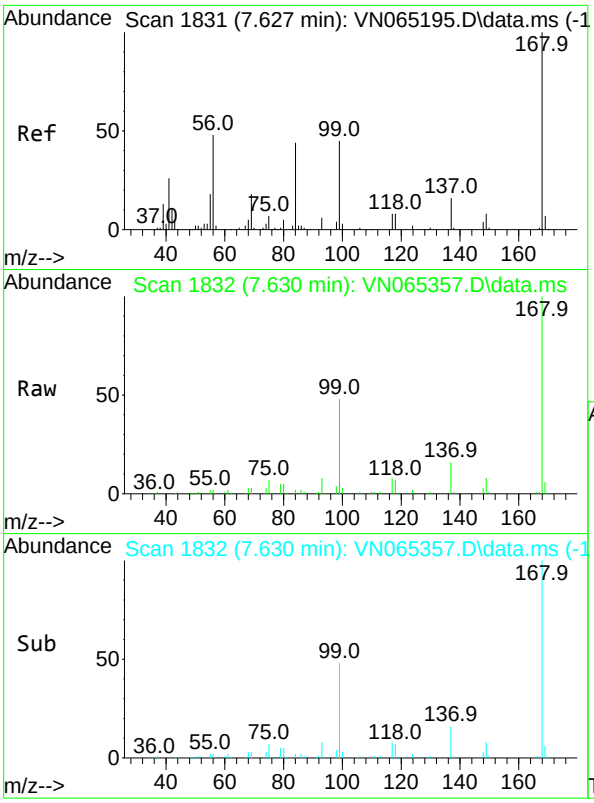
ClientSampleId :
JG-BUS-WASH

Quant Time: Jan 01 01:54:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 22 15:42:18 2020
Response via : Initial Calibration

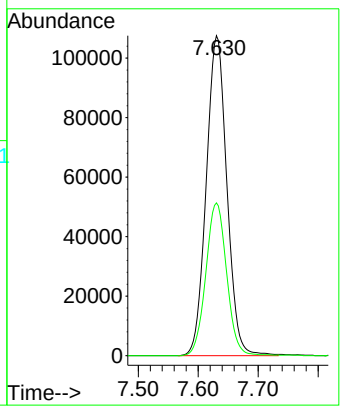




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion:168 Resp: 257276

Ion	Ratio	Lower	Upper
168	100		
99	47.7	43.0	64.4



Instrument :
MSVOA_N
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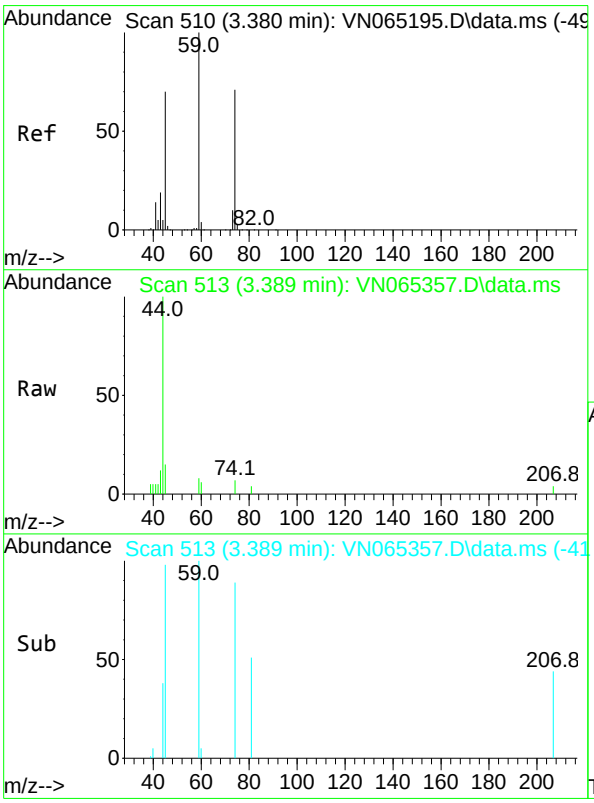
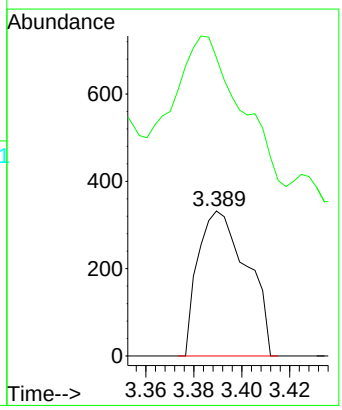
JG-BUS-WASH

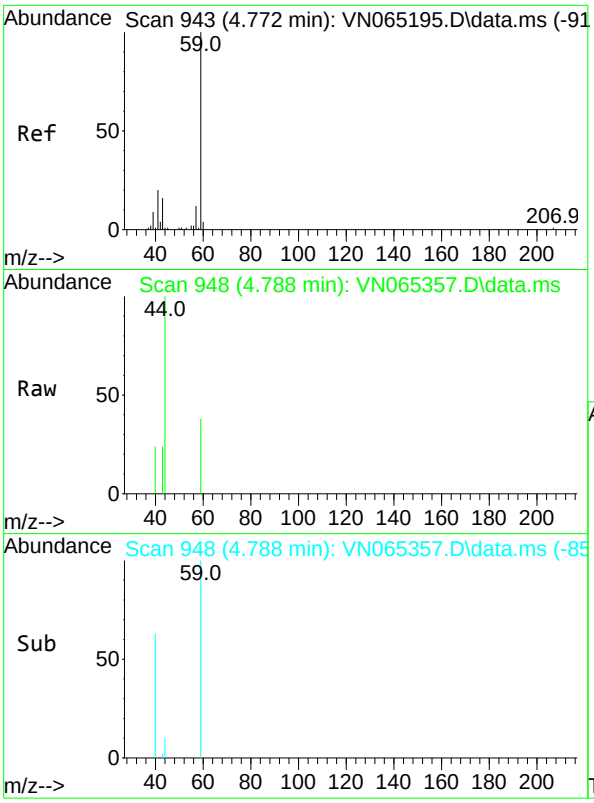


#8
Diethyl Ether
Concen: 0.28 ug/l
RT: 3.389 min Scan# 513
Delta R.T. 0.009 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 74 Resp: 469

Ion	Ratio	Lower	Upper
74	100		
45	0.0	48.9	146.8#

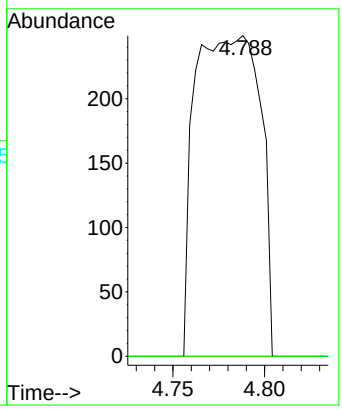




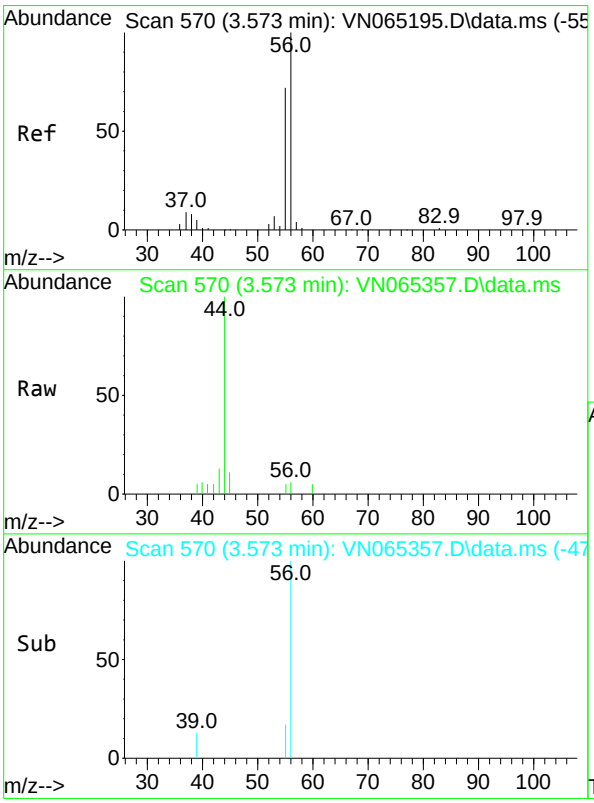
#11
Tert butyl alcohol
Concen: 1.29 ug/l
RT: 4.788 min Scan# 948
Delta R.T. 0.016 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 59 Resp: 612

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#



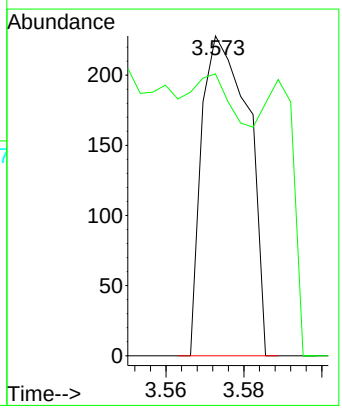
Instrument :
MSVOA_N
ClientSampleId :
JG-BUS-WASH

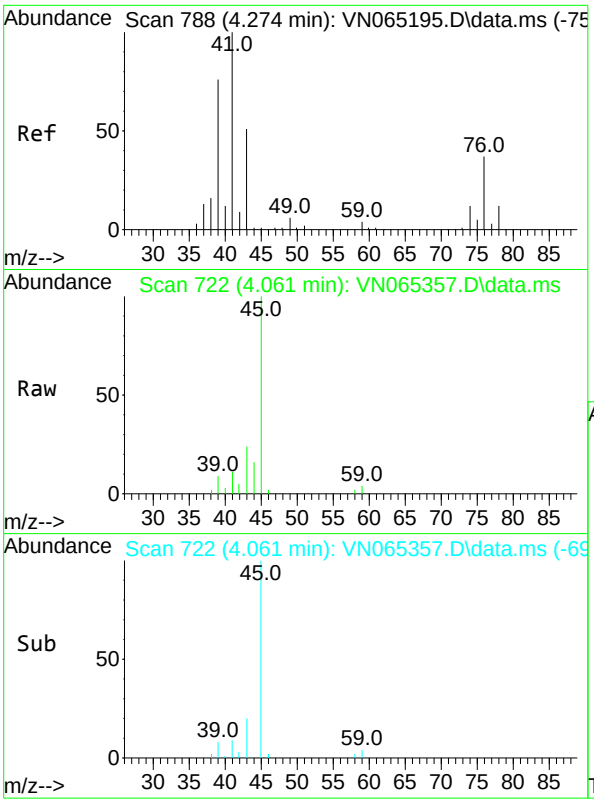


#13
Acrolein
Concen: 2.99 ug/l
RT: 3.573 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 56 Resp: 189

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.5	84.7#

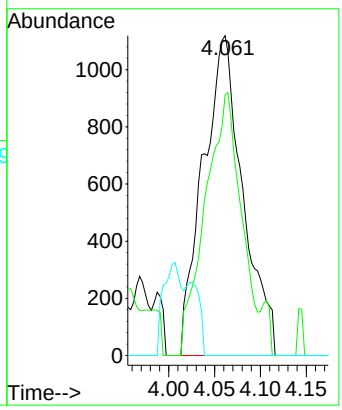




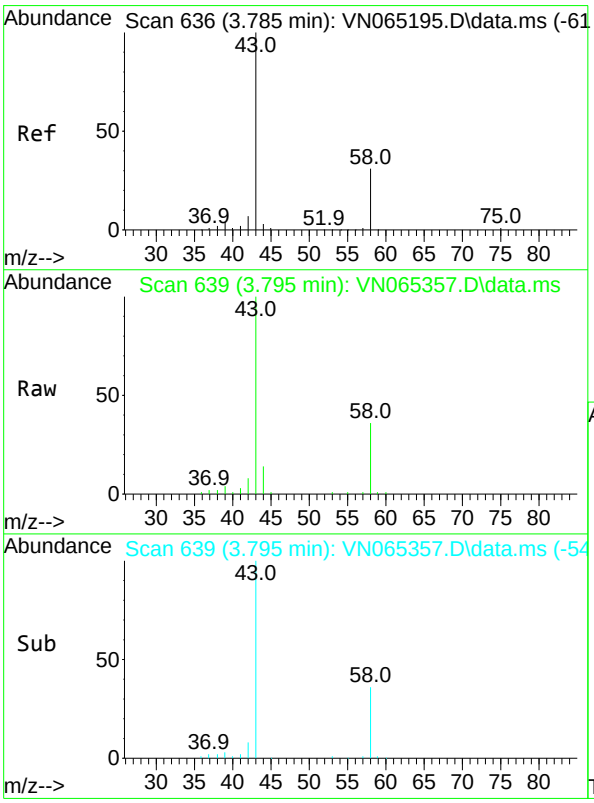
#14
Allyl chloride
Concen: 0.81 ug/l
RT: 4.061 min Scan# 722
Delta R.T. -0.213 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 41 Resp: 3382

Ion	Ratio	Lower	Upper
41	100		
39	73.8	50.9	76.3
76	0.0	29.0	43.4#



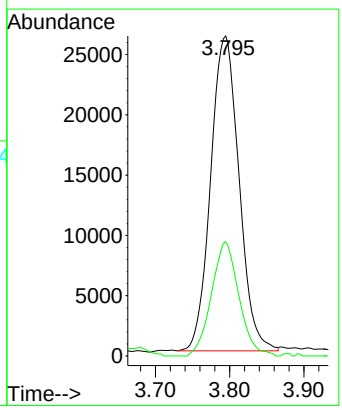
Instrument :
MSVOA_N
ClientSampleId :
JG-BUS-WASH



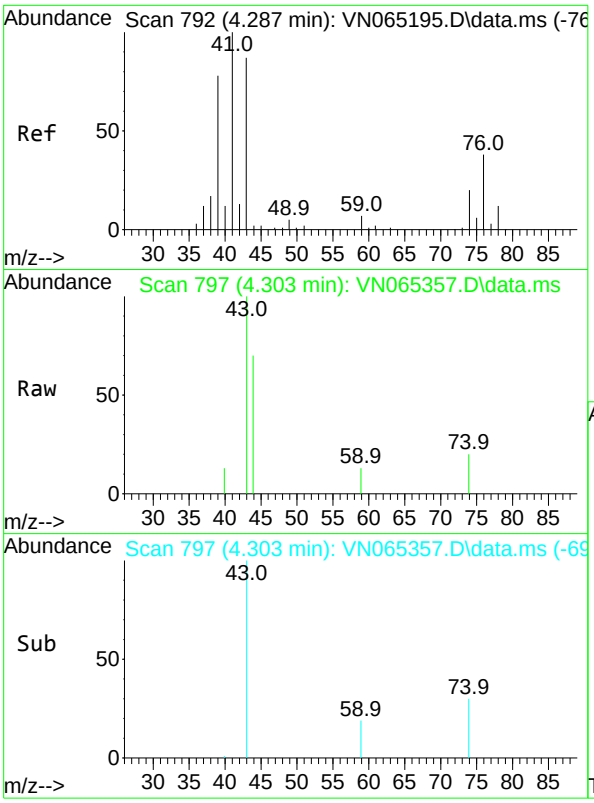
#16
Acetone
Concen: 48.24 ug/l
RT: 3.795 min Scan# 639
Delta R.T. 0.010 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 43 Resp: 69378

Ion	Ratio	Lower	Upper
43	100		
58	36.3	25.7	38.5



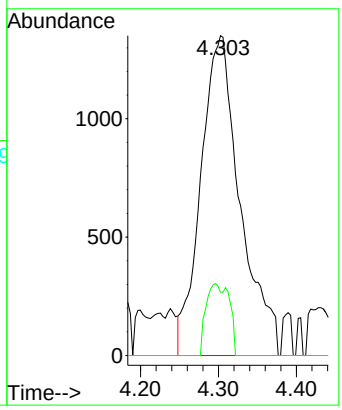
Instrument :
MSVOA_N
ClientSampleId :
JG-BUS-WASH

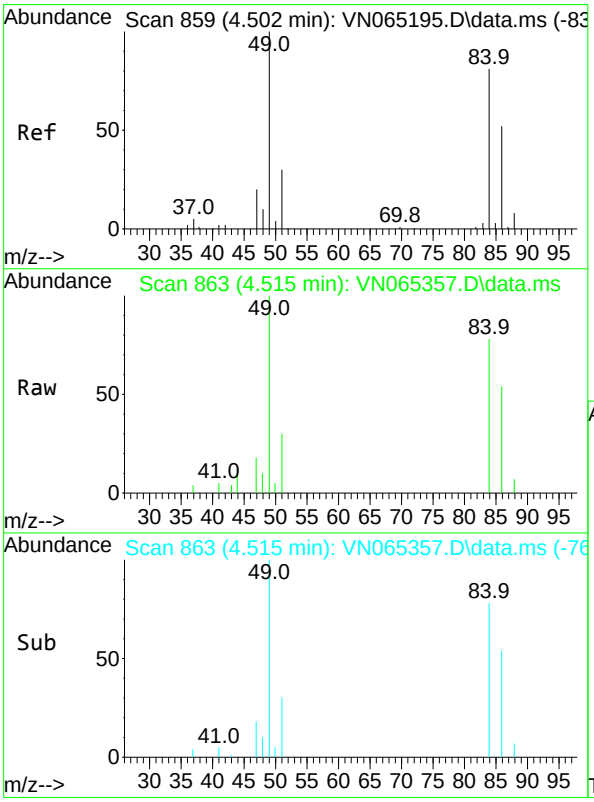


#18
Methyl Acetate
Concen: 1.82 ug/l
RT: 4.303 min Scan# 797
Delta R.T. 0.016 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 43 Resp: 4739

Ion	Ratio	Lower	Upper
43	100		
74	13.2	20.2	30.2#

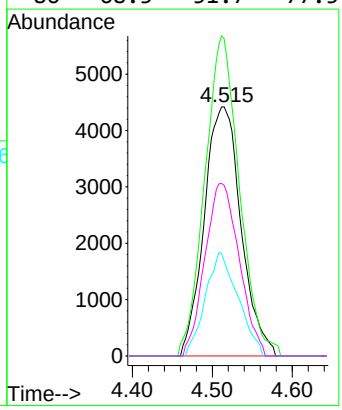


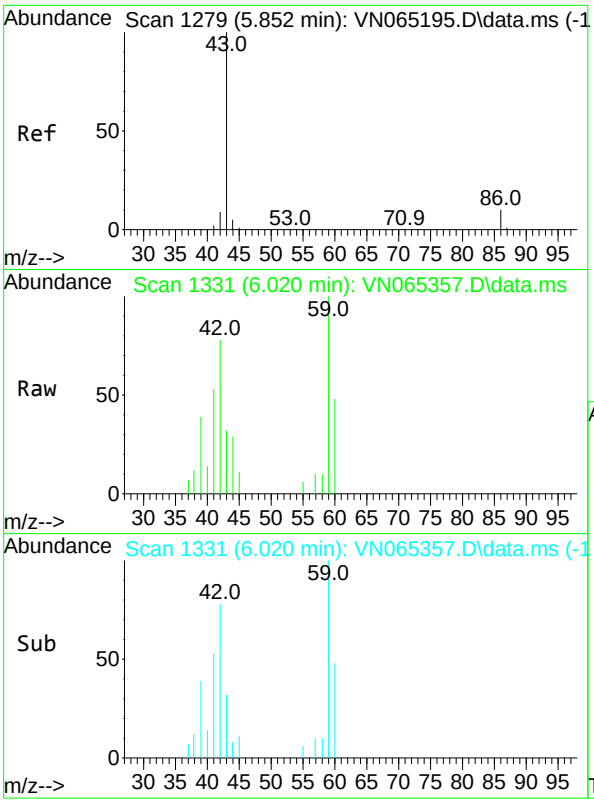


#20
Methylene Chloride
Concen: 4.98 ug/l
RT: 4.515 min Scan# 863
Delta R.T. 0.013 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 84 Resp: 14124

Ion	Ratio	Lower	Upper
84	100		
49	127.4	93.4	140.0
51	38.2	28.2	42.4
86	68.5	51.7	77.5

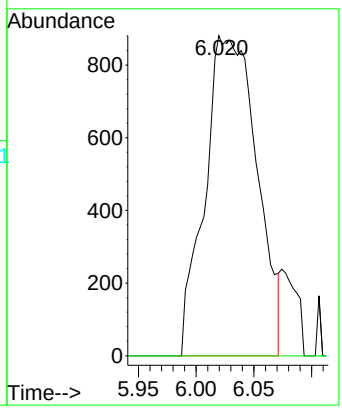




#23
Vinyl Acetate
Concen: 0.39 ug/l
RT: 6.020 min Scan# 1331
Delta R.T. 0.168 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 43 Resp: 2754

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.9	13.3#



Instrument :
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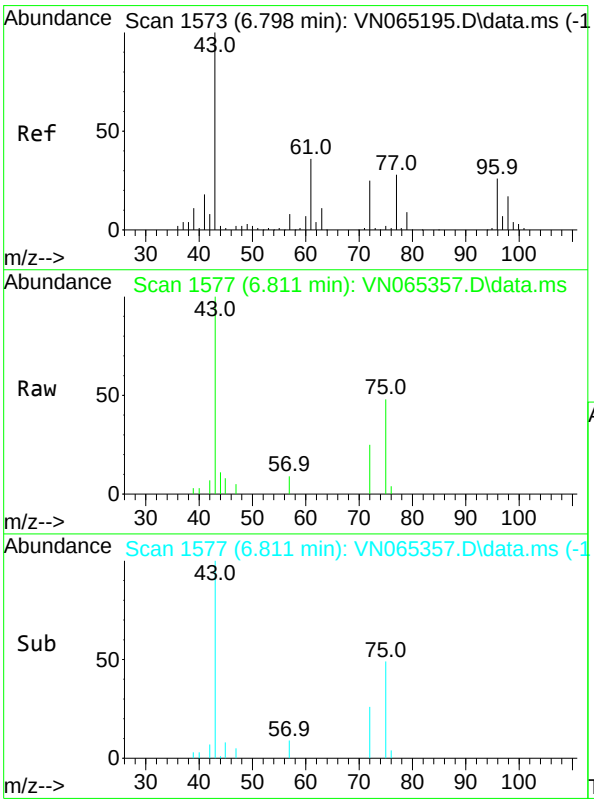
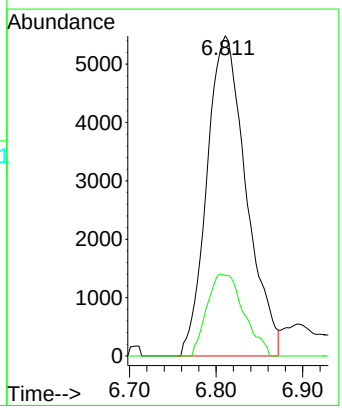


#25
2-Butanone
Concen: 10.60 ug/l
RT: 6.811 min Scan# 1577
Delta R.T. 0.013 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 43 Resp: 17284

Ion	Ratio	Lower	Upper
43	100		
72	25.2	21.0	31.6



Instrument :
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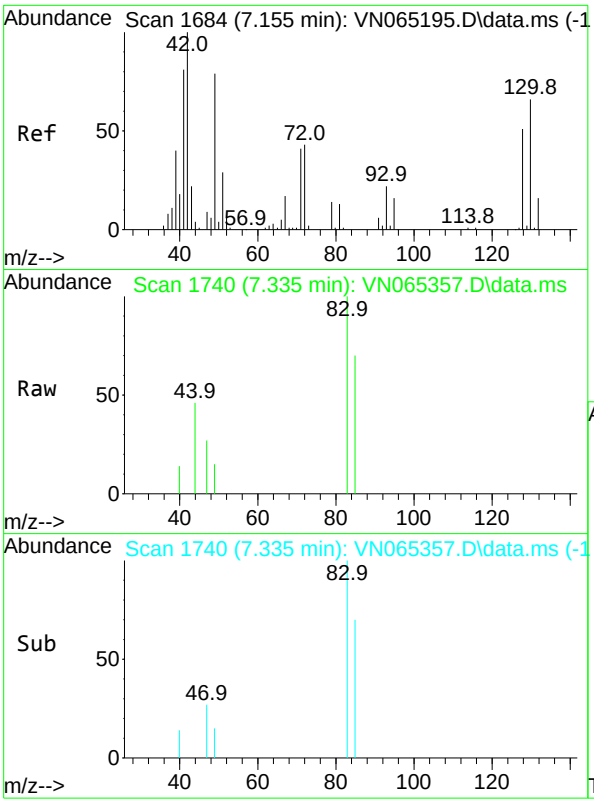
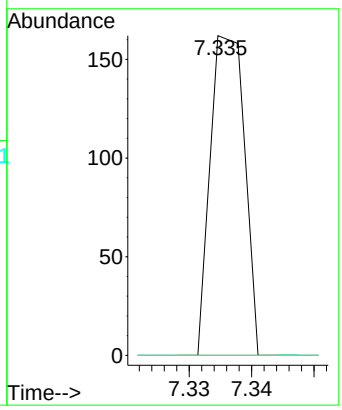
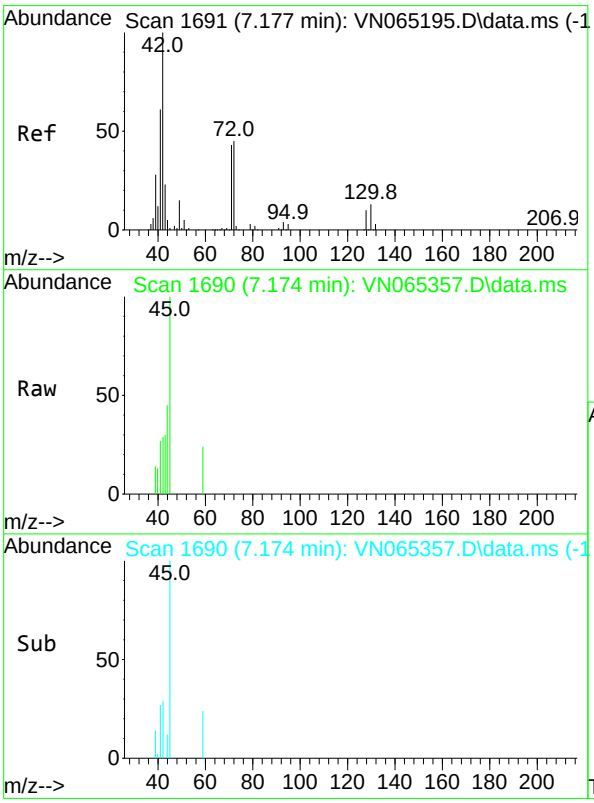


#28
Bromochloromethane
Concen: 0.68 ug/l
RT: 7.335 min Scan# 1740
Delta R.T. 0.180 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 49 Resp: 62

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	66.2	99.2#

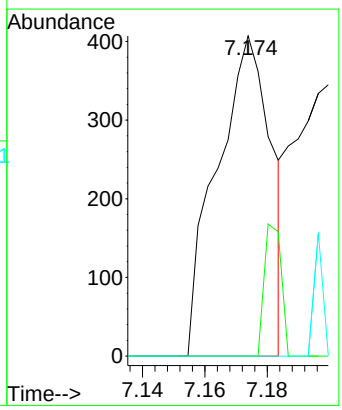


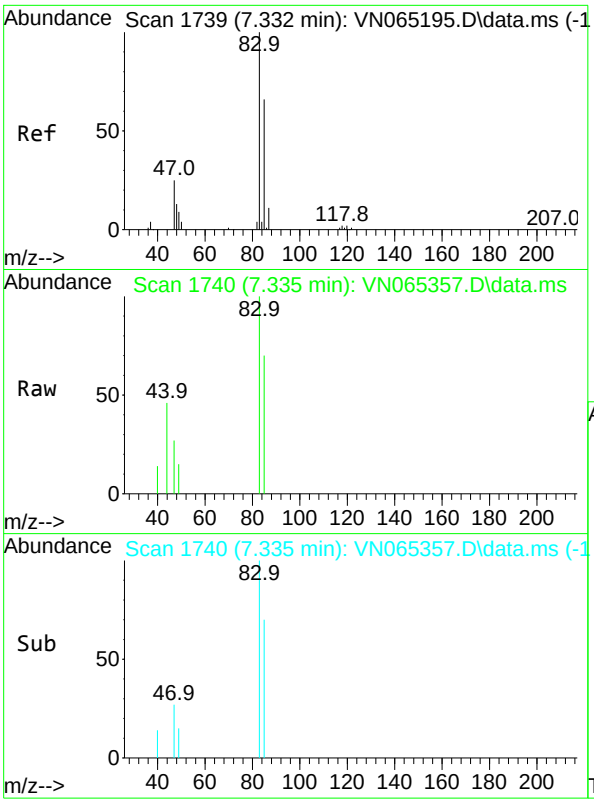


#29
Tetrahydrofuran
Concen: 0.47 ug/l
RT: 7.174 min Scan# 1690
Delta R.T. -0.003 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 42 Resp: 492

Ion	Ratio	Lower	Upper
42	100		
72	12.8	36.6	54.8#
71	0.0	33.6	50.4#

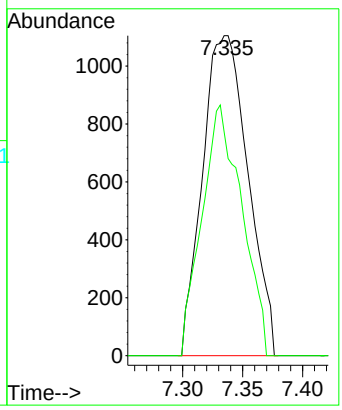




#30
Chloroform
Concen: 0.62 ug/l
RT: 7.335 min Scan# 1740
Delta R.T. 0.003 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 83 Resp: 2920

Ion	Ratio	Lower	Upper
83	100		
85	70.0	52.6	78.8



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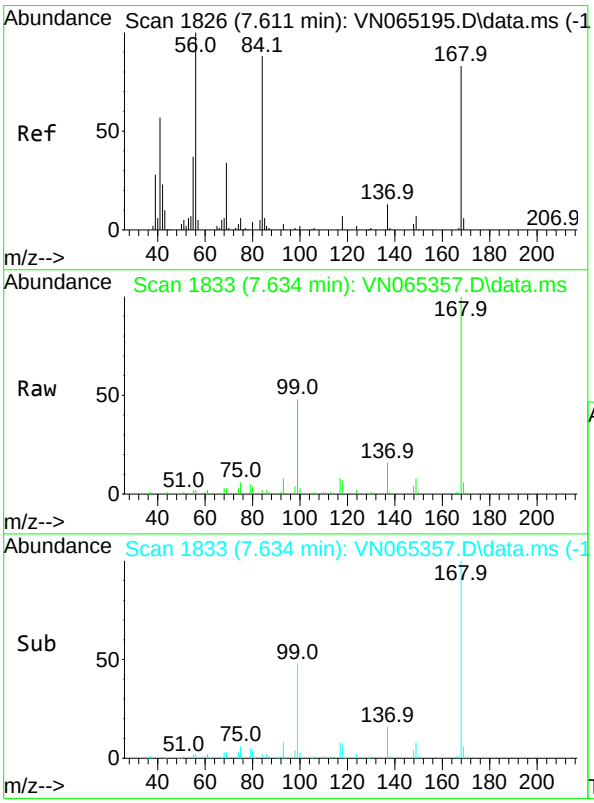
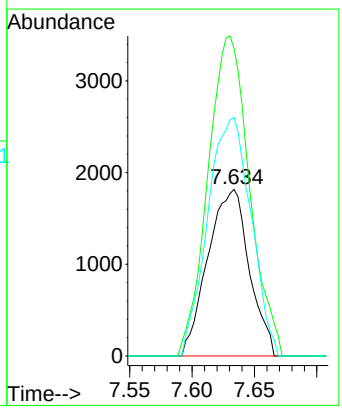
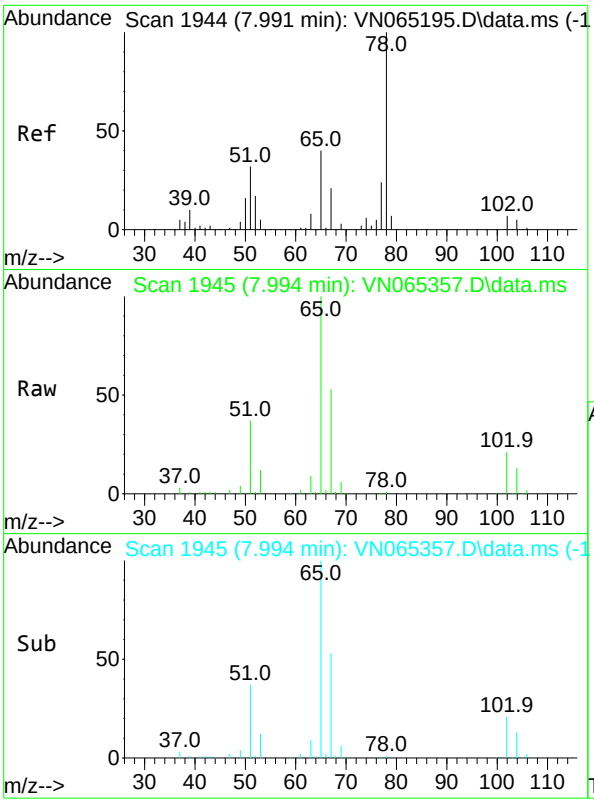


#31
Cyclohexane
Concen: 0.98 ug/l
RT: 7.634 min Scan# 1833
Delta R.T. 0.023 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 56 Resp: 4192

Ion	Ratio	Lower	Upper
56	100		
69	184.6	27.5	41.3#
84	143.1	73.9	110.9#

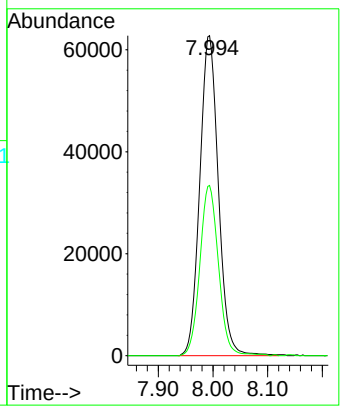




#33
1,2-Dichloroethane-d4
Concen: 50.96 ug/l
RT: 7.994 min Scan# 1945
Delta R.T. 0.003 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 65 Resp: 148013

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	108.2



Instrument :
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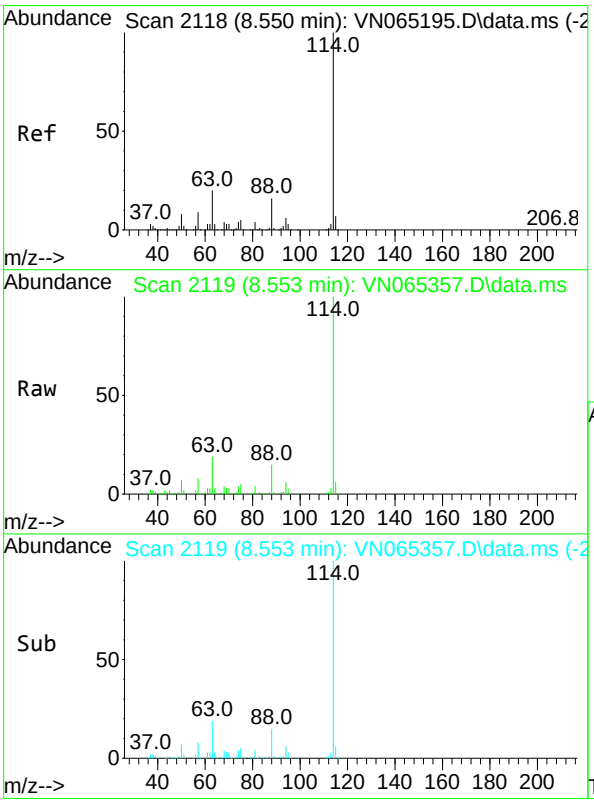
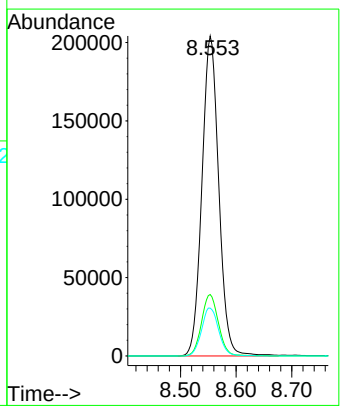
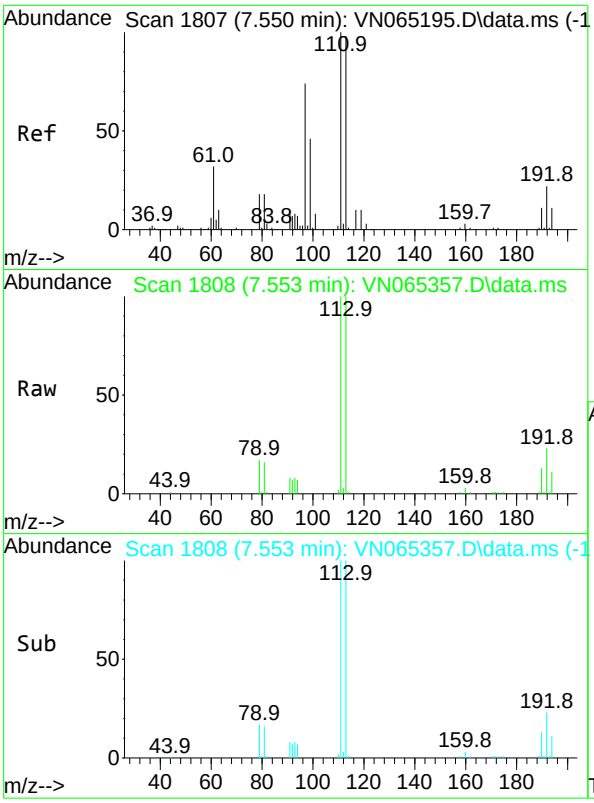


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion:114 Resp: 428363

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.6
88	14.9	0.0	32.6

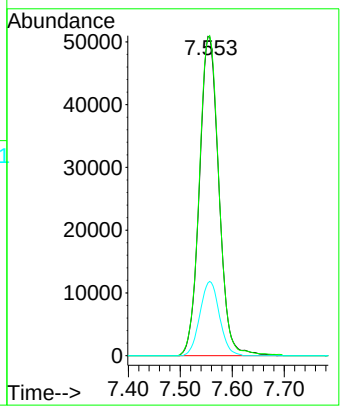




#35
Dibromofluoromethane
Concen: 51.09 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion:113 Resp: 132045

Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.6	122.4
192	23.4	16.2	24.2



Instrument :
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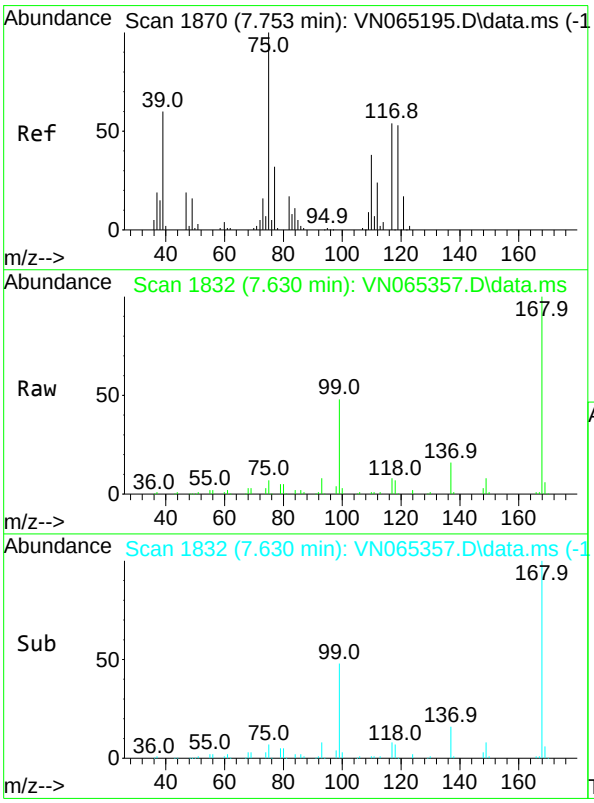
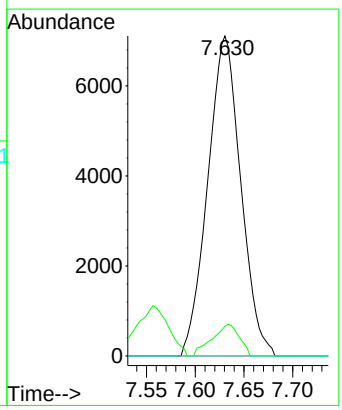
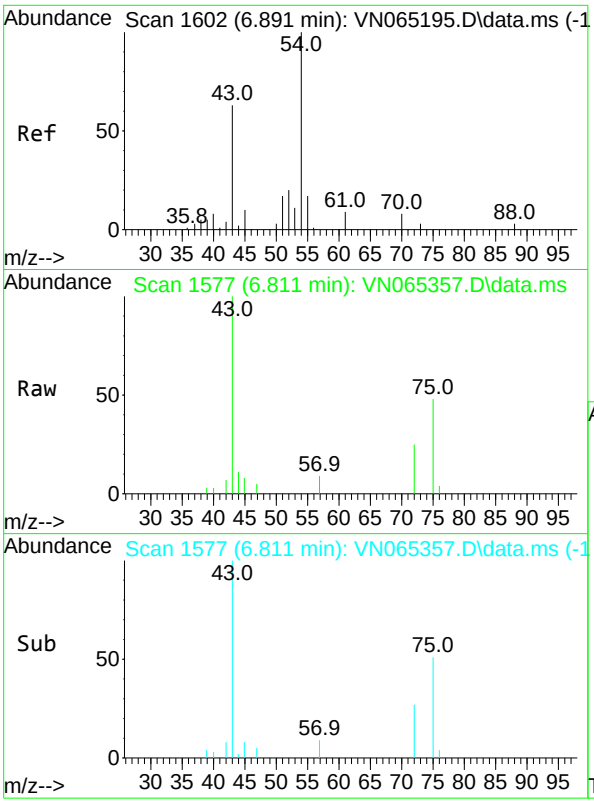


#36
1,1-Dichloropropene
Concen: 4.30 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.123 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 75 Resp: 16738

Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.8	53.3#
77	0.0	25.0	37.4#

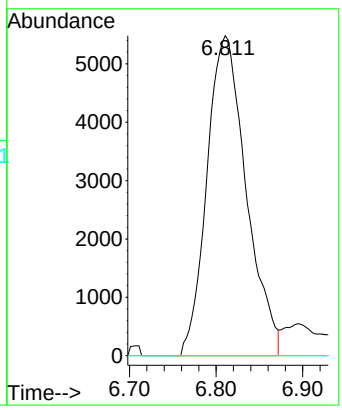




#37
Ethyl Acetate
Concen: 4.48 ug/l
RT: 6.811 min Scan# 1577
Delta R.T. -0.080 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 43 Resp: 17284

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	8.8	13.2#



Instrument :
MSVOA_N
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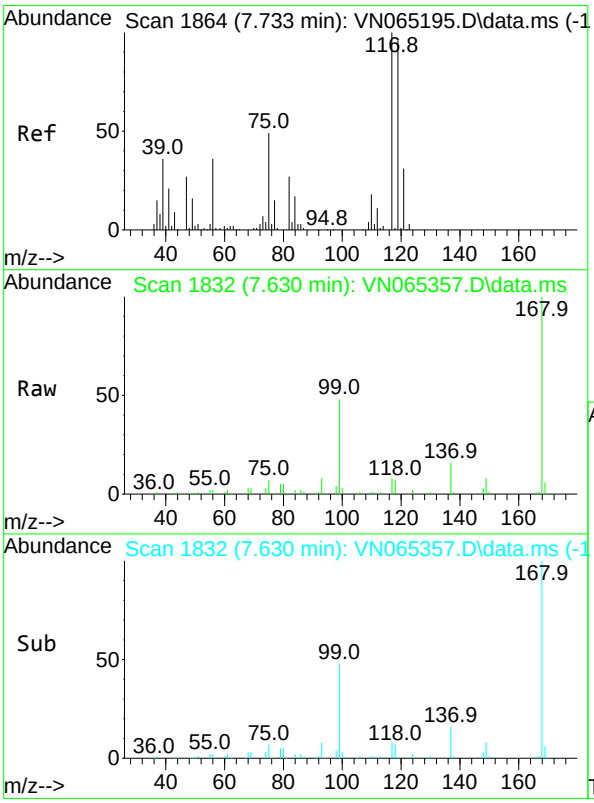
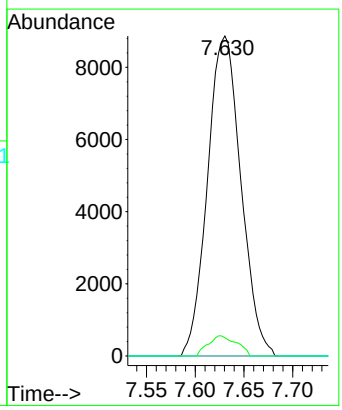
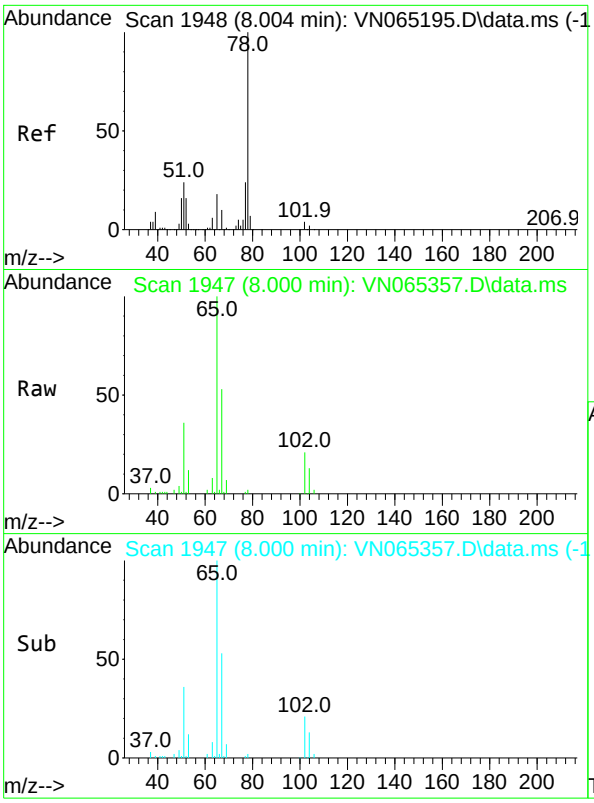


#38
Carbon Tetrachloride
Concen: 5.17 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.103 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion:117 Resp: 21144

Ion	Ratio	Lower	Upper
117	100		
119	5.7	76.7	115.1#
121	0.0	25.4	38.2#

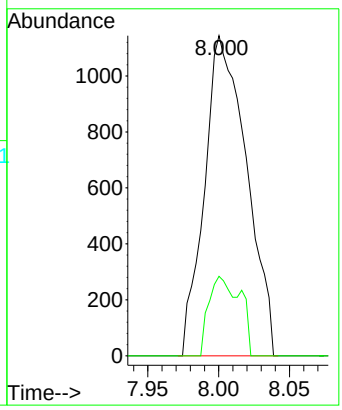




#40
Benzene
Concen: 0.20 ug/l
RT: 8.000 min Scan# 1947
Delta R.T. -0.004 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 78 Resp: 2362

Ion	Ratio	Lower	Upper
78	100		
77	24.8	17.9	26.9



Instrument :
MSVOA_N
ClientSampleId :
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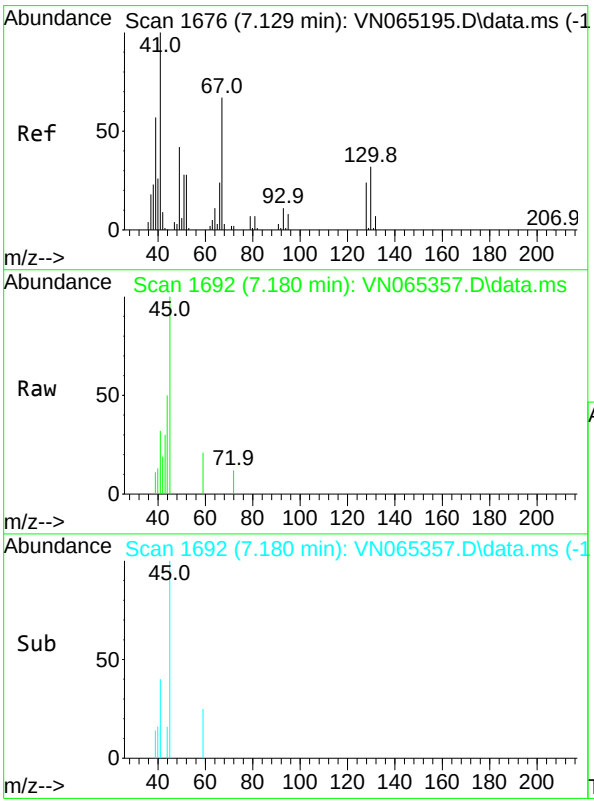
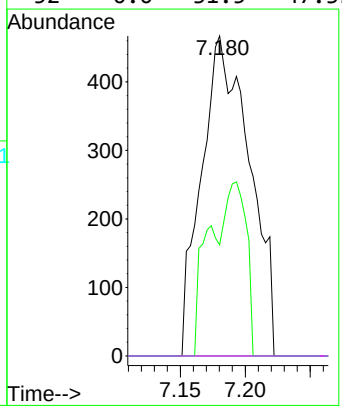


#41
Methacrylonitrile
Concen: 0.60 ug/l
RT: 7.180 min Scan# 1692
Delta R.T. 0.051 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 41 Resp: 1205

Ion	Ratio	Lower	Upper
41	100		
39	16.4	51.0	76.6#
67	0.0	79.8	119.8#
52	0.0	31.5	47.3#



Instrument :
MSVOA_N
ClientSampleId :
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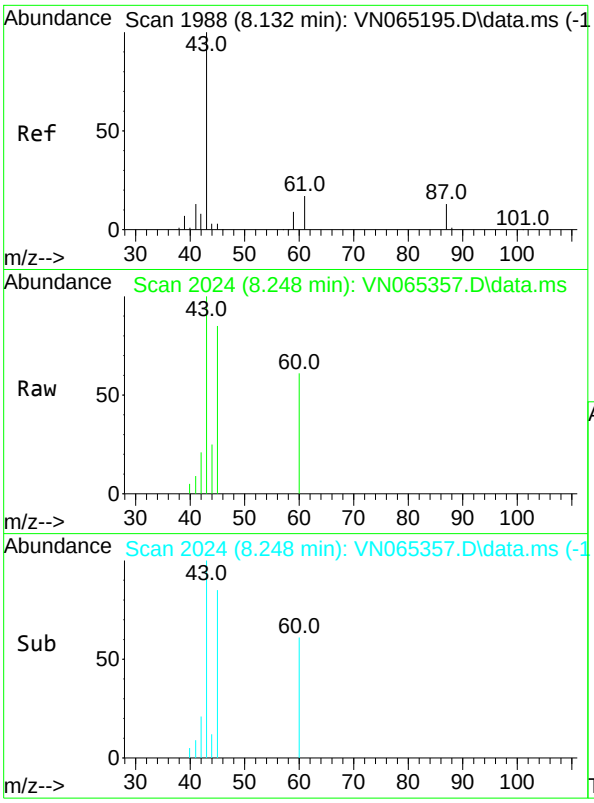
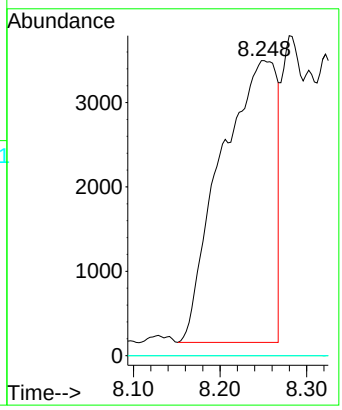
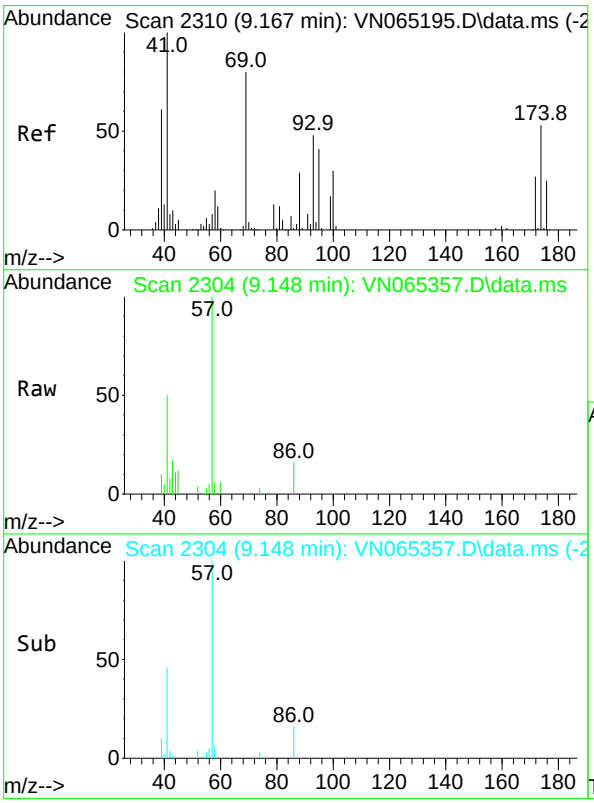


#43
Isopropyl Acetate
Concen: 2.24 ug/l
RT: 8.248 min Scan# 2024
Delta R.T. 0.116 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 43 Resp: 14888

Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.2	25.8#
87	0.0	11.4	17.0#

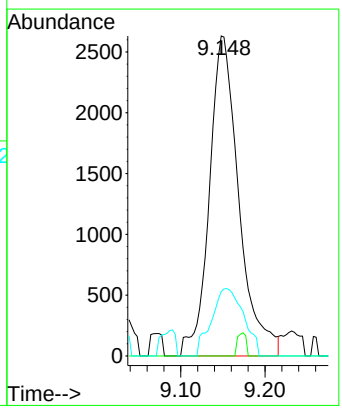


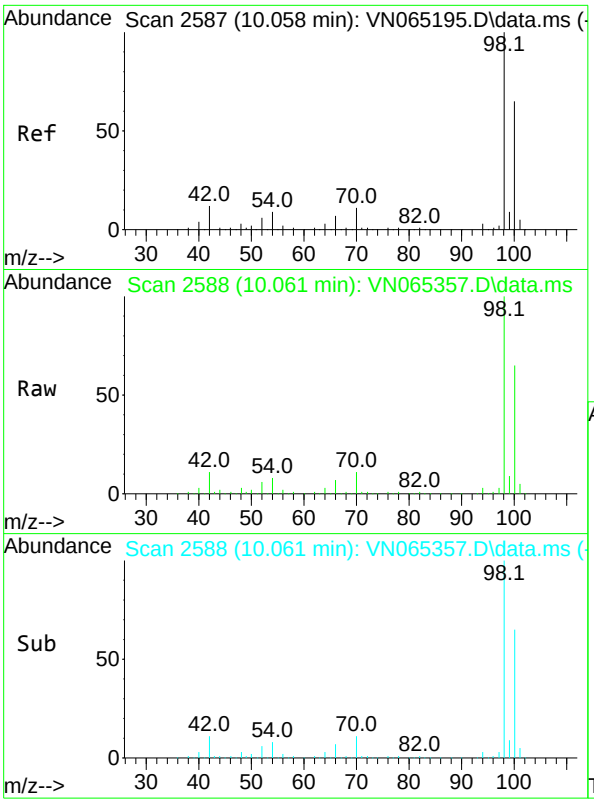


#48
Methyl methacrylate
Concen: 1.98 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 41 Resp: 6408

Ion	Ratio	Lower	Upper
41	100		
69	0.0	71.8	107.8#
39	22.9	44.1	66.1#

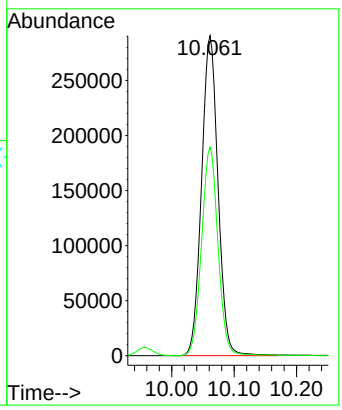




#50
Toluene-d8
Concen: 55.09 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 98 Resp: 533567

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.7	77.5



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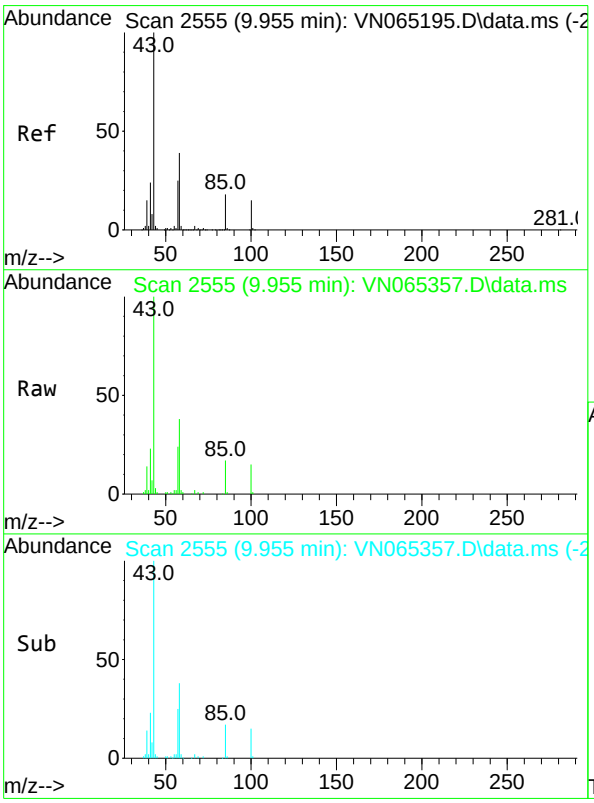
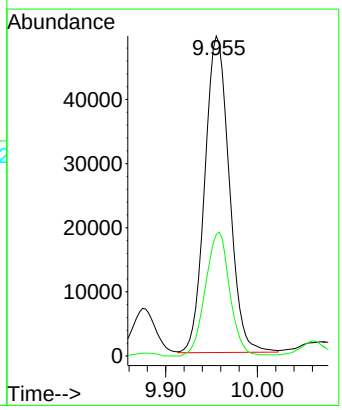


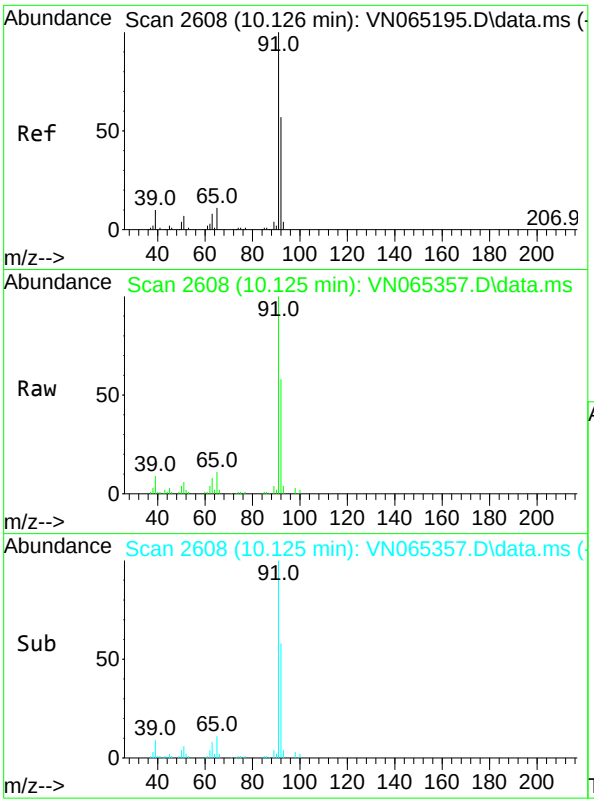
#51
4-Methyl-2-Pentanone
Concen: 24.46 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 43 Resp: 91499

Ion	Ratio	Lower	Upper
43	100		
58	38.9	32.4	48.6



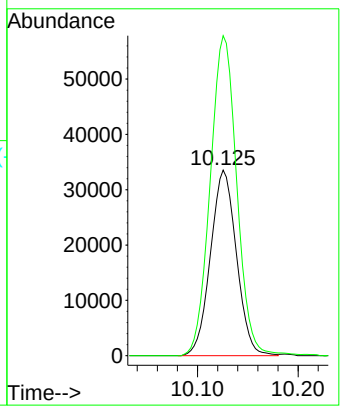
Instrument :
MSVOA_N
ClientSampleId :
JG-BUS-WASH

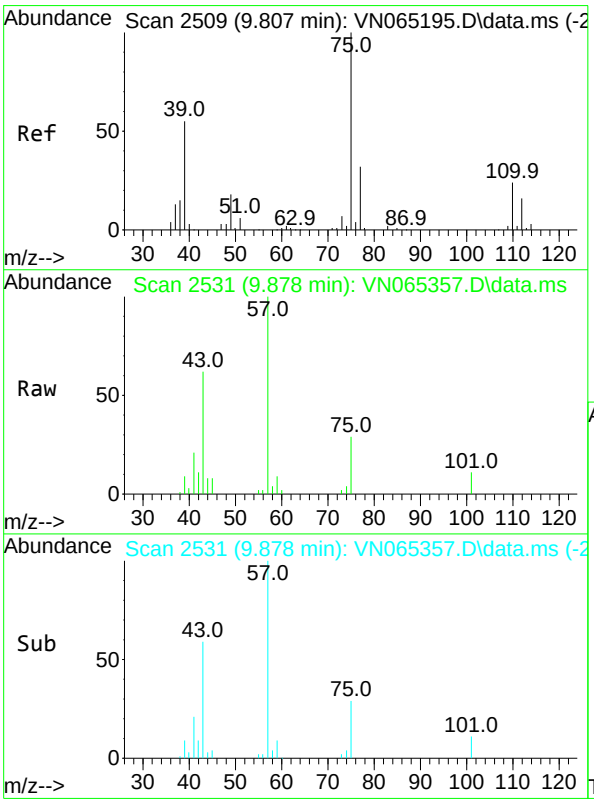


#52
Toluene
Concen: 8.25 ug/l
RT: 10.125 min Scan# 2608
Delta R.T. -0.001 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 92 Resp: 60222

Ion	Ratio	Lower	Upper
92	100		
91	176.7	139.1	208.7

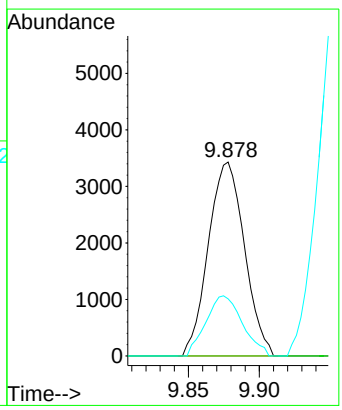




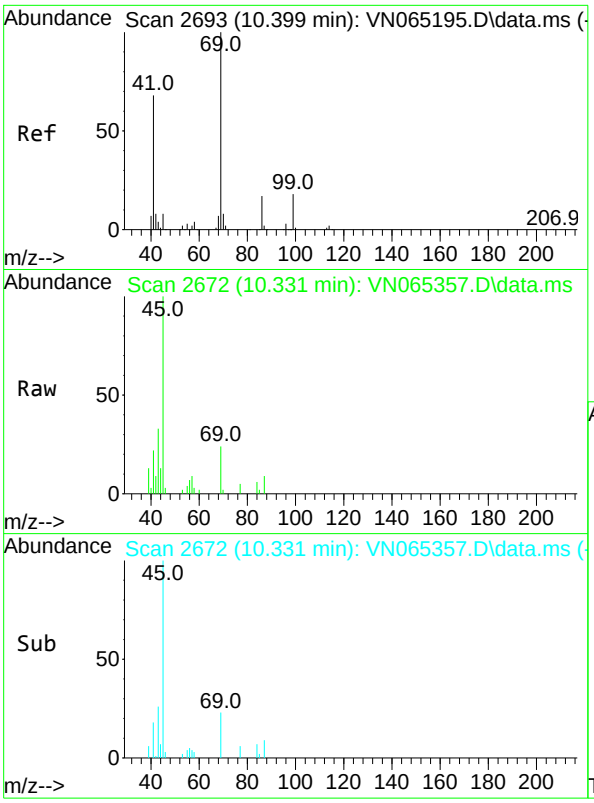
#54
cis-1,3-Dichloropropene
Concen: 1.18 ug/l
RT: 9.878 min Scan# 2531
Delta R.T. 0.071 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 75 Resp: 6081

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.5	38.3#
39	29.5	35.6	53.4#



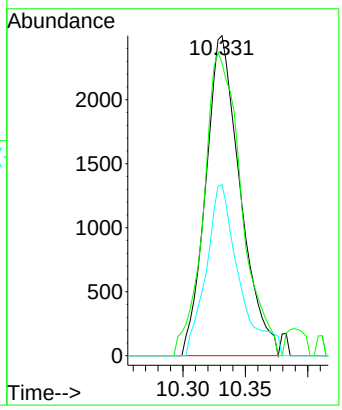
Instrument :
MSVOA_N
ClientSampleId :
JG-BUS-WASH

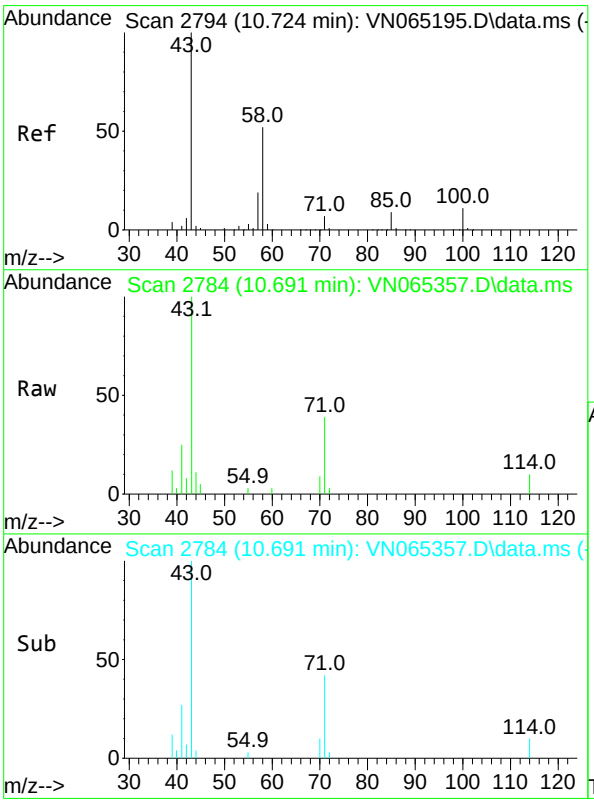


#56
Ethyl methacrylate
Concen: 1.07 ug/l
RT: 10.331 min Scan# 2672
Delta R.T. -0.068 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 69 Resp: 4808

Ion	Ratio	Lower	Upper
69	100		
41	103.2	49.4	74.0#
39	50.8	25.9	38.9#

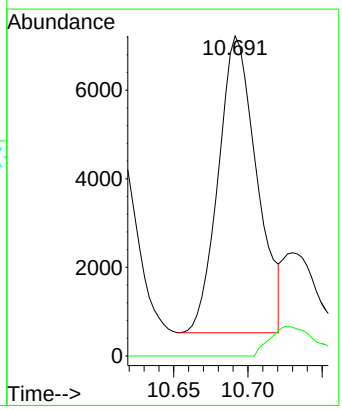




#59
2-Hexanone
Concen: 4.38 ug/l
RT: 10.691 min Scan# 2784
Delta R.T. -0.033 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 43 Resp: 12045

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.3	84.9#



Instrument :
MSVOA_N
ClientSampleId :
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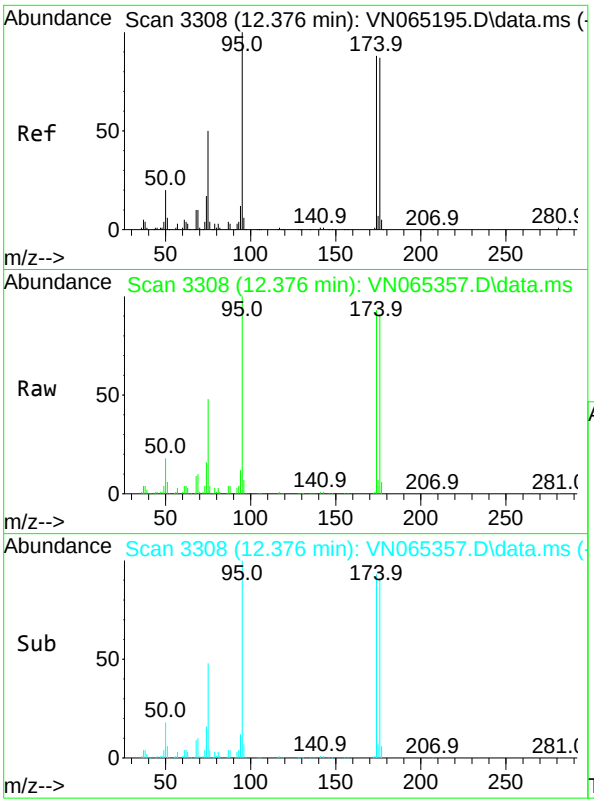
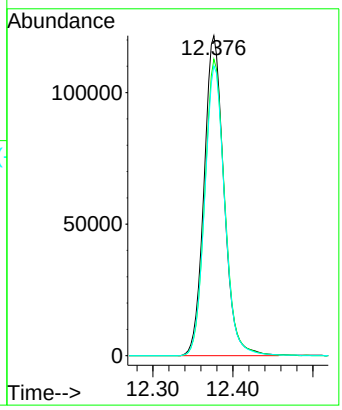
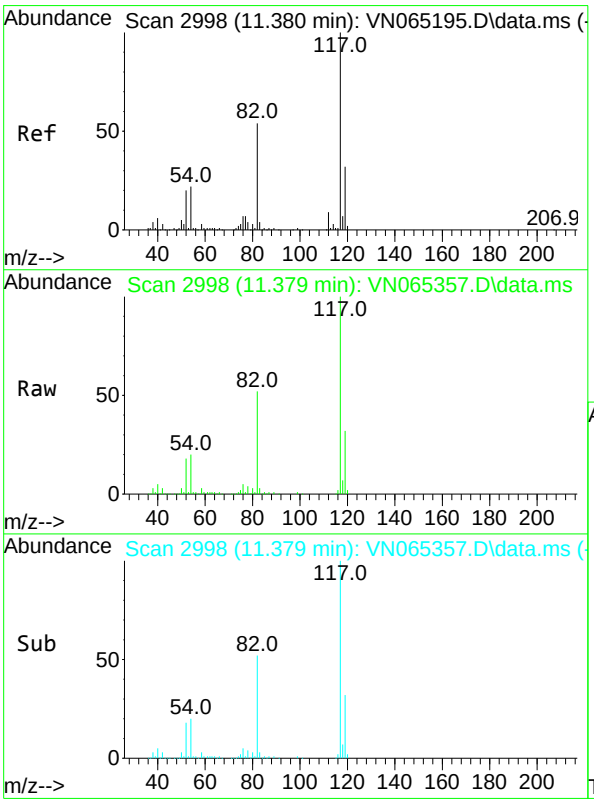


#62
4-Bromofluorobenzene
Concen: 54.35 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 95 Resp: 210076

Ion	Ratio	Lower	Upper
95	100		
174	93.2	0.0	160.4
176	91.1	0.0	158.4

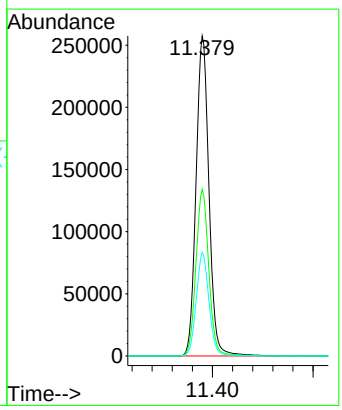




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion:117 Resp: 458116

Ion	Ratio	Lower	Upper
117	100		
82	52.1	44.2	66.2
119	32.3	25.8	38.6



Instrument :
MSVOA_N
ClientSampleId :
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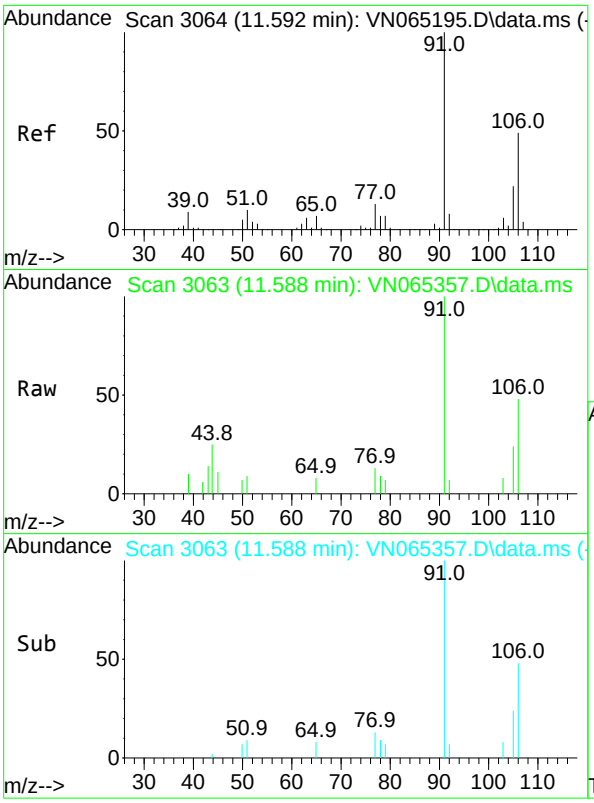
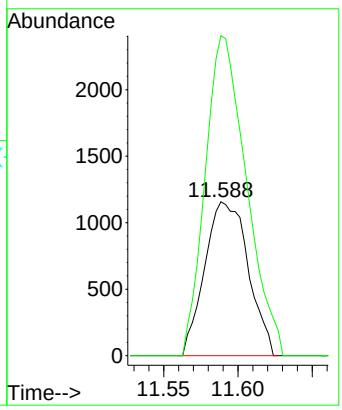
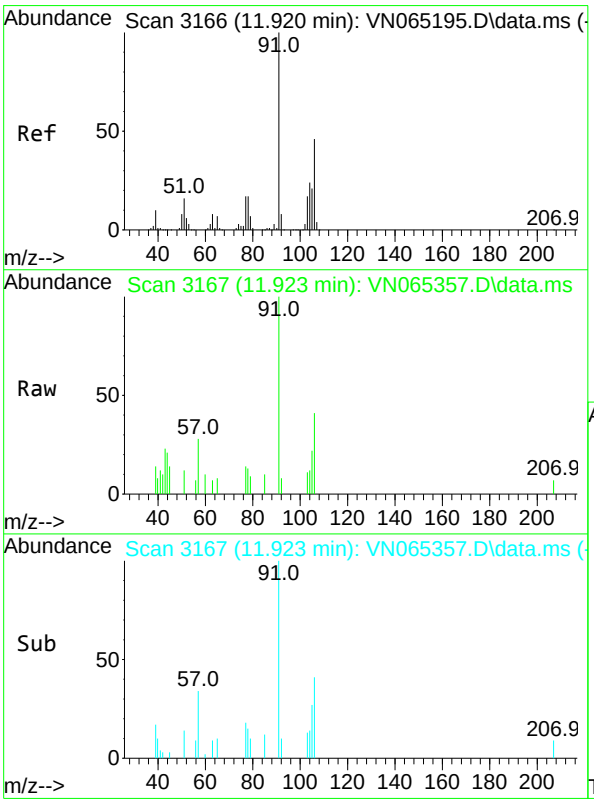


#68
m/p-Xylenes
Concen: 0.37 ug/l
RT: 11.588 min Scan# 3063
Delta R.T. -0.004 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion:106 Resp: 2354

Ion	Ratio	Lower	Upper
106	100		
91	196.8	161.0	241.4

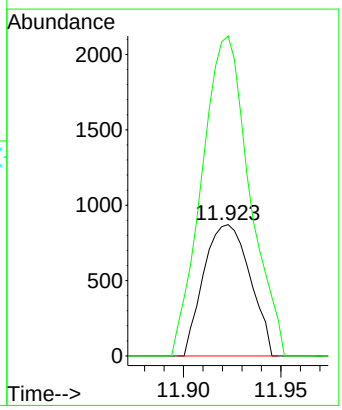




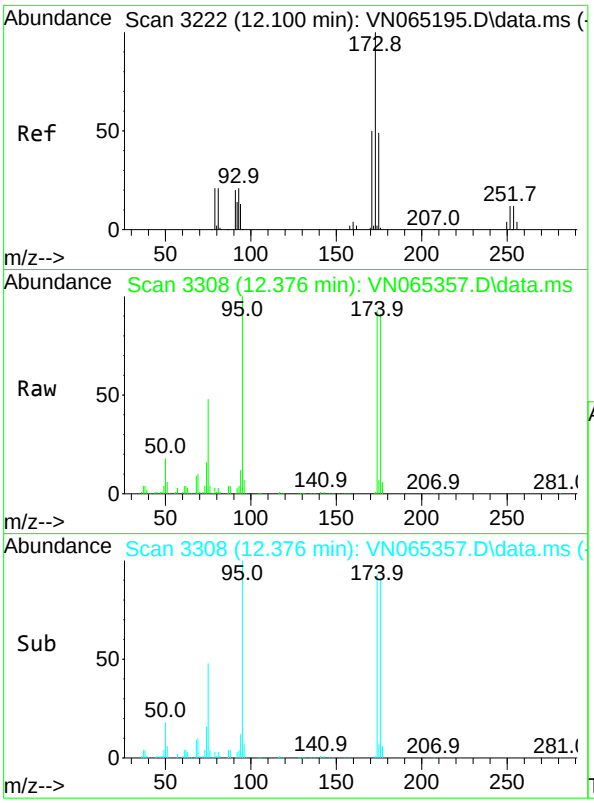
#69
o-Xylene
Concen: 0.23 ug/l
RT: 11.923 min Scan# 3167
Delta R.T. 0.003 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion:106 Resp: 1440

Ion	Ratio	Lower	Upper
106	100		
91	250.8	105.5	316.5



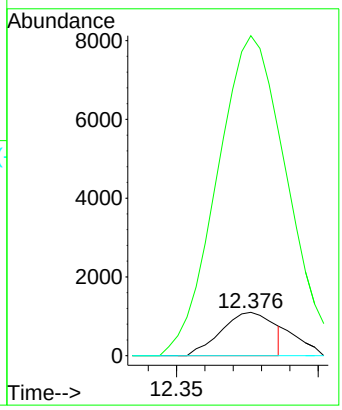
Instrument :
MSVOA_N
ClientSampleId :
JG-BUS-WASH

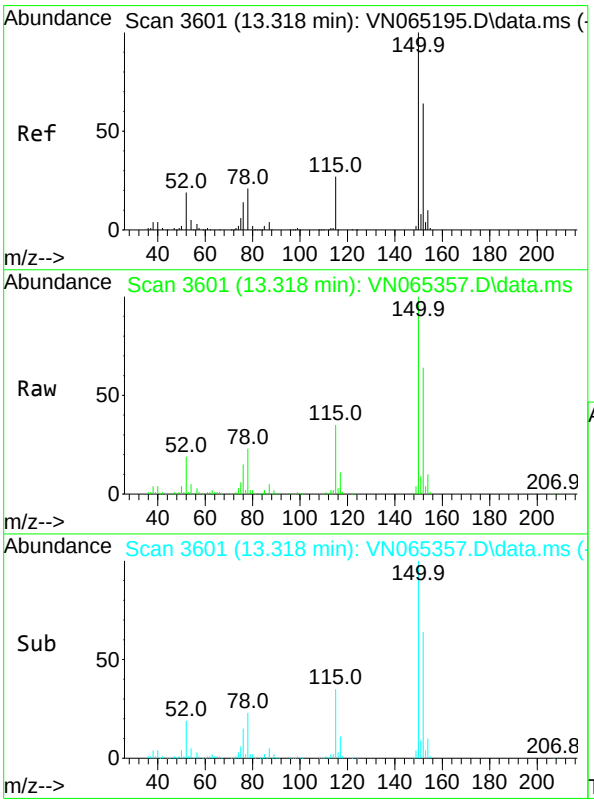


#71
Bromoform
Concen: 0.45 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion:173 Resp: 1410

Ion	Ratio	Lower	Upper
173	100		
175	808.4	24.3	72.8#
254	0.0	0.0	0.0

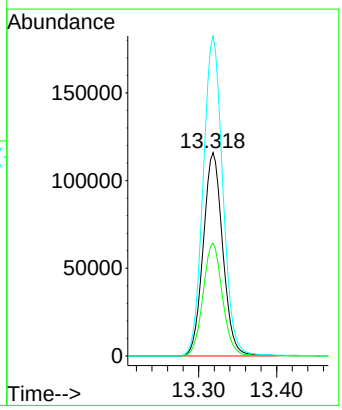




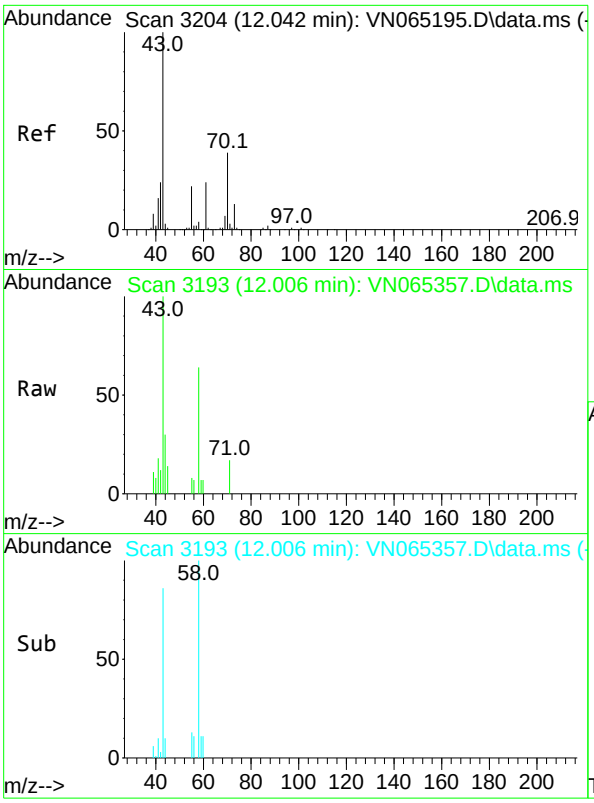
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion:152 Resp: 201532

Ion	Ratio	Lower	Upper
152	100		
115	55.2	29.7	89.1
150	158.1	0.0	350.6



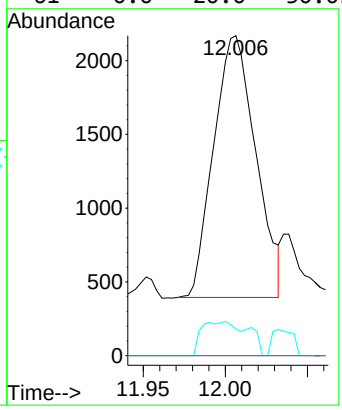
Instrument :
MSVOA_N
ClientSampleId :
JG-BUS-WASH

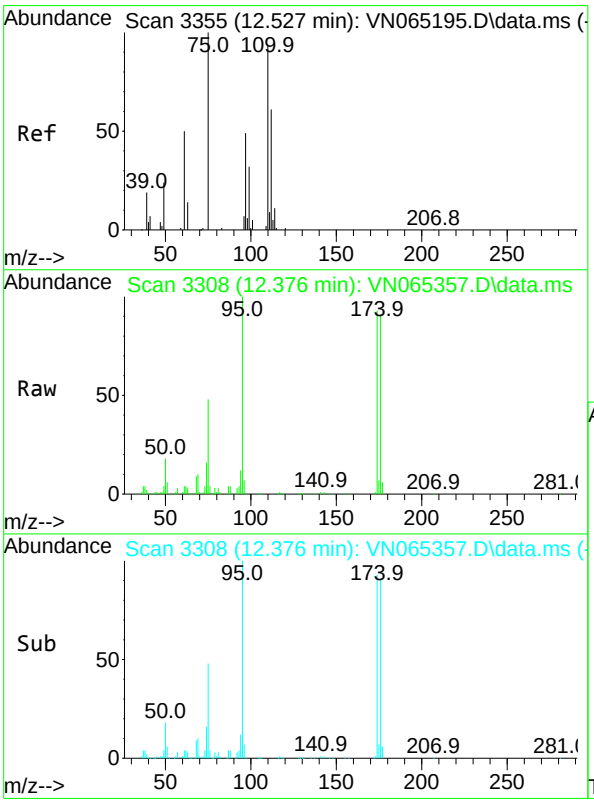


#74
N-amyl acetate
Concen: 0.52 ug/l
RT: 12.006 min Scan# 3193
Delta R.T. -0.036 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 43 Resp: 3165

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.5	51.7#
55	11.2	20.4	30.6#
61	0.0	20.0	30.0#

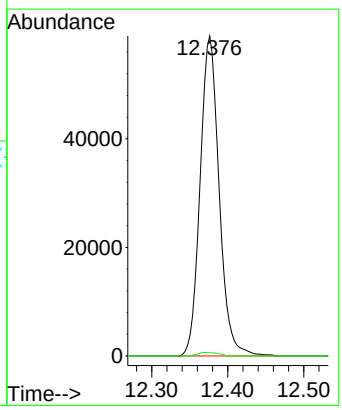


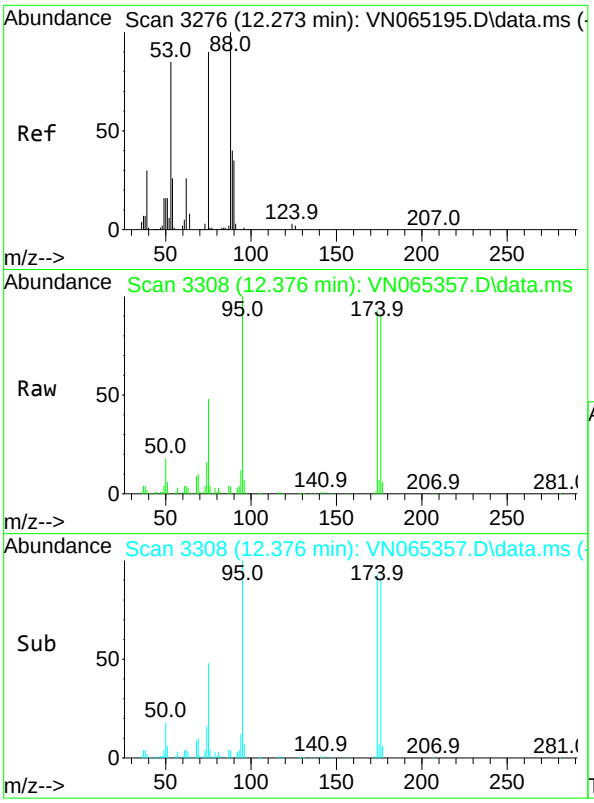


#76
1,2,3-Trichloropropane
Concen: 24.94 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 75 Resp: 102525

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

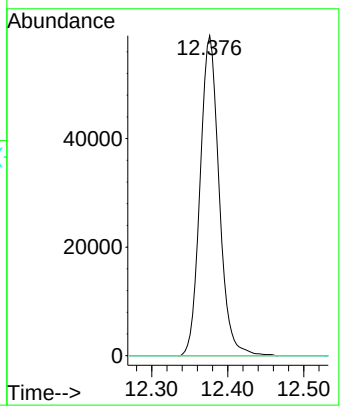




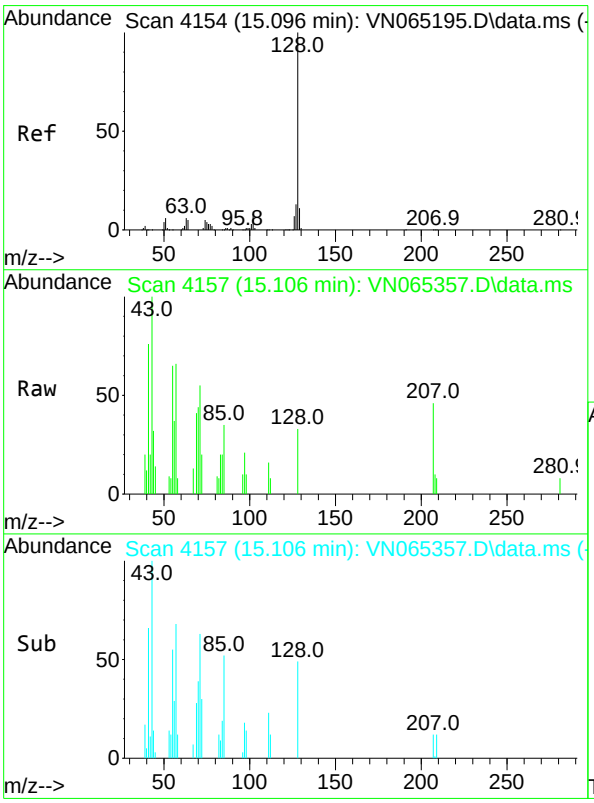
#81
trans-1,4-Dichloro-2-butene
Concen: 62.88 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion: 75 Resp: 102525

Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.0	100.4#
89	0.0	39.6	59.4#



Instrument :
MSVOA_N
ClientSampleId :
JG-BUS-WASH



#95
Naphthalene
Concen: 3.47 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.010 min
Lab File: VN065357.D
Acq: 31 Dec 2020 20:03

Tgt Ion:128 Resp: 1104

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.7	13.1#