Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123120\
Data File : VN065356.D
Acq On : 31 Dec 2020 19:38
Operator : JC/MD
Sample : L5241-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : JG-ENGINE-WASH

Quant Time: Jan 01 01:53:44 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

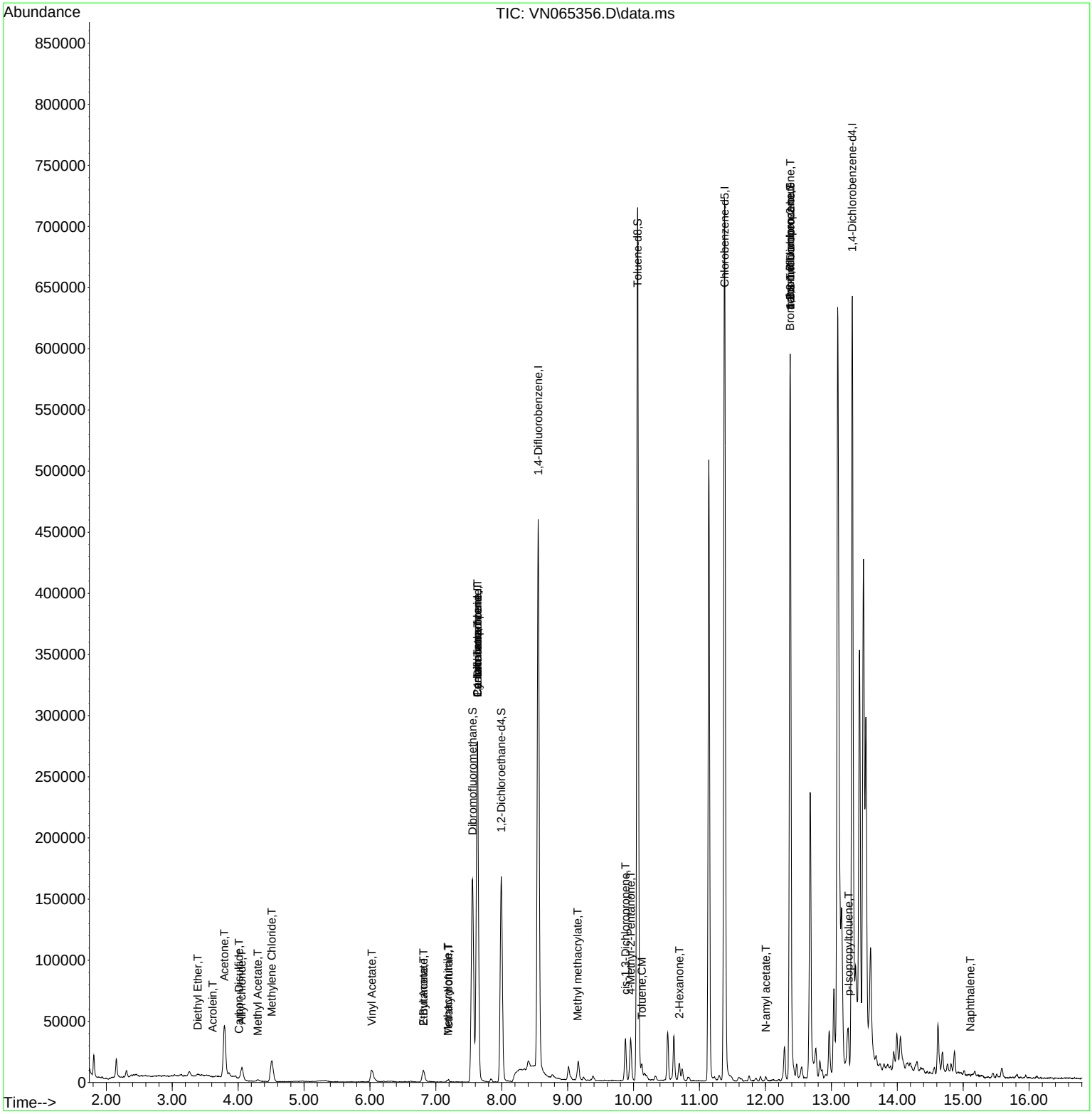
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.631	168	252802	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.553	114	425913	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.380	117	448011	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.319	152	192856	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.994	65	145039	50.82	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.64%				
35) Dibromofluoromethane	7.557	113	129436	50.37	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.74%				
50) Toluene-d8	10.061	98	524933	54.51	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.02%				
62) 4-Bromofluorobenzene	12.376	95	204941	53.42	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.84%				
Target Compounds							Qvalue
8) Diethyl Ether	3.386	74	619	0.38	ug/l		80
13) Acrolein	3.615	56	32	2.51	ug/l	#	1
14) Allyl chloride	4.052	41	1794	0.44	ug/l	#	67
16) Acetone	3.792	43	69085	49.04	ug/l		94
17) Carbon Disulfide	4.013	76	1508	0.24	ug/l	#	75
18) Methyl Acetate	4.300	43	3489	1.36	ug/l	#	66
20) Methylene Chloride	4.509	84	14012	5.03	ug/l		97
23) Vinyl Acetate	6.029	43	1942	0.28	ug/l	#	71
25) 2-Butanone	6.811	43	15381	9.60	ug/l		100
29) Tetrahydrofuran	7.193	42	713	0.69	ug/l	#	49
31) Cyclohexane	7.631	56	4019	0.95	ug/l	#	1
36) 1,1-Dichloropropene	7.631	75	16312	4.21	ug/l	#	49
37) Ethyl Acetate	6.811	43	15381	4.01	ug/l	#	66
38) Carbon Tetrachloride	7.631	117	21400	5.26	ug/l	#	16
41) Methacrylonitrile	7.184	41	577	0.29	ug/l	#	17
48) Methyl methacrylate	9.151	41	6218	1.94	ug/l	#	22
51) 4-Methyl-2-Pentanone	9.955	43	23033	6.19	ug/l		98
52) Toluene	10.126	92	4592	0.63	ug/l		93
54) cis-1,3-Dichloropropene	9.878	75	5999	1.17	ug/l	#	61
59) 2-Hexanone	10.695	43	10991	4.02	ug/l	#	23
71) Bromoform	12.373	173	1421	0.47	ug/l	#	1
74) N-amyl acetate	12.007	43	2801	0.48	ug/l	#	42
76) 1,2,3-Trichloropropane	12.376	75	100314	25.50	ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.376	75	100314	64.29	ug/l	#	15
86) p-Isopropyltoluene	13.264	119	6047	0.47	ug/l		95
95) Naphthalene	15.109	128	1209	3.48	ug/l	#	76

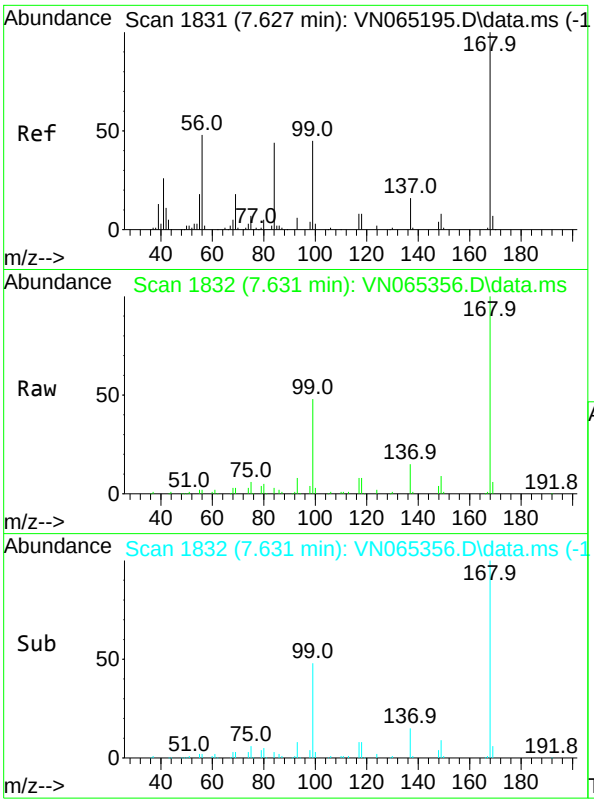
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123120\
Data File : VN065356.D
Acq On : 31 Dec 2020 19:38
Operator : JC/MD
Sample : L5241-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
JG-ENGINE-WASH

Quant Time: Jan 01 01:53:44 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

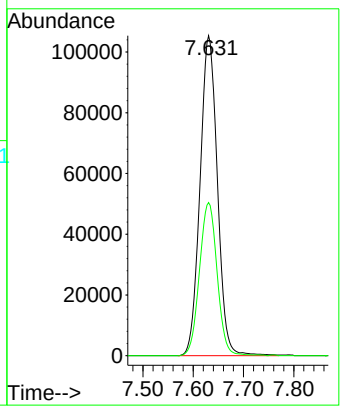




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion:168 Resp: 252802

Ion	Ratio	Lower	Upper
168	100		
99	47.8	43.0	64.4



Instrument :
MSVOA_N
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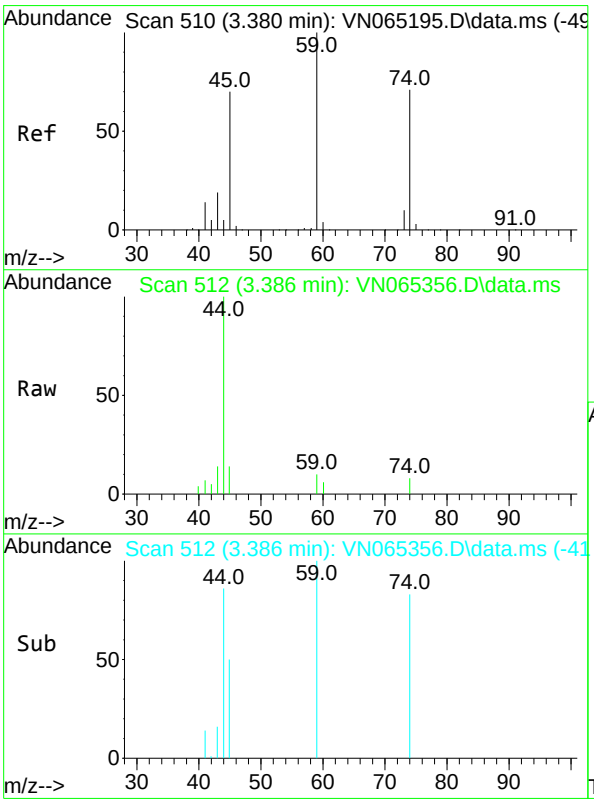
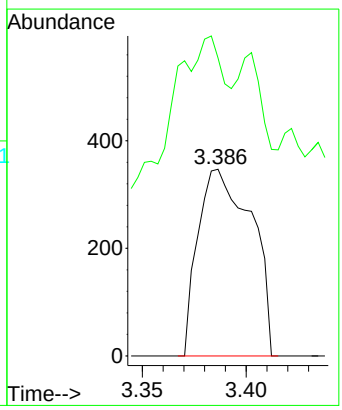
JG-ENGINE-WASH

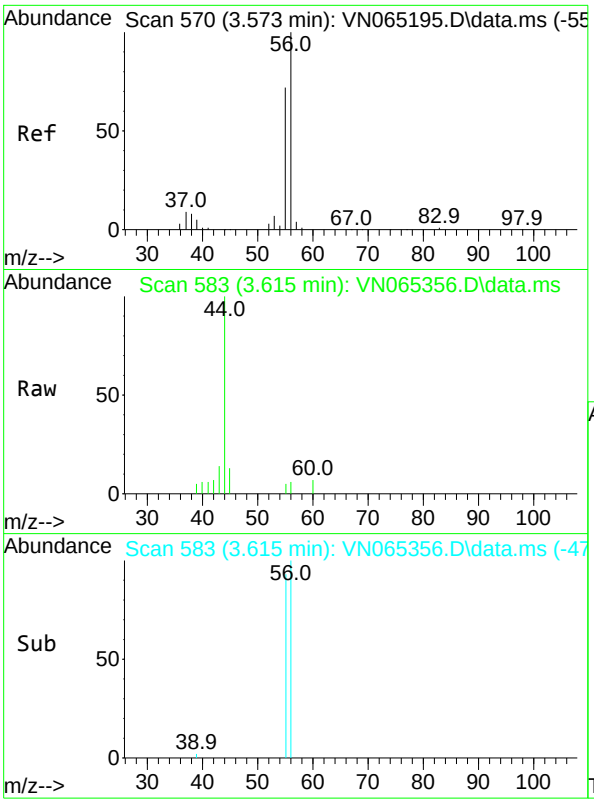


#8
Diethyl Ether
Concen: 0.38 ug/l
RT: 3.386 min Scan# 512
Delta R.T. 0.006 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 74 Resp: 619

Ion	Ratio	Lower	Upper
74	100		
45	78.0	48.9	146.8

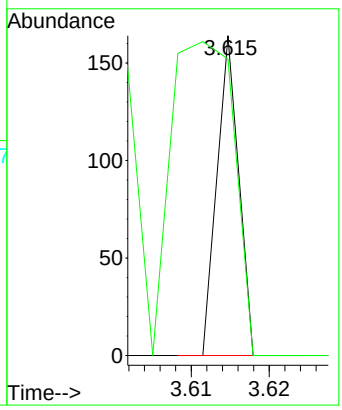




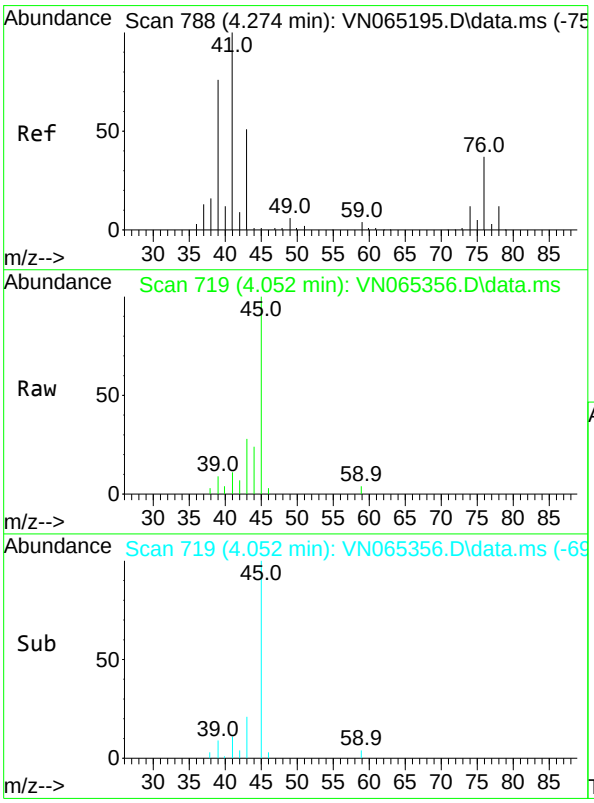
#13
Acrolein
Concen: 2.51 ug/l
RT: 3.615 min Scan# 583
Delta R.T. 0.042 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 56 Resp: 32

Ion	Ratio	Lower	Upper
56	100		
55	281.3	56.5	84.7#



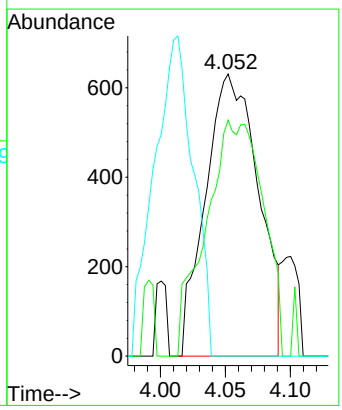
Instrument :
MSVOA_N
ClientSampleId :
JG-ENGINE-WASH

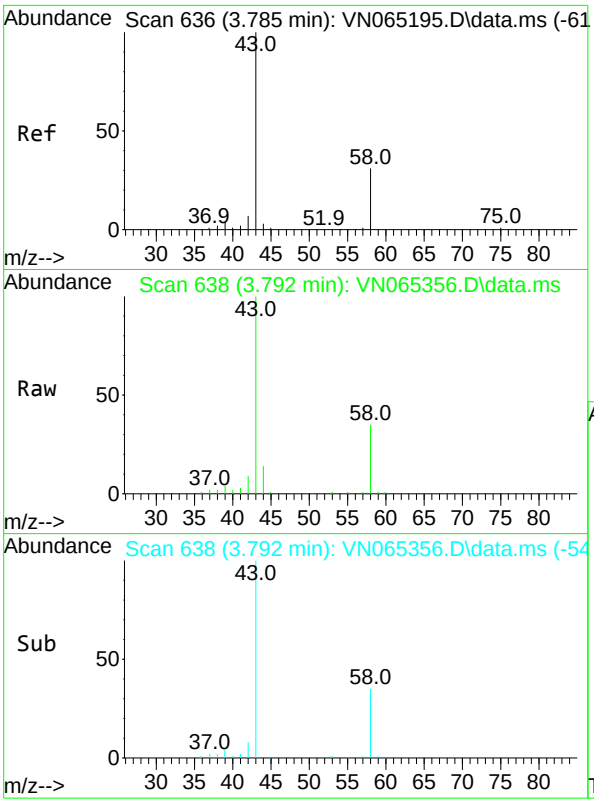


#14
Allyl chloride
Concen: 0.44 ug/l
RT: 4.052 min Scan# 719
Delta R.T. -0.222 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 41 Resp: 1794

Ion	Ratio	Lower	Upper
41	100		
39	49.9	50.9	76.3#
76	0.0	29.0	43.4#

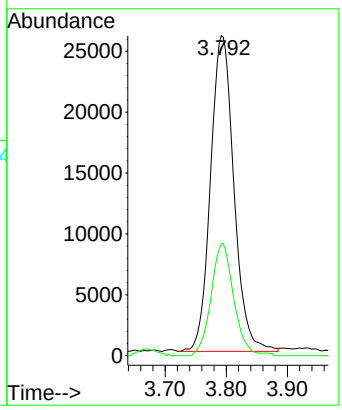




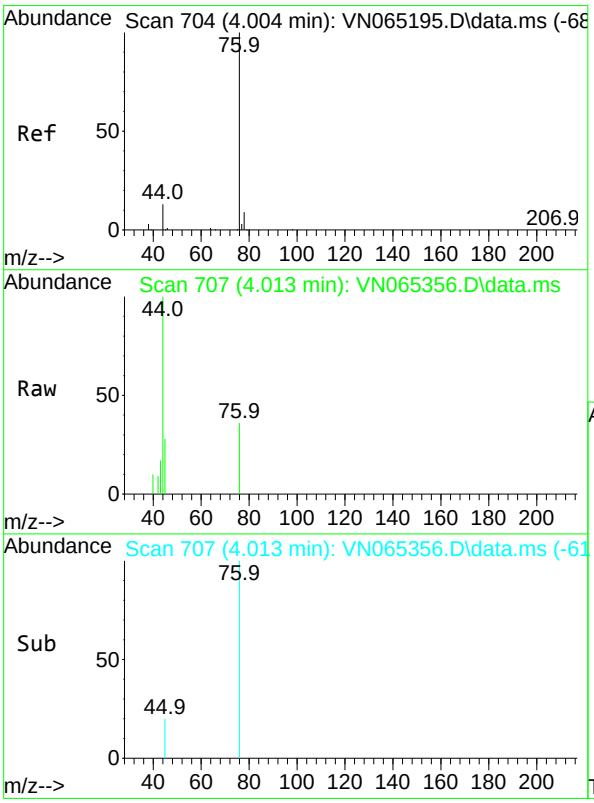
#16
Acetone
Concen: 49.04 ug/l
RT: 3.792 min Scan# 638
Delta R.T. 0.007 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 43 Resp: 69085

Ion	Ratio	Lower	Upper
43	100		
58	35.4	25.7	38.5



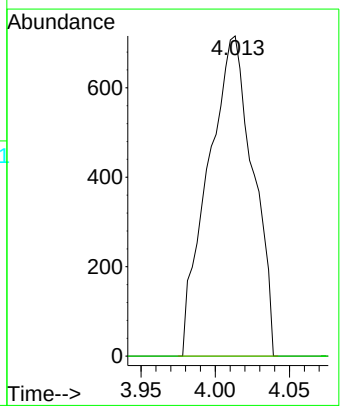
Instrument :
MSVOA_N
ClientSampleId :
JG-ENGINE-WASH



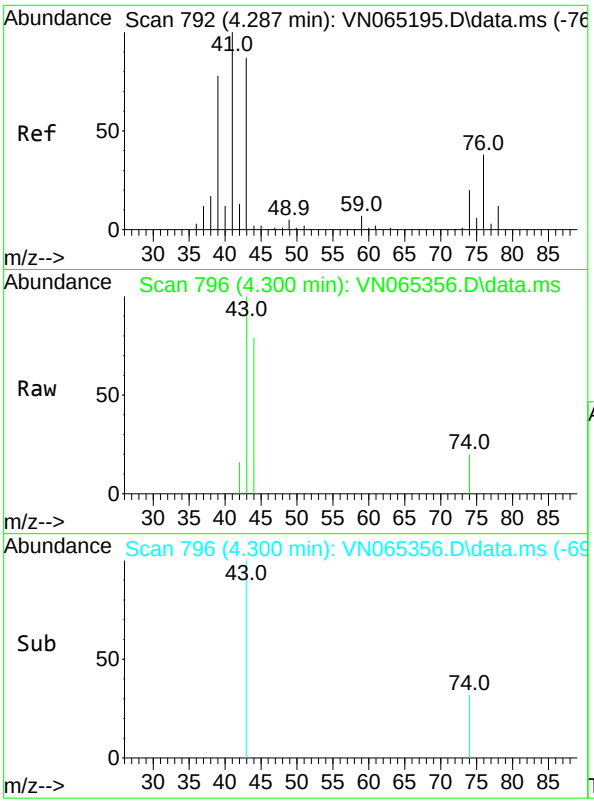
#17
Carbon Disulfide
Concen: 0.24 ug/l
RT: 4.013 min Scan# 707
Delta R.T. 0.009 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 76 Resp: 1508

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.0#



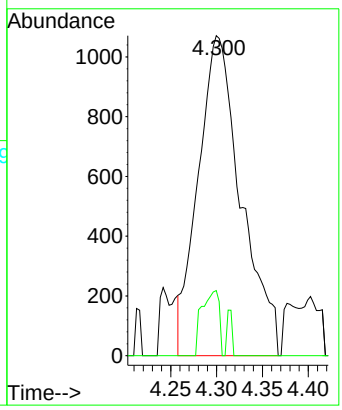
Instrument :
MSVOA_N
ClientSampleId :
JG-ENGINE-WASH

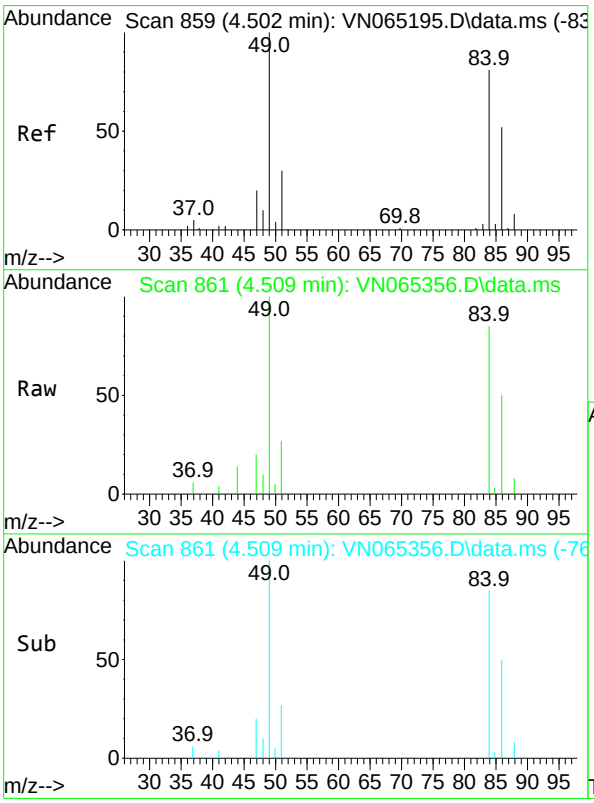


#18
Methyl Acetate
Concen: 1.36 ug/l
RT: 4.300 min Scan# 796
Delta R.T. 0.013 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 43 Resp: 3489

Ion	Ratio	Lower	Upper
43	100		
74	8.2	20.2	30.2#

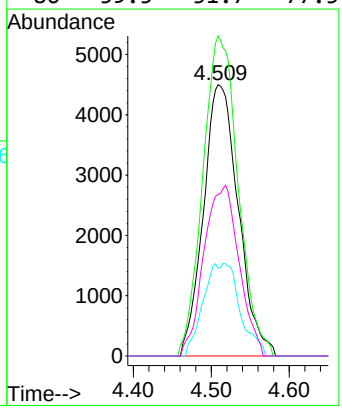


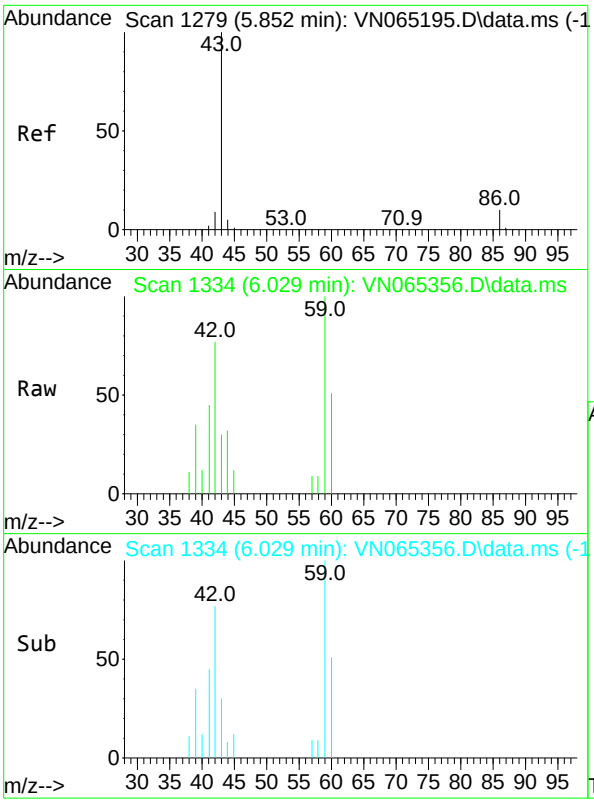


#20
Methylene Chloride
Concen: 5.03 ug/l
RT: 4.509 min Scan# 861
Delta R.T. 0.007 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 84 Resp: 14012

Ion	Ratio	Lower	Upper
84	100		
49	118.0	93.4	140.0
51	32.4	28.2	42.4
86	59.5	51.7	77.5

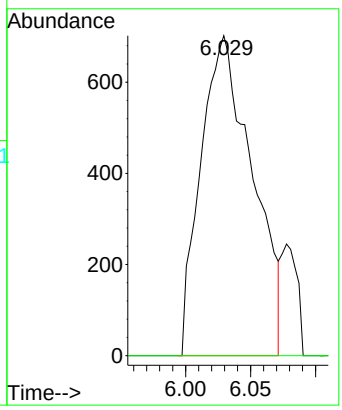




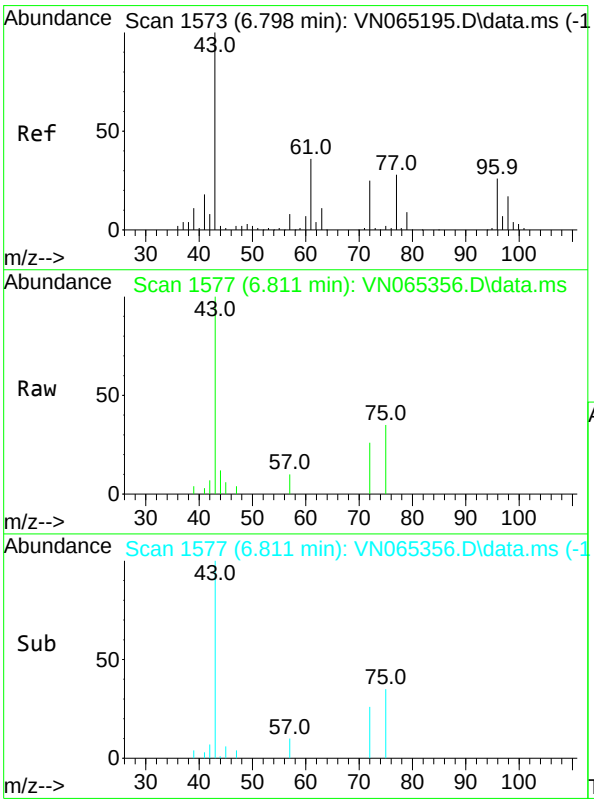
#23
Vinyl Acetate
Concen: 0.28 ug/l
RT: 6.029 min Scan# 1334
Delta R.T. 0.177 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 43 Resp: 1942

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.9	13.3#



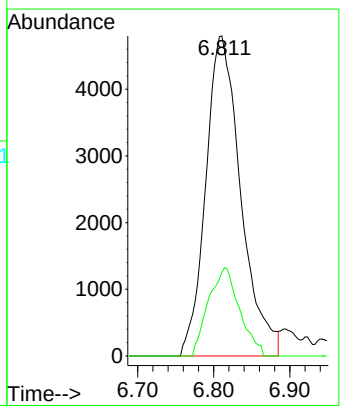
Instrument :
MSVOA_N
ClientSampleId :
JG-ENGINE-WASH



#25
2-Butanone
Concen: 9.60 ug/l
RT: 6.811 min Scan# 1577
Delta R.T. 0.013 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 43 Resp: 15381

Ion	Ratio	Lower	Upper
43	100		
72	26.0	21.0	31.6



Instrument :
MSVOA_N
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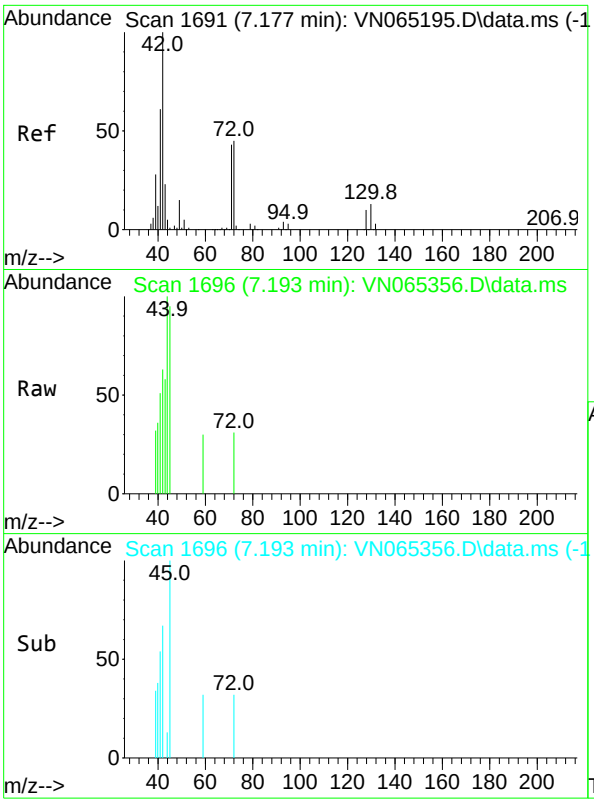
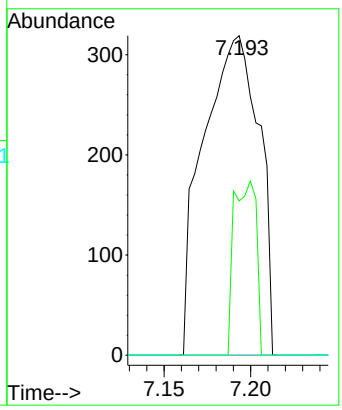
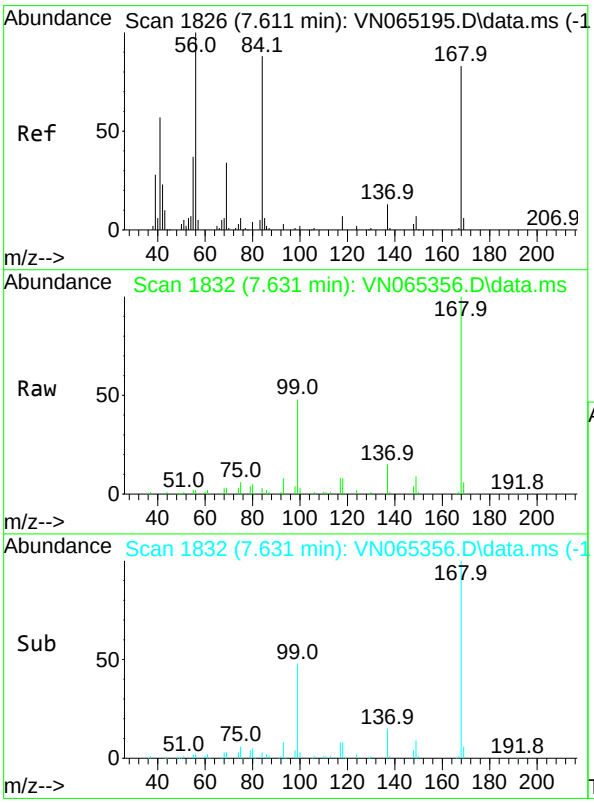


#29
Tetrahydrofuran
Concen: 0.69 ug/l
RT: 7.193 min Scan# 1696
Delta R.T. 0.016 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 42 Resp: 713

Ion	Ratio	Lower	Upper
42	100		
72	21.9	36.6	54.8#
71	0.0	33.6	50.4#

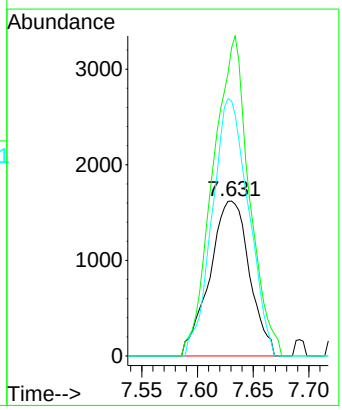




#31
Cyclohexane
Concen: 0.95 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.020 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 56 Resp: 4019

Ion	Ratio	Lower	Upper
56	100		
69	199.3	27.5	41.3#
84	164.6	73.9	110.9#



Instrument :
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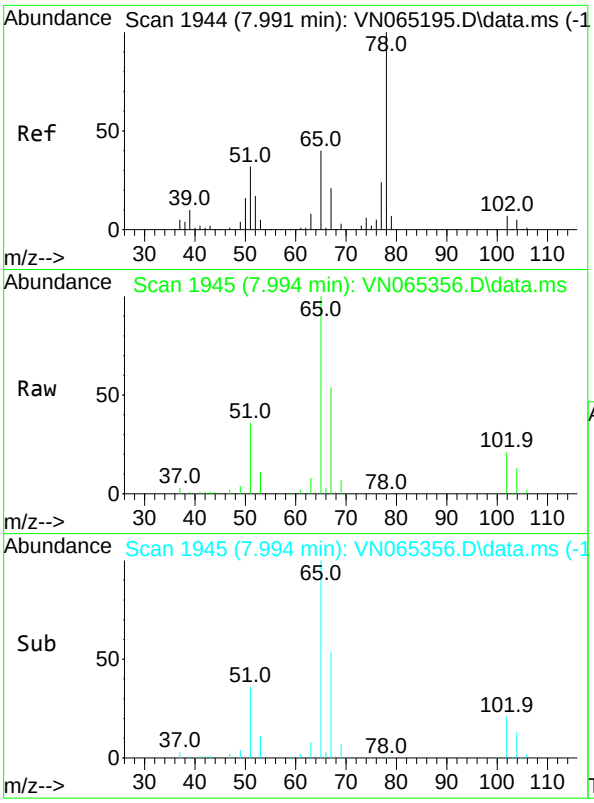
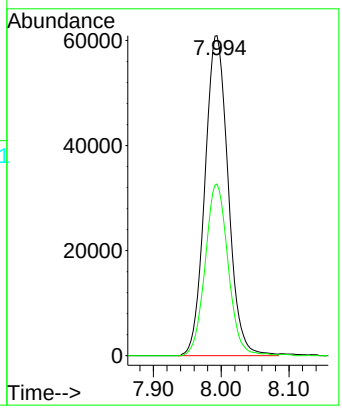
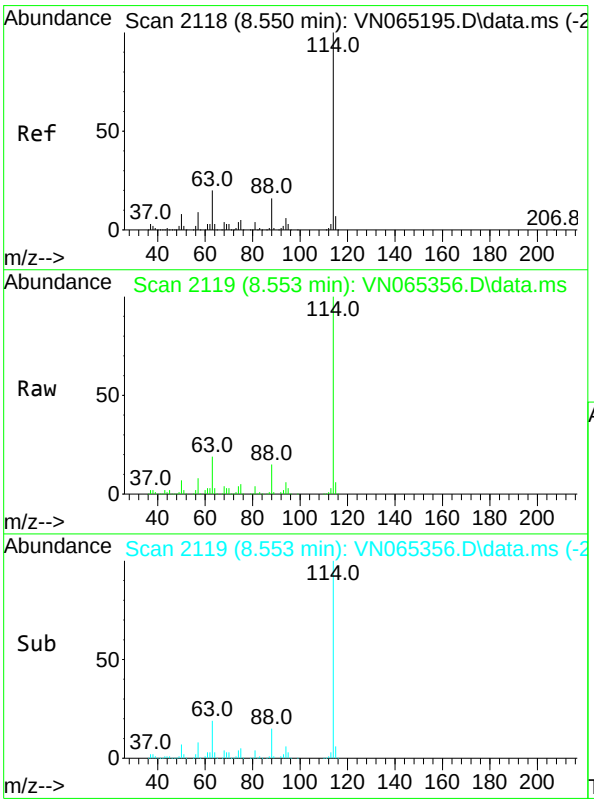


#33
1,2-Dichloroethane-d4
Concen: 50.82 ug/l
RT: 7.994 min Scan# 1945
Delta R.T. 0.003 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 65 Resp: 145039

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	108.2

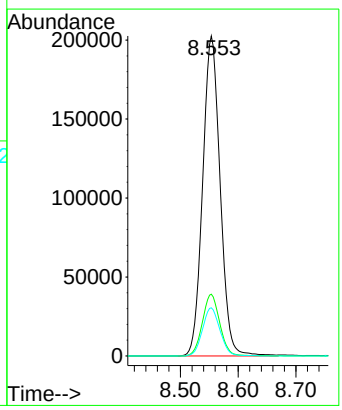




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion:114 Resp: 425913

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.6
88	15.1	0.0	32.6



Instrument :
MSVOA_N
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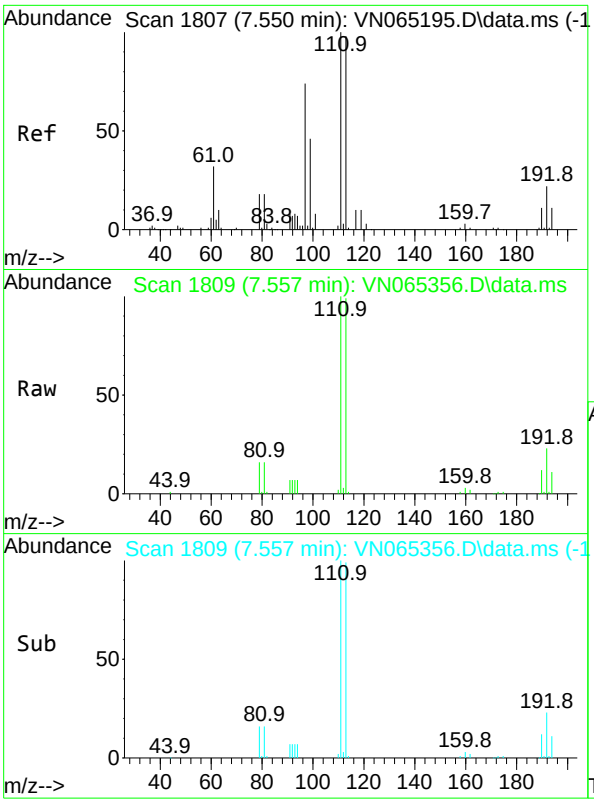
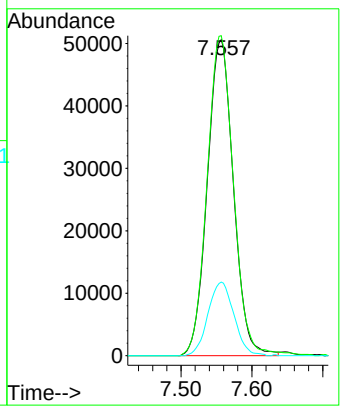
JG-ENGINE-WASH

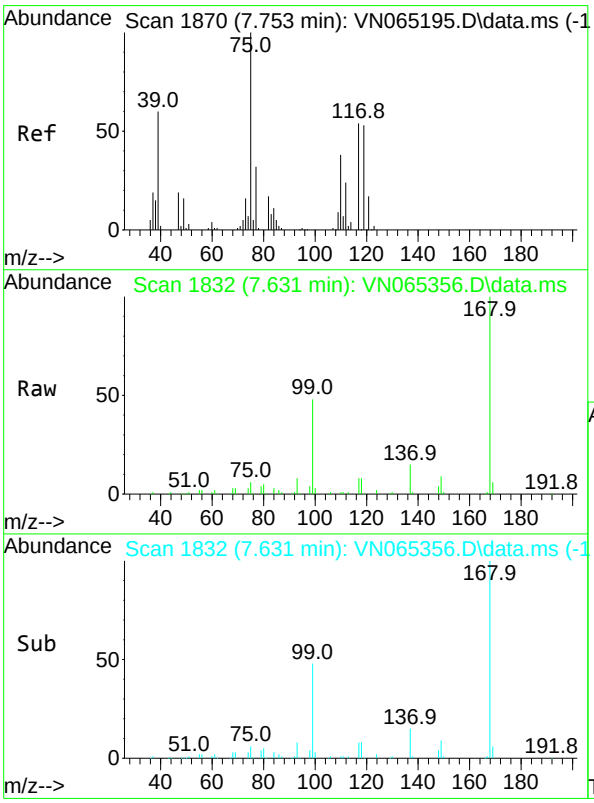


#35
Dibromofluoromethane
Concen: 50.37 ug/l
RT: 7.557 min Scan# 1809
Delta R.T. 0.007 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion:113 Resp: 129436

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.6	122.4
192	23.1	16.2	24.2

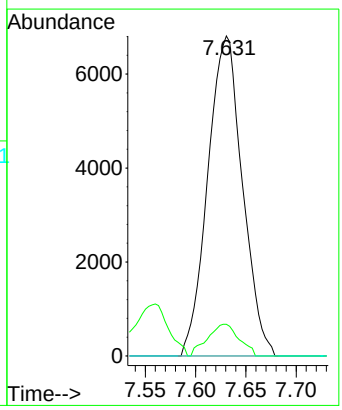


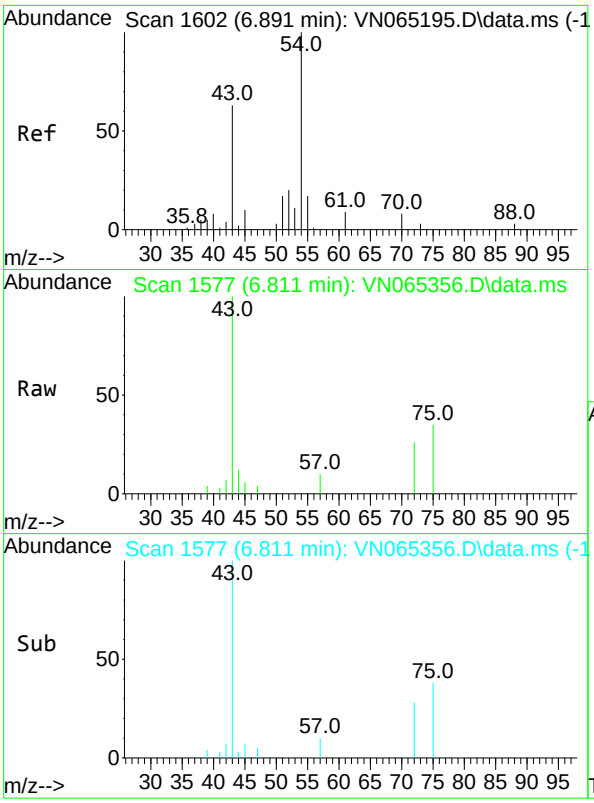


#36
1,1-Dichloropropene
Concen: 4.21 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. -0.122 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 75 Resp: 16312

Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.8	53.3#
77	0.0	25.0	37.4#

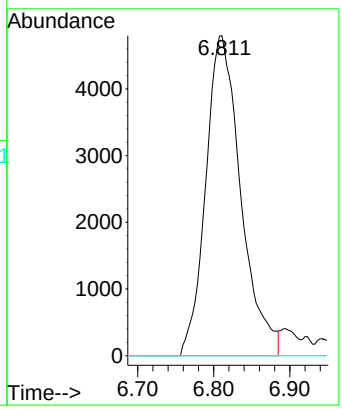




#37
Ethyl Acetate
Concen: 4.01 ug/l
RT: 6.811 min Scan# 1577
Delta R.T. -0.080 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 43 Resp: 15381

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



Instrument :
MSVOA_N
ClientSampleId :
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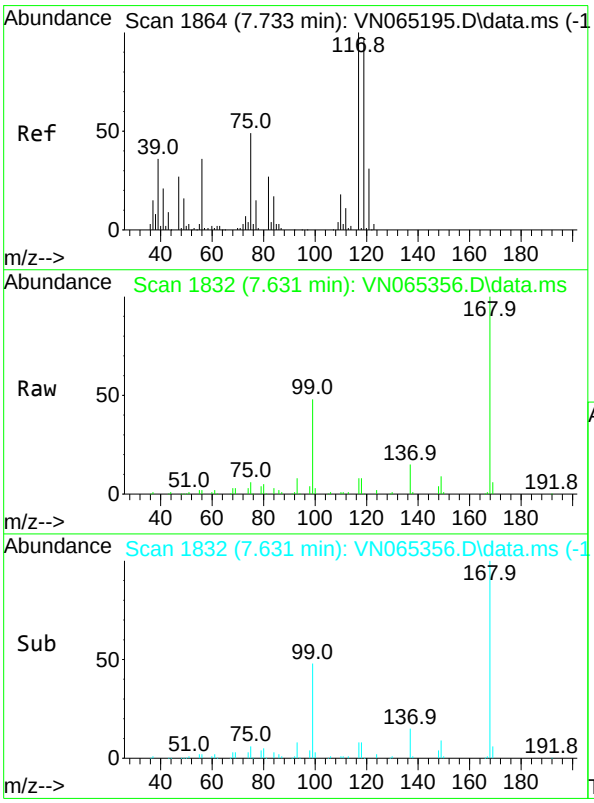
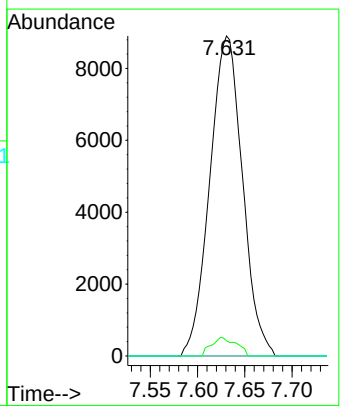


#38
Carbon Tetrachloride
Concen: 5.26 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. -0.102 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion:117 Resp: 21400

Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.7	115.1#
121	0.0	25.4	38.2#



Instrument :
MSVOA_N
ClientSampleId :
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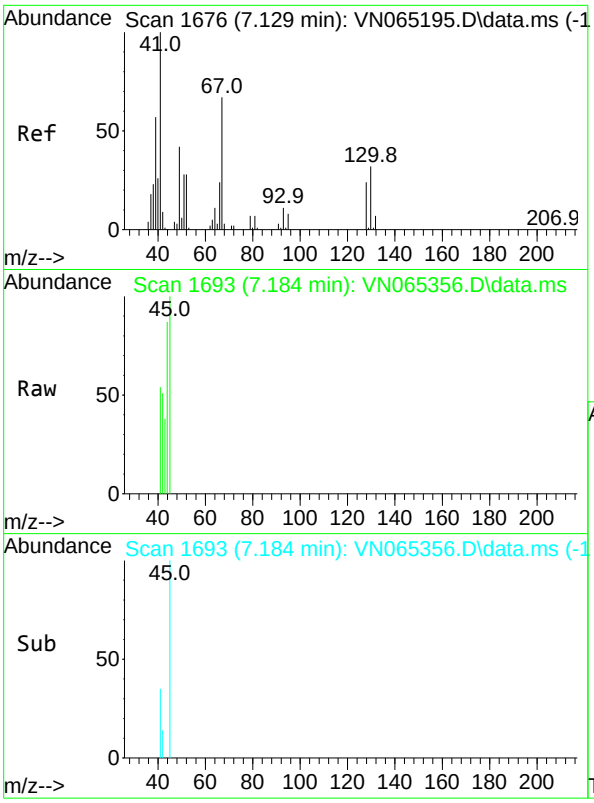
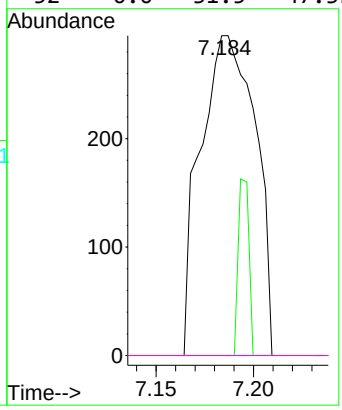
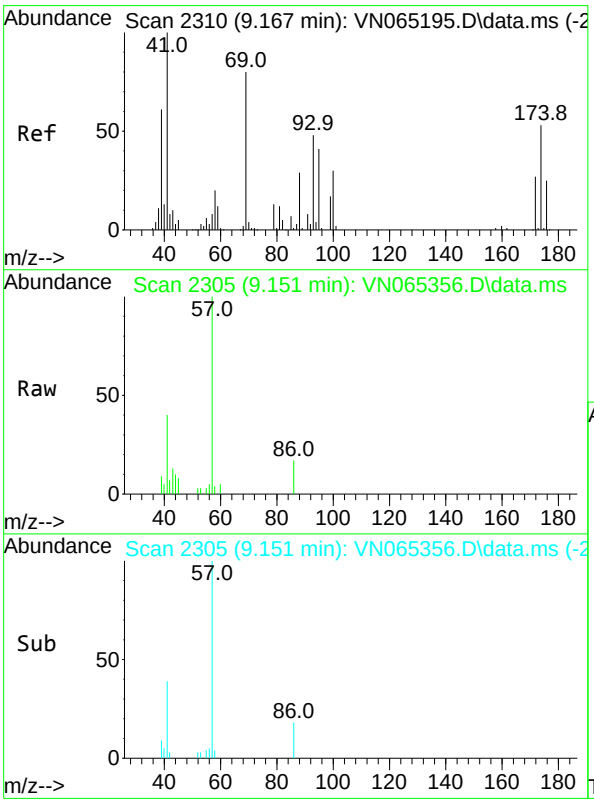


#41
Methacrylonitrile
Concen: 0.29 ug/l
RT: 7.184 min Scan# 1693
Delta R.T. 0.055 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 41 Resp: 577

Ion	Ratio	Lower	Upper
41	100		
39	10.7	51.0	76.6#
67	0.0	79.8	119.8#
52	0.0	31.5	47.3#

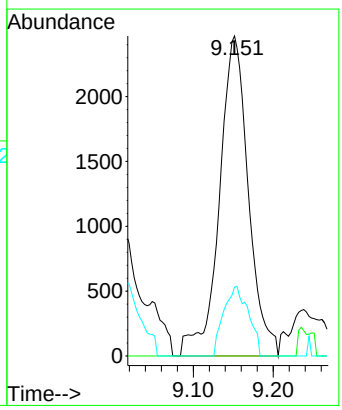


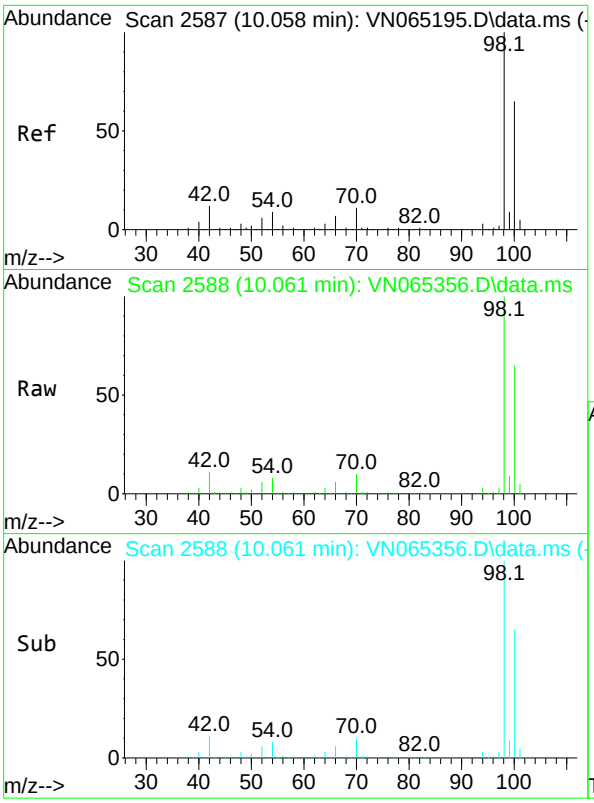


#48
Methyl methacrylate
Concen: 1.94 ug/l
RT: 9.151 min Scan# 2305
Delta R.T. -0.016 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 41 Resp: 6218

Ion	Ratio	Lower	Upper
41	100		
69	0.0	71.8	107.8#
39	18.5	44.1	66.1#

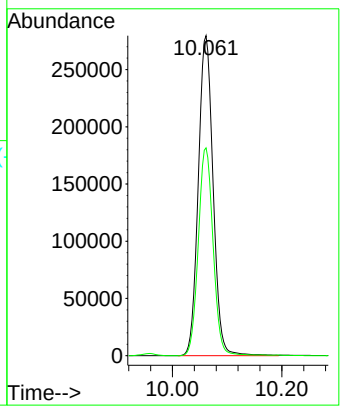




#50
Toluene-d8
Concen: 54.51 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 98 Resp: 524933

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.7	77.5



Instrument :
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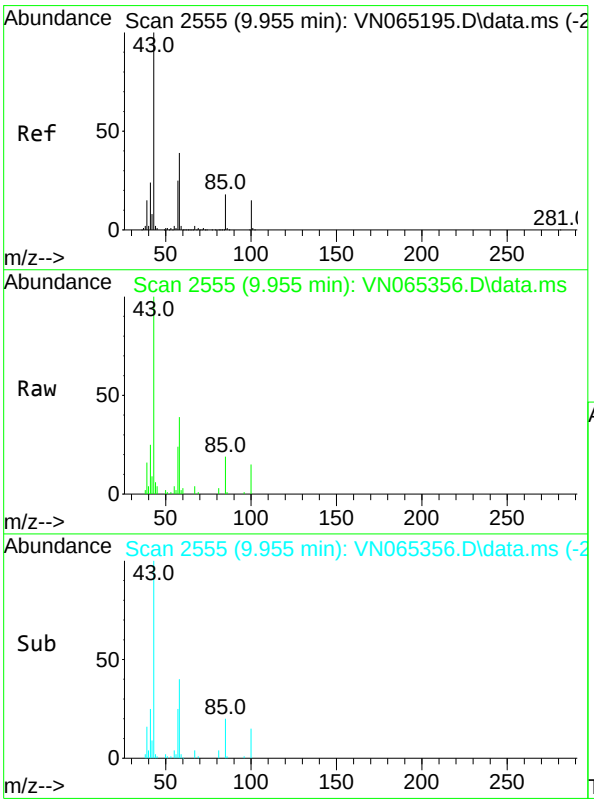
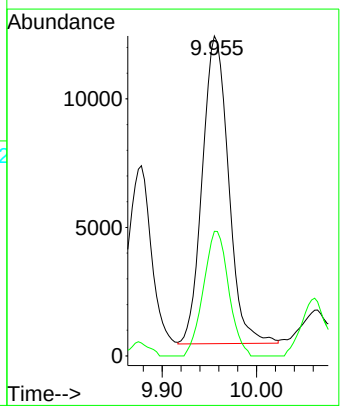


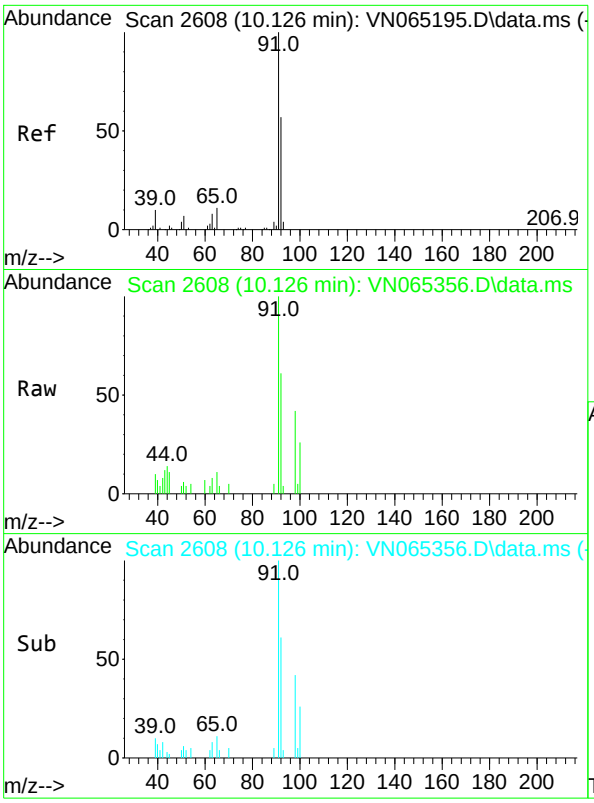
#51
4-Methyl-2-Pentanone
Concen: 6.19 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 43 Resp: 23033

Ion	Ratio	Lower	Upper
43	100		
58	38.9	32.4	48.6



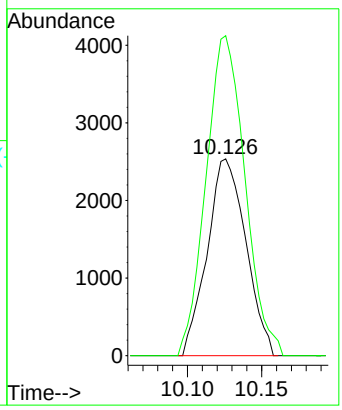
Instrument :
MSVOA_N
ClientSampleId :
JG-ENGINE-WASH

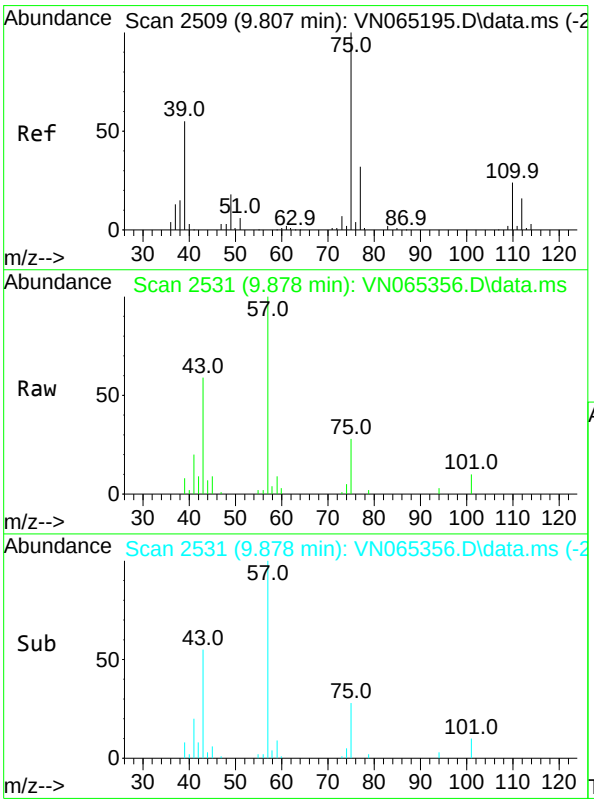


#52
Toluene
Concen: 0.63 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. -0.000 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 92 Resp: 4592

Ion	Ratio	Lower	Upper
92	100		
91	163.5	139.1	208.7

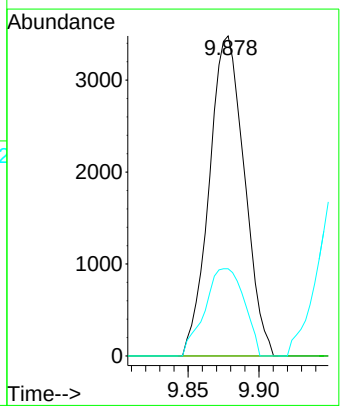




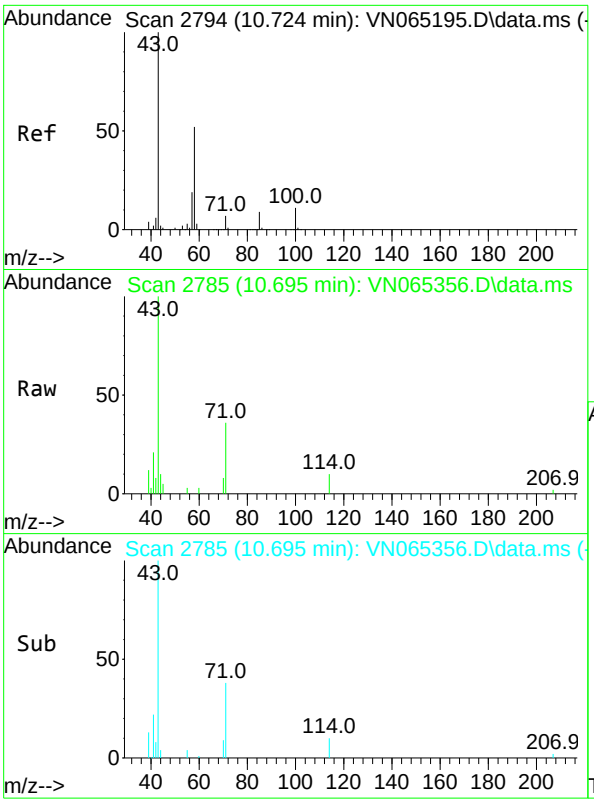
#54
cis-1,3-Dichloropropene
Concen: 1.17 ug/l
RT: 9.878 min Scan# 2531
Delta R.T. 0.071 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 75 Resp: 5999

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.5	38.3#
39	27.2	35.6	53.4#



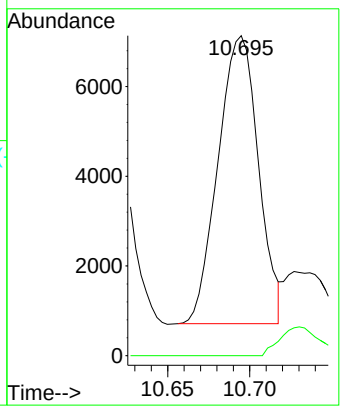
Instrument :
MSVOA_N
ClientSampleId :
JG-ENGINE-WASH

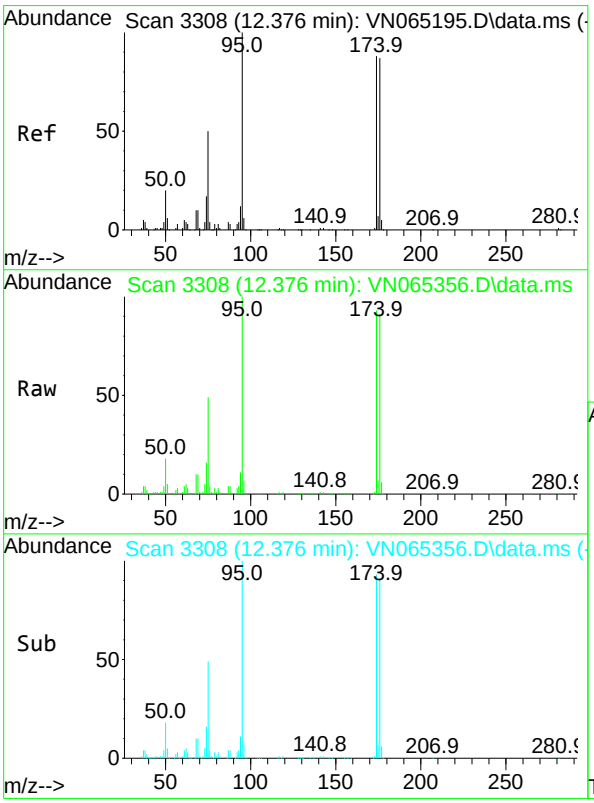


#59
2-Hexanone
Concen: 4.02 ug/l
RT: 10.695 min Scan# 2785
Delta R.T. -0.029 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 43 Resp: 10991

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.3	84.9#

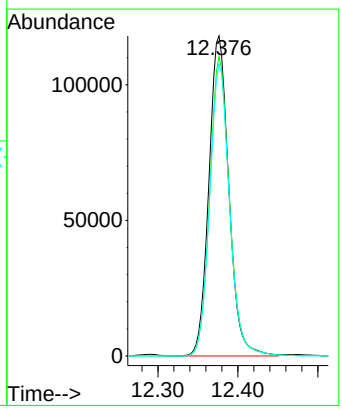




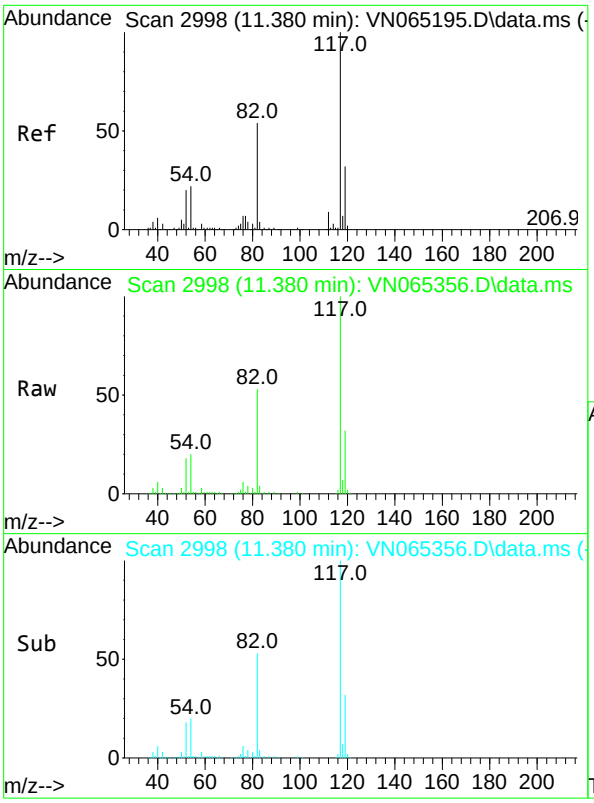
#62
4-Bromofluorobenzene
Concen: 53.42 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 95 Resp: 204941

Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	160.4
176	90.5	0.0	158.4



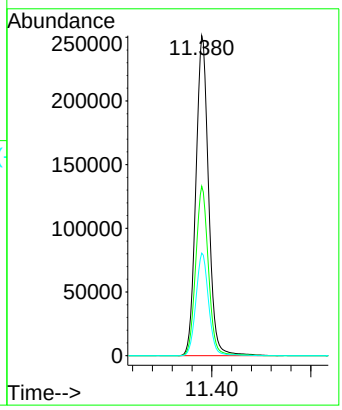
Instrument :
MSVOA_N
ClientSampleId :
JG-ENGINE-WASH

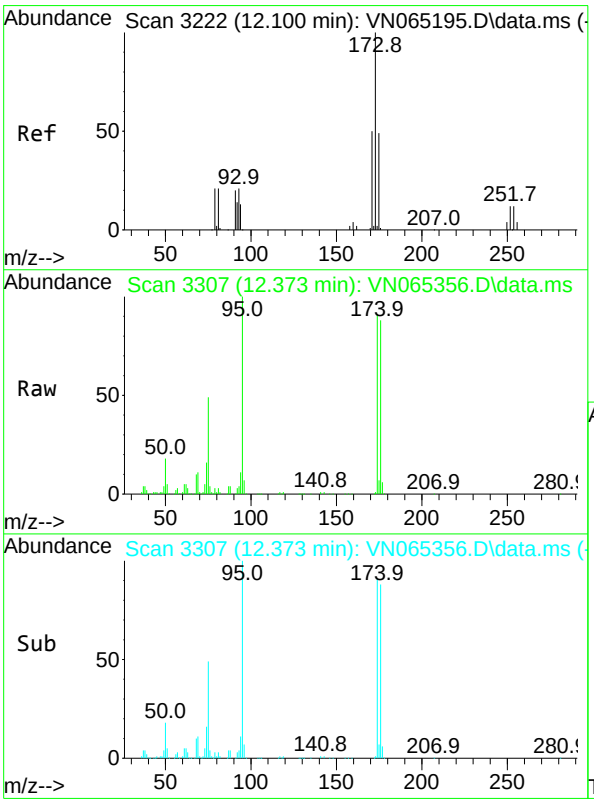


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion:117 Resp: 448011

Ion	Ratio	Lower	Upper
117	100		
82	52.9	44.2	66.2
119	32.0	25.8	38.6

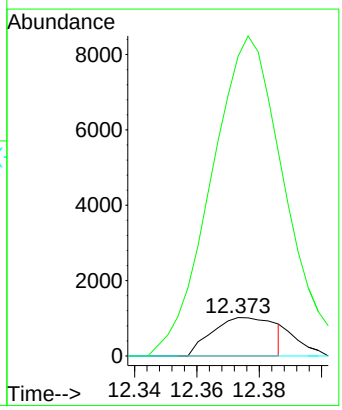




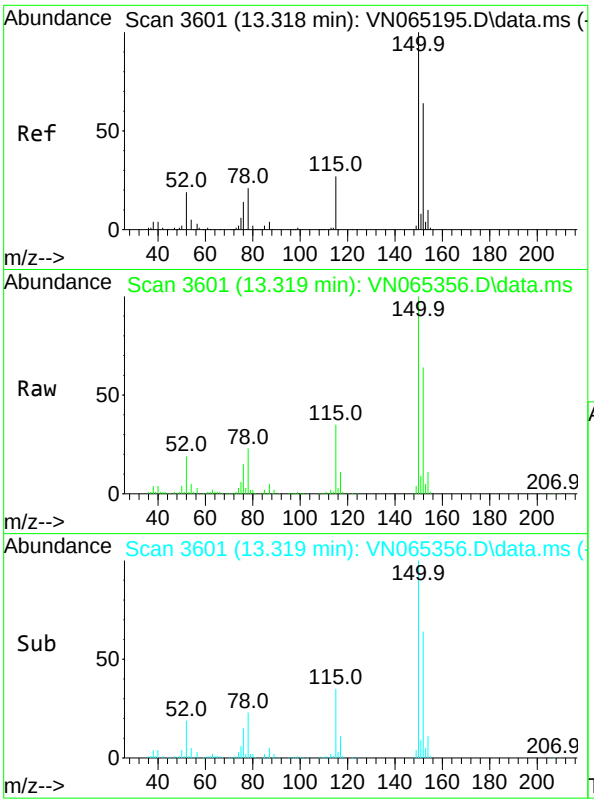
#71
Bromoform
Concen: 0.47 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.273 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion:173 Resp: 1421

Ion	Ratio	Lower	Upper
173	100		
175	819.4	24.3	72.8#
254	0.0	0.0	0.0



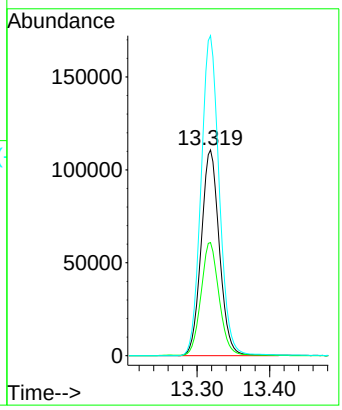
Instrument :
MSVOA_N
ClientSampleId :
JG-ENGINE-WASH

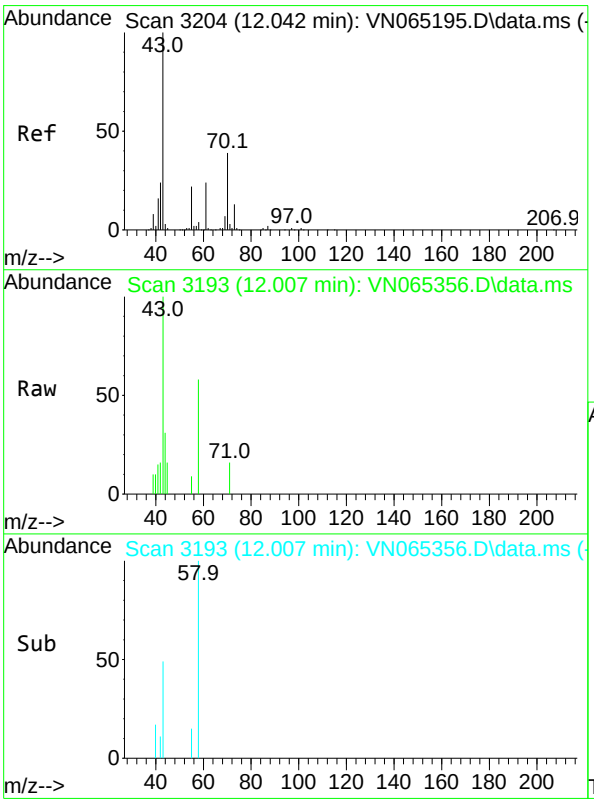


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.319 min Scan# 3601
Delta R.T. 0.001 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion:152 Resp: 192856

Ion	Ratio	Lower	Upper
152	100		
115	55.1	29.7	89.1
150	155.9	0.0	350.6

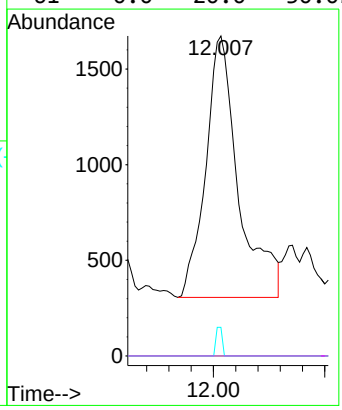


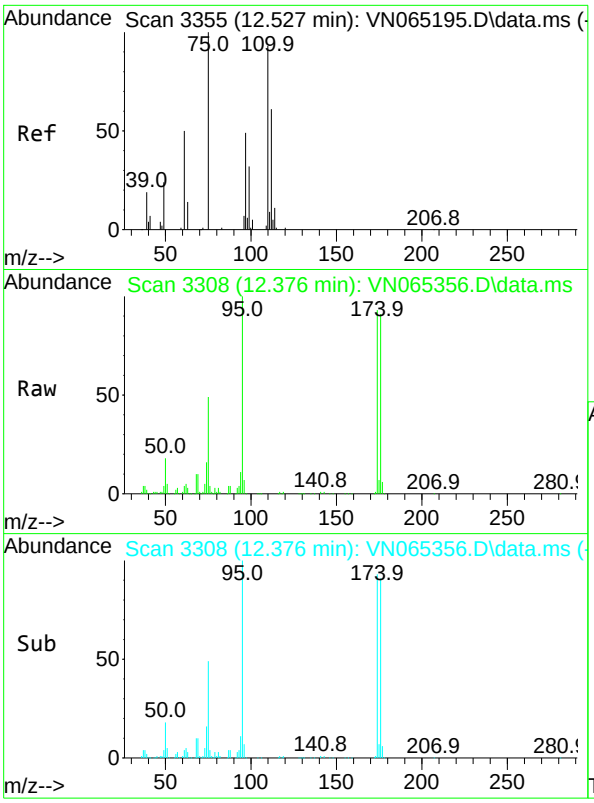


#74
N-amyl acetate
Concen: 0.48 ug/l
RT: 12.007 min Scan# 3193
Delta R.T. -0.035 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 43 Resp: 2801

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

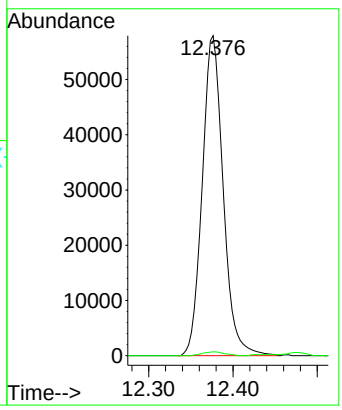




#76
1,2,3-Trichloropropane
Concen: 25.50 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 75 Resp: 100314

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



Instrument :
MSVOA_N
ClientSampleId :
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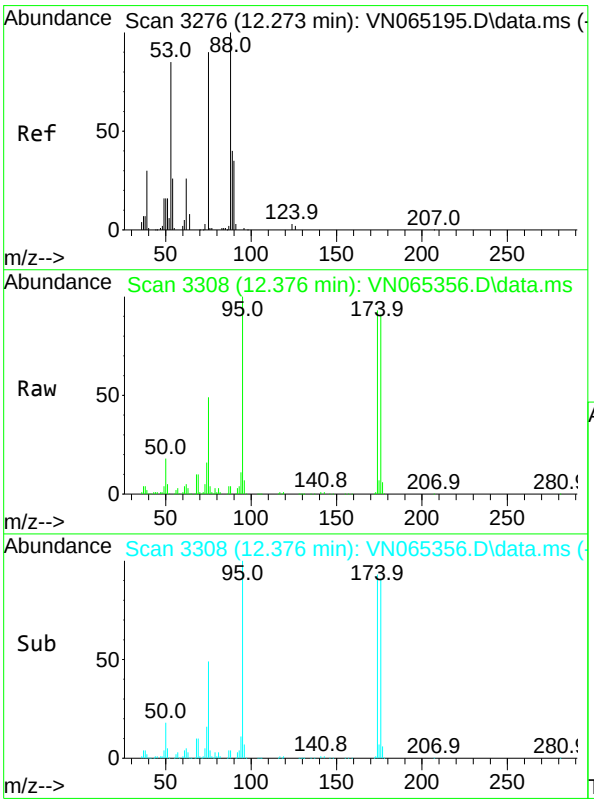
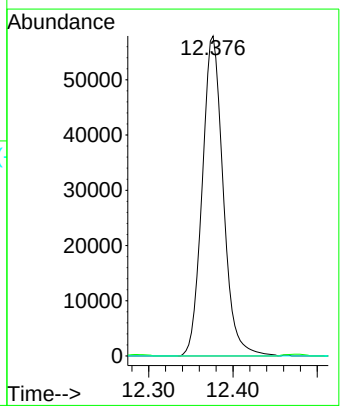


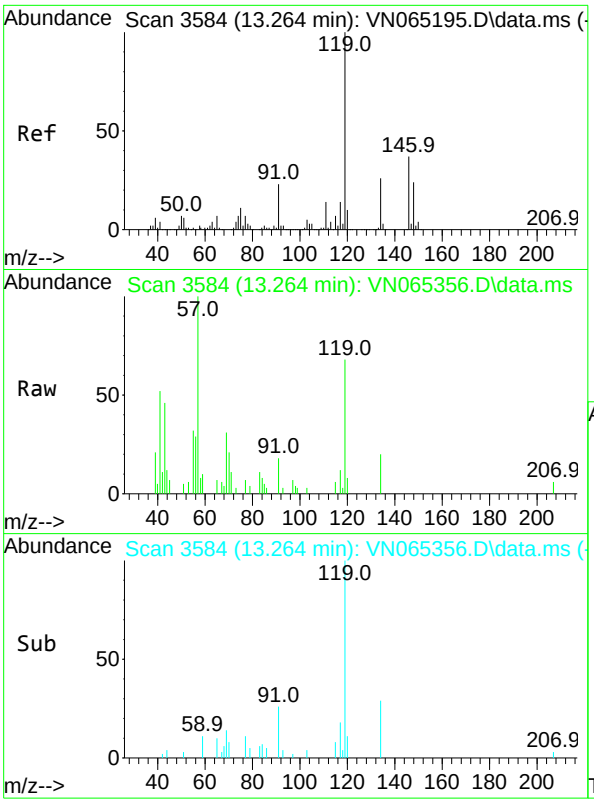
#81
trans-1,4-Dichloro-2-butene
Concen: 64.29 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 75 Resp: 100314

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



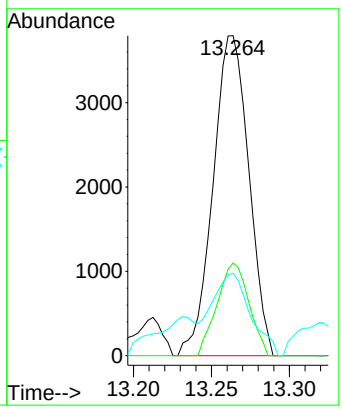
Instrument :
MSVOA_N
ClientSampleId :
JG-ENGINE-WASH

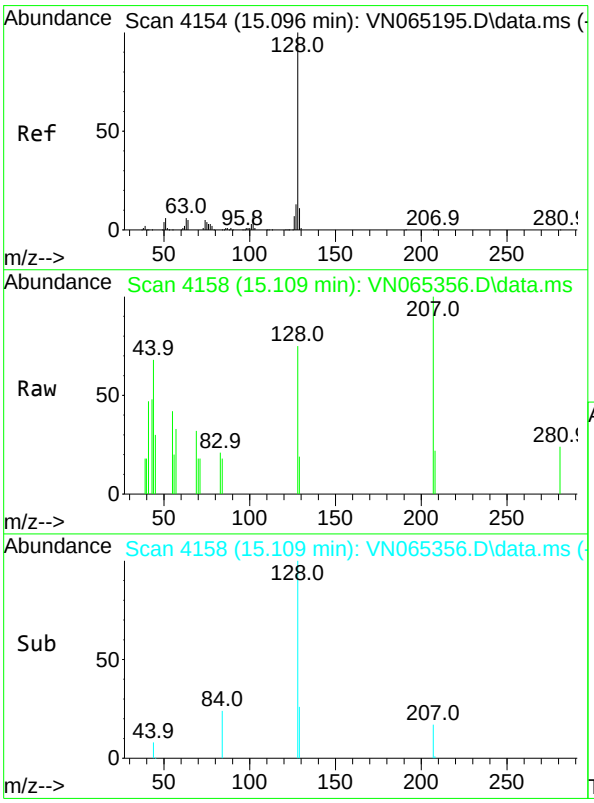


#86
p-Isopropyltoluene
Concen: 0.47 ug/l
RT: 13.264 min Scan# 3584
Delta R.T. -0.000 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion:119 Resp: 6047

Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.1	39.1
91	27.9	11.5	34.5





#95
Naphthalene
Concen: 3.48 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.013 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion:128 Resp: 1209

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	5.3	8.7	13.1#