Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123120\
Data File : VN065350.D
Acq On : 31 Dec 2020 17:09
Operator : JC/MD
Sample : PB133875ZHE#24
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB133875ZHE#24

Quant Time: Jan 01 01:51:53 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	260085	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.553	114	436314	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.380	117	473922	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.319	152	191127	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.994	65	149156	50.80	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.60%				
35) Dibromofluoromethane	7.557	113	132478	50.33	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.66%				
50) Toluene-d8	10.061	98	550786	55.83	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 111.66%				
62) 4-Bromofluorobenzene	12.376	95	214652	54.50	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.00%				
Target Compounds							Qvalue
11) Tert butyl alcohol	4.689	59	195	0.41	ug/l	#	73
13) Acrolein	3.573	56	94	2.70	ug/l	#	11
16) Acetone	3.792	43	11464	Below Cal			94
18) Methyl Acetate	4.303	43	2232	0.85	ug/l	#	55
20) Methylene Chloride	4.512	84	6148	2.15	ug/l	#	88
25) 2-Butanone	6.804	43	1558	0.95	ug/l	#	49
29) Tetrahydrofuran	7.177	42	1143	1.07	ug/l	#	59
31) Cyclohexane	7.631	56	4231	0.98	ug/l	#	1
36) 1,1-Dichloropropene	7.631	75	16553	4.17	ug/l	#	49
38) Carbon Tetrachloride	7.631	117	22067	5.30	ug/l	#	16
43) Isopropyl Acetate	8.135	43	26770	3.95	ug/l		95
45) 1,2-Dichloropropane	9.241	63	1717	0.56	ug/l	#	43
48) Methyl methacrylate	9.148	41	6536	1.99	ug/l	#	12
51) 4-Methyl-2-Pentanone	9.955	43	6021	1.58	ug/l		88
54) cis-1,3-Dichloropropene	9.875	75	49282	9.37	ug/l	#	61
57) 1,3-Dichloropropane	10.737	76	27462	5.65	ug/l	#	42
59) 2-Hexanone	10.737	43	377232	134.66	ug/l	#	49
71) Bromoform	12.376	173	1311	0.41	ug/l	#	1
74) N-amyl acetate	11.852	43	18834	3.25	ug/l	#	51
76) 1,2,3-Trichloropropane	12.376	75	103875	26.64	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.708	105	7858	0.63	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.376	75	103875	67.17	ug/l	#	15

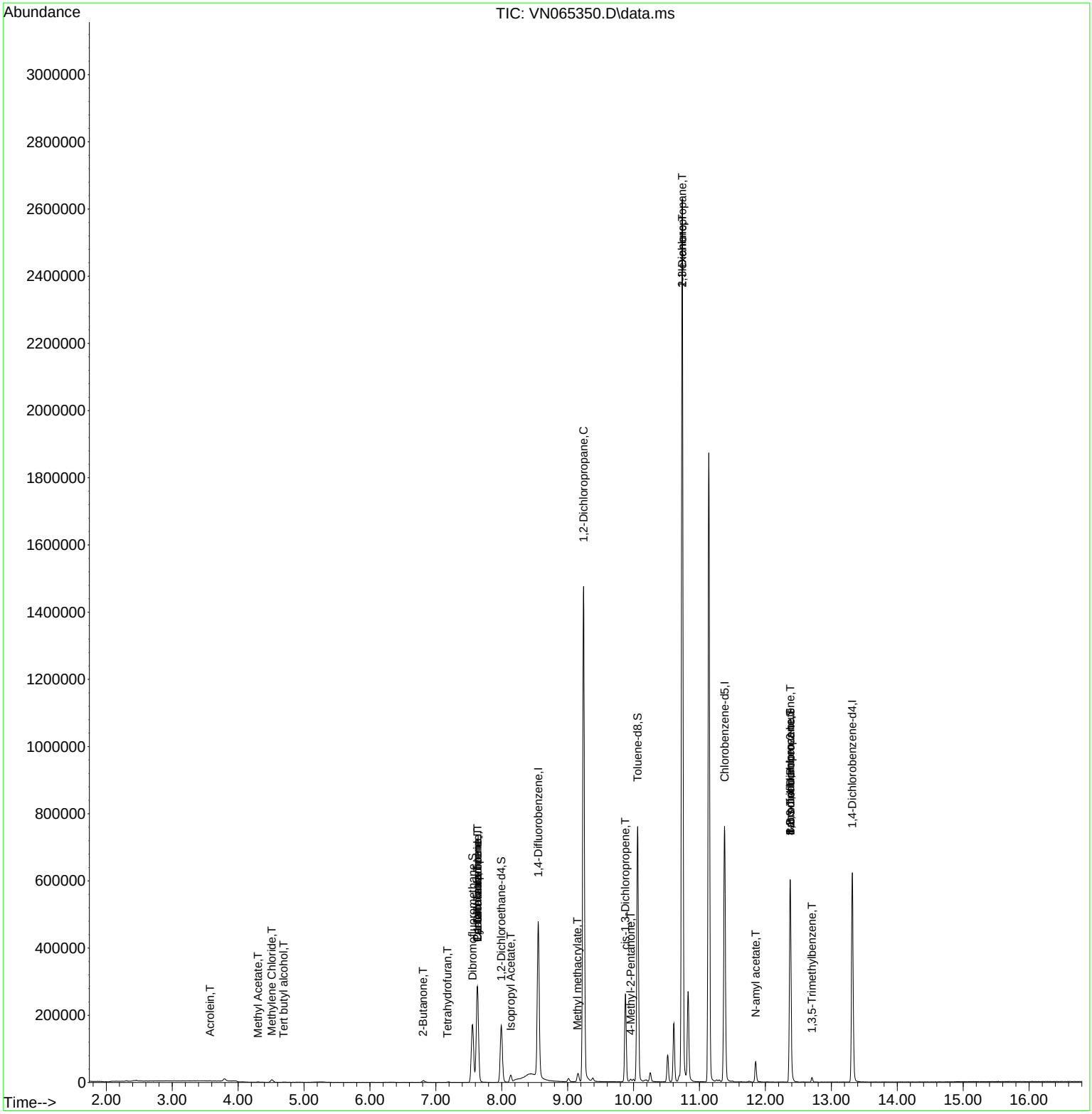
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

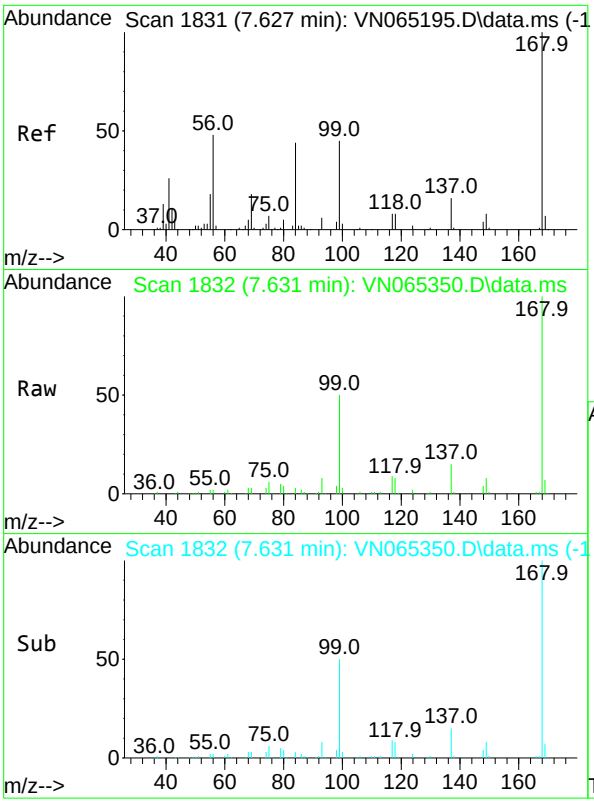
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123120\
Data File : VN065350.D
Acq On : 31 Dec 2020 17:09
Operator : JC/MD
Sample : PB133875ZHE#24
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB133875ZHE#24

Quant Time: Jan 01 01:51:53 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



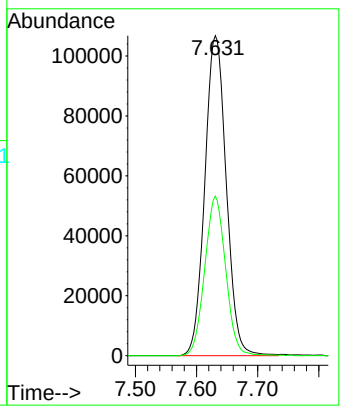
Instrument :
MSVOA_N
ClientSampleId :
PB133875ZHE#24

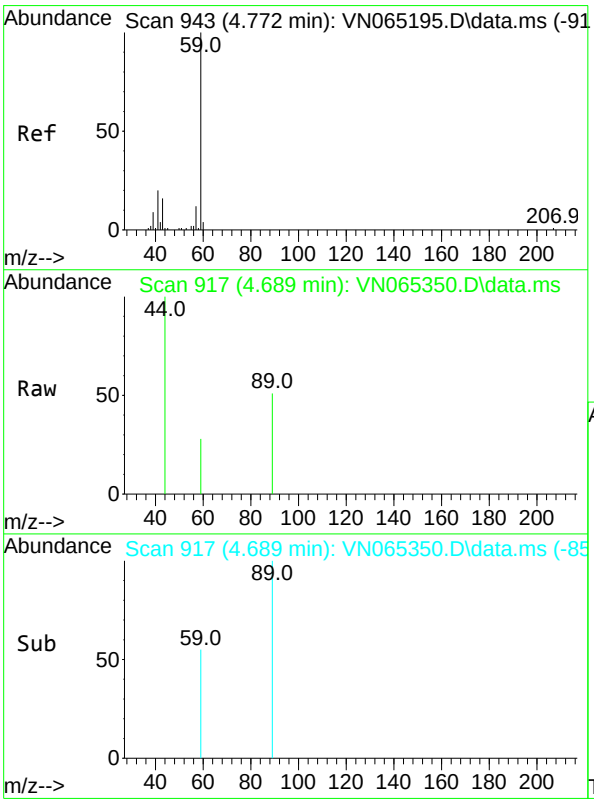


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion:168 Resp: 260085

Ion	Ratio	Lower	Upper
168	100		
99	49.8	43.0	64.4

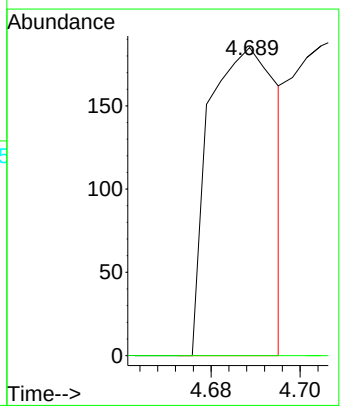


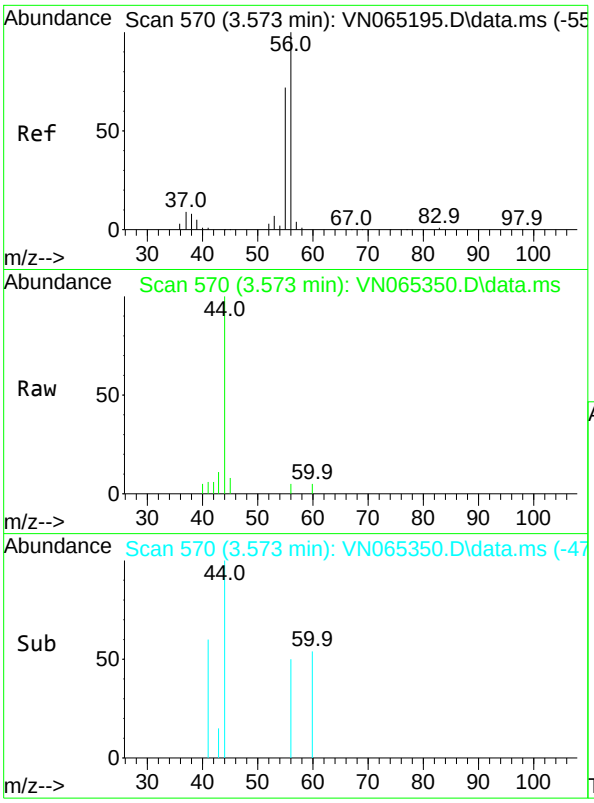


#11
Tert butyl alcohol
Concen: 0.41 ug/l
RT: 4.689 min Scan# 917
Delta R.T. -0.083 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 59 Resp: 195

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#

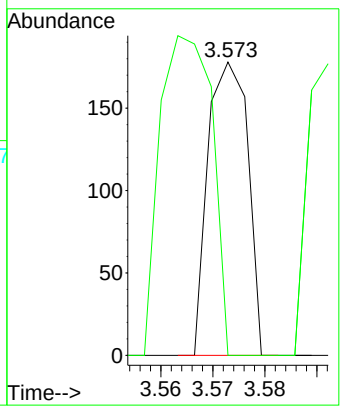




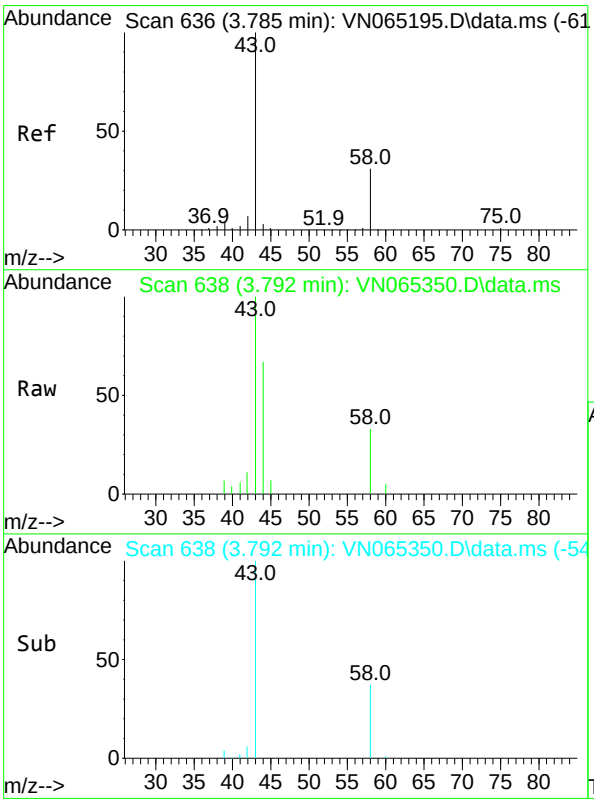
#13
Acrolein
Concen: 2.70 ug/l
RT: 3.573 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 56 Resp: 94

Ion	Ratio	Lower	Upper
56	100		
55	143.6	56.5	84.7#



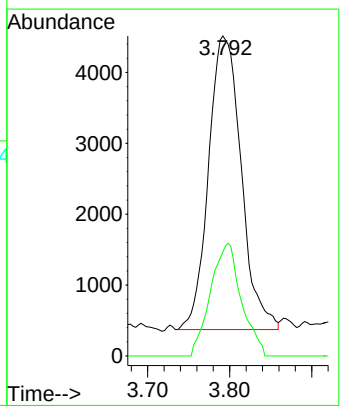
Instrument :
MSVOA_N
ClientSampleId :
PB133875ZHE#24



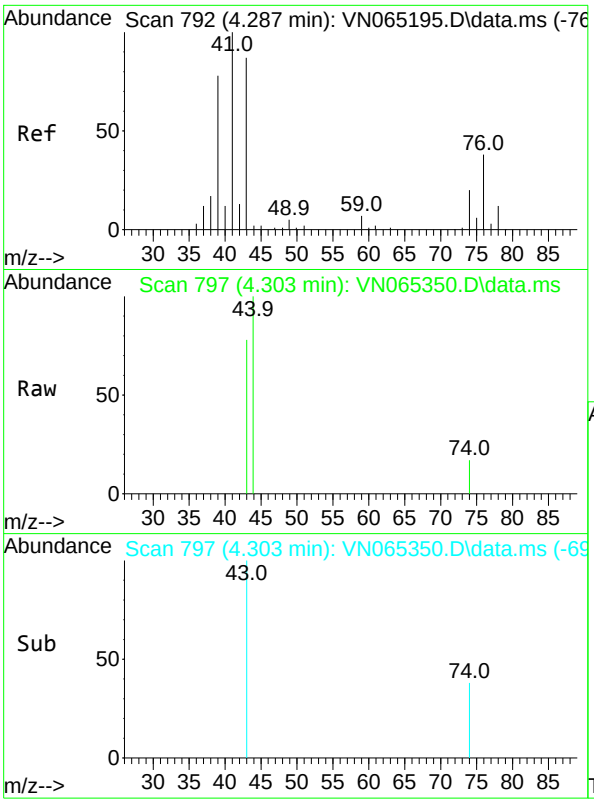
#16
Acetone
Concen: Below Cal
RT: 3.792 min Scan# 638
Delta R.T. 0.007 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 43 Resp: 11464

Ion	Ratio	Lower	Upper
43	100		
58	35.5	25.7	38.5



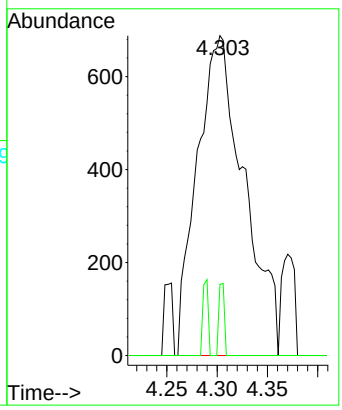
Instrument :
MSVOA_N
ClientSampleId :
PB133875ZHE#24

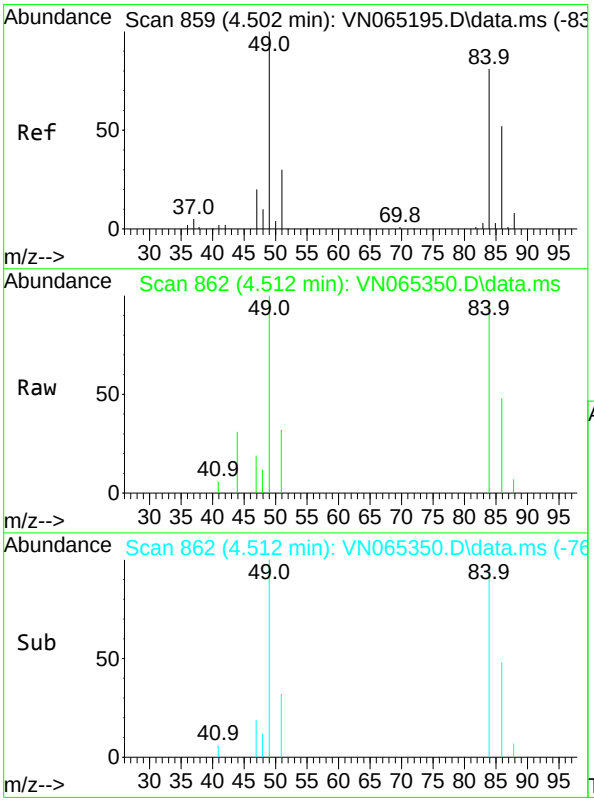


#18
Methyl Acetate
Concen: 0.85 ug/l
RT: 4.303 min Scan# 797
Delta R.T. 0.016 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 43 Resp: 2232

Ion	Ratio	Lower	Upper
43	100		
74	2.6	20.2	30.2#

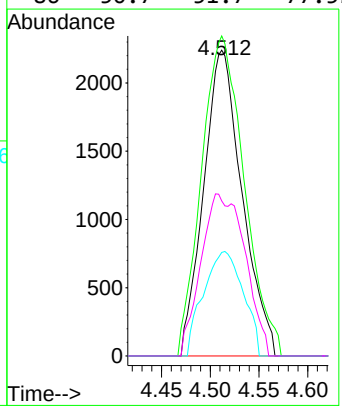


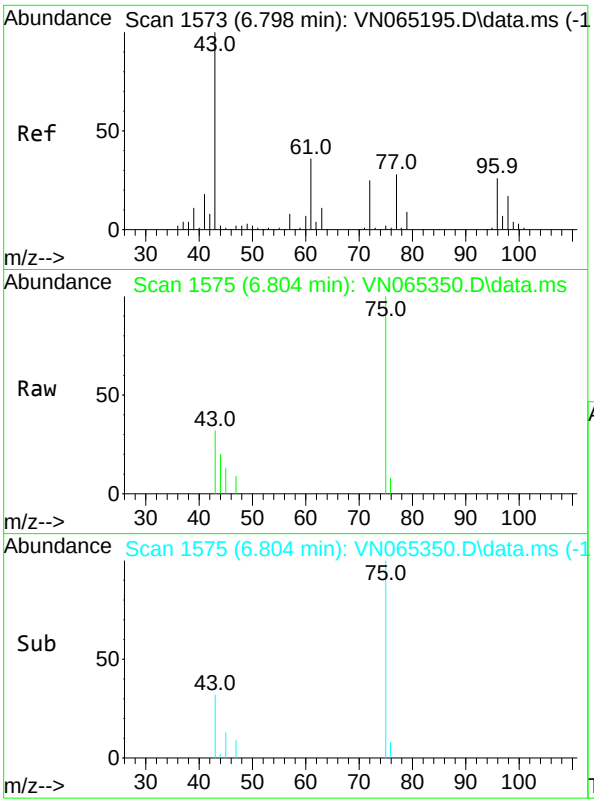


#20
Methylene Chloride
Concen: 2.15 ug/l
RT: 4.512 min Scan# 862
Delta R.T. 0.010 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 84 Resp: 6148

Ion	Ratio	Lower	Upper
84	100		
49	104.6	93.4	140.0
51	33.8	28.2	42.4
86	50.7	51.7	77.5#

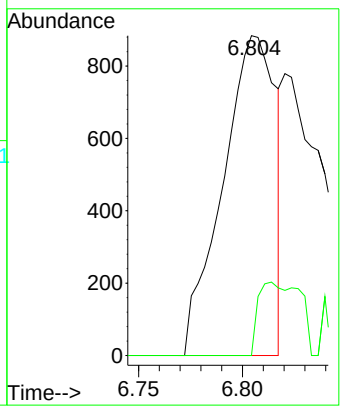




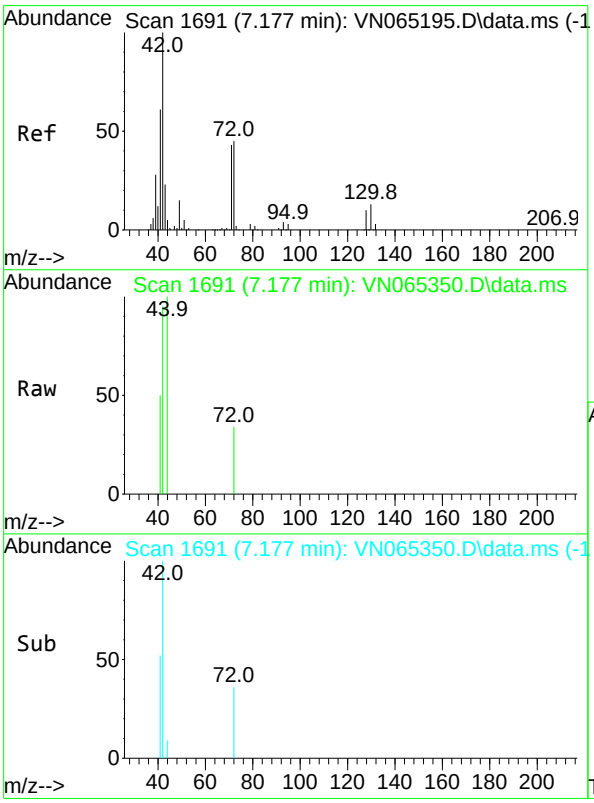
#25
2-Butanone
Concen: 0.95 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 43 Resp: 1558

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.6#



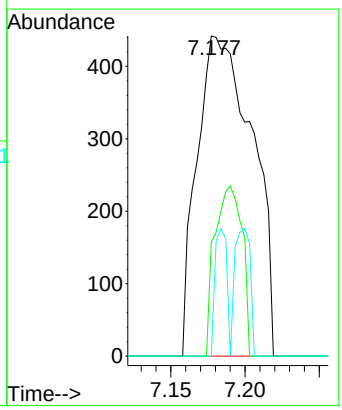
Instrument :
MSVOA_N
ClientSampleId :
PB133875ZHE#24



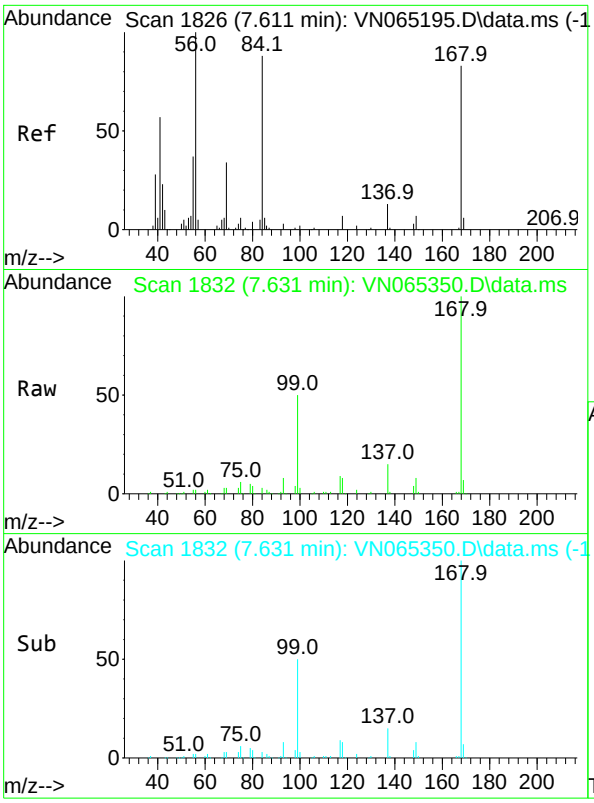
#29
Tetrahydrofuran
Concen: 1.07 ug/l
RT: 7.177 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 42 Resp: 1143

Ion	Ratio	Lower	Upper
42	100		
72	26.3	36.6	54.8#
71	8.4	33.6	50.4#



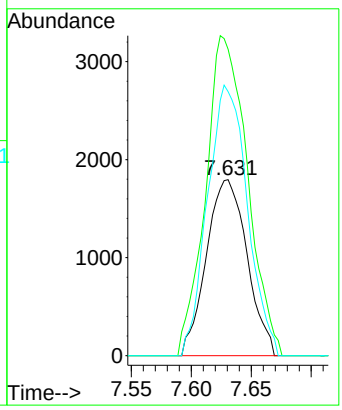
Instrument :
MSVOA_N
ClientSampleId :
PB133875ZHE#24

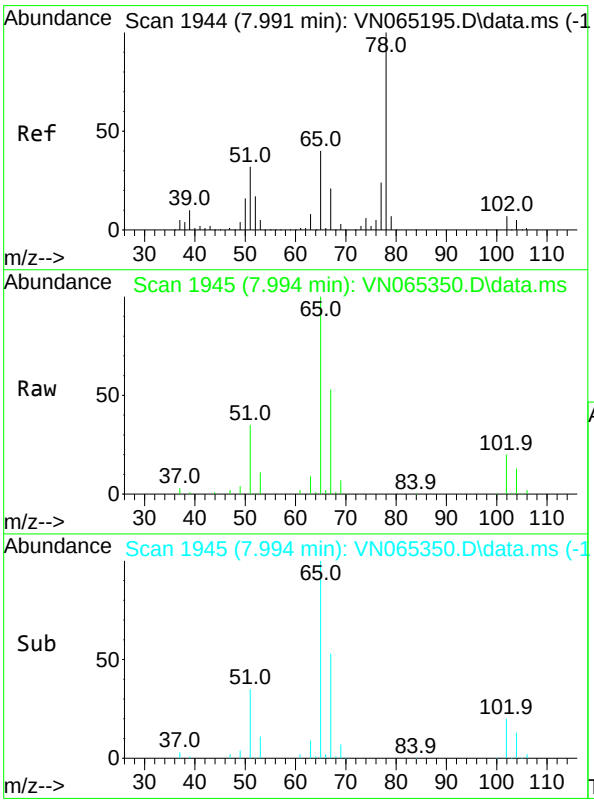


#31
Cyclohexane
Concen: 0.98 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.020 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 56 Resp: 4231

Ion	Ratio	Lower	Upper
56	100		
69	174.2	27.5	41.3#
84	150.0	73.9	110.9#

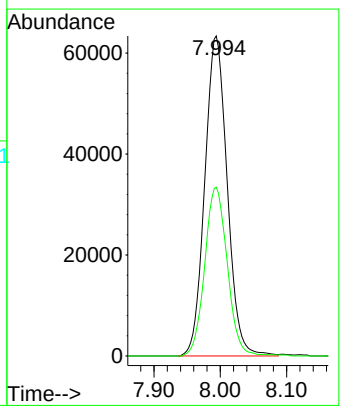


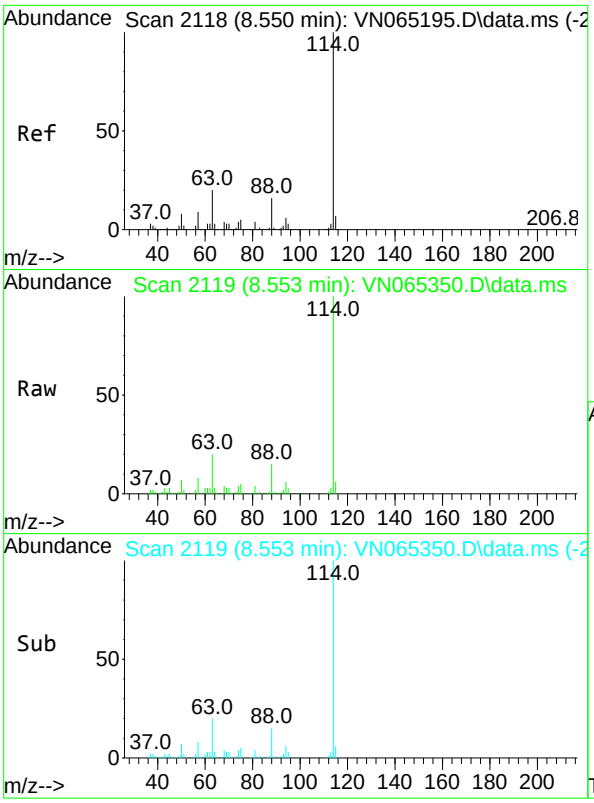


#33
1,2-Dichloroethane-d4
Concen: 50.80 ug/l
RT: 7.994 min Scan# 1945
Delta R.T. 0.003 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 65 Resp: 149156

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	108.2

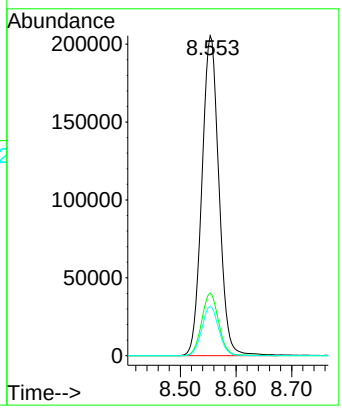




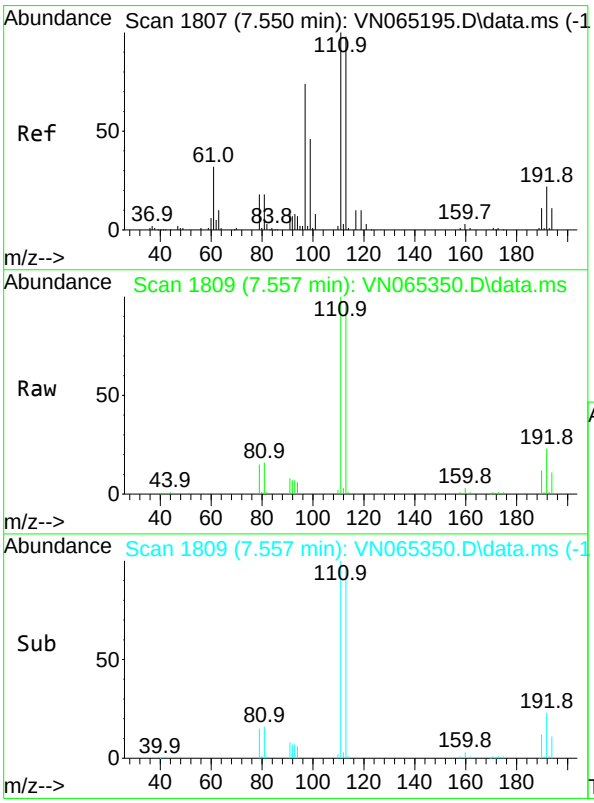
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion:114 Resp: 436314

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.6
88	15.4	0.0	32.6



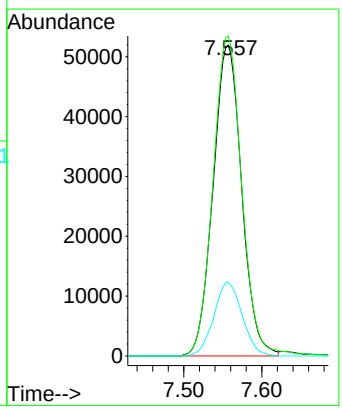
Instrument :
MSVOA_N
ClientSampleId :
PB133875ZHE#24

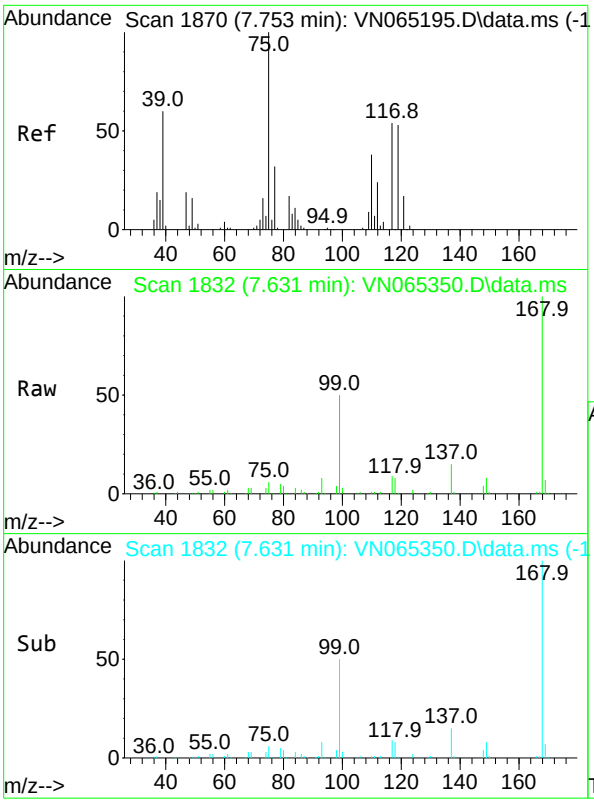


#35
Dibromofluoromethane
Concen: 50.33 ug/l
RT: 7.557 min Scan# 1809
Delta R.T. 0.007 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion:113 Resp: 132478

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.6	122.4
192	23.5	16.2	24.2

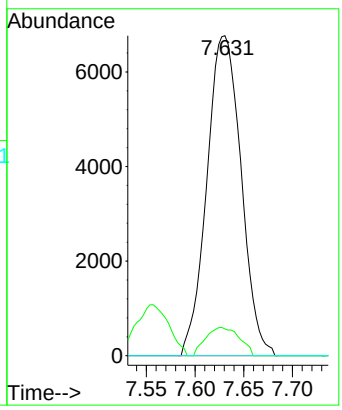




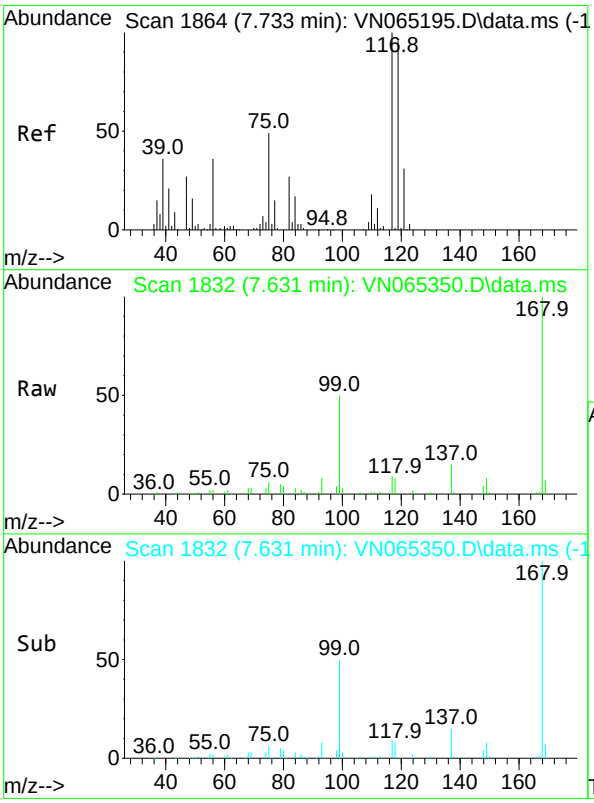
#36
1,1-Dichloropropene
Concen: 4.17 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. -0.122 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 75 Resp: 16553

Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.8	53.3#
77	0.0	25.0	37.4#



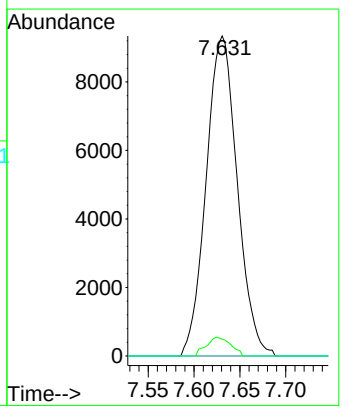
Instrument :
MSVOA_N
ClientSampleId :
PB133875ZHE#24

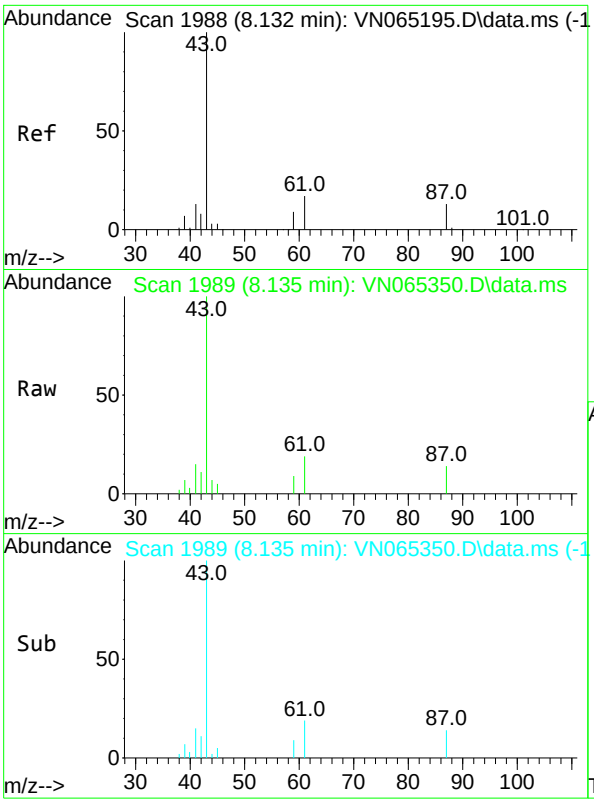


#38
Carbon Tetrachloride
Concen: 5.30 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. -0.102 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion:117 Resp: 22067

Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.7	115.1#
121	0.0	25.4	38.2#

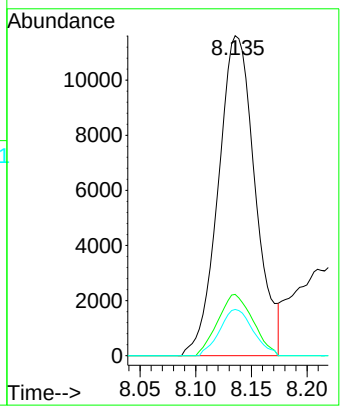




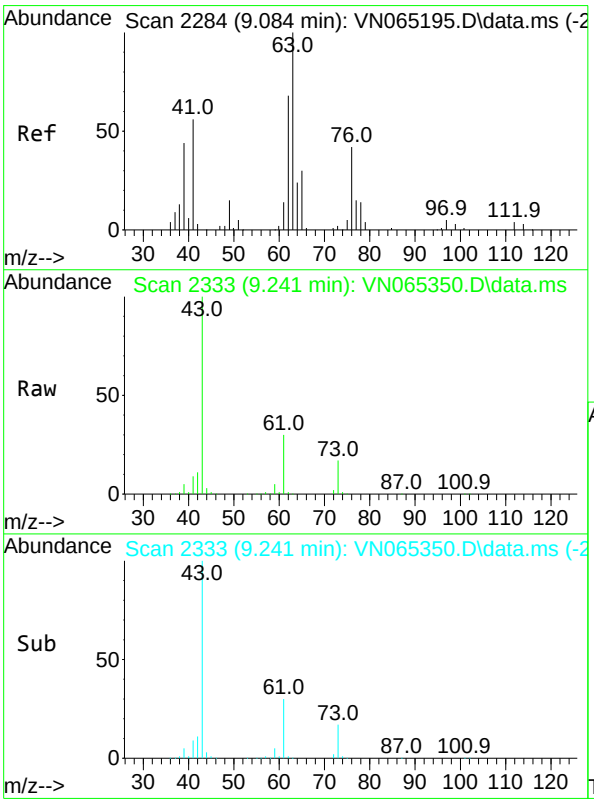
#43
Isopropyl Acetate
Concen: 3.95 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 43 Resp: 26770

Ion	Ratio	Lower	Upper
43	100		
61	18.2	17.2	25.8
87	13.1	11.4	17.0



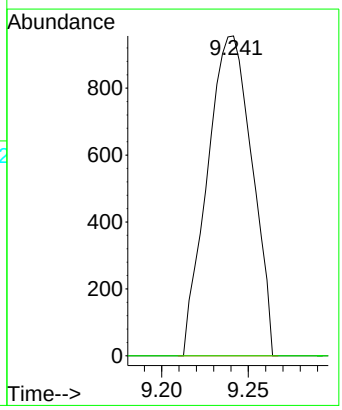
Instrument :
MSVOA_N
ClientSampleId :
PB133875ZHE#24

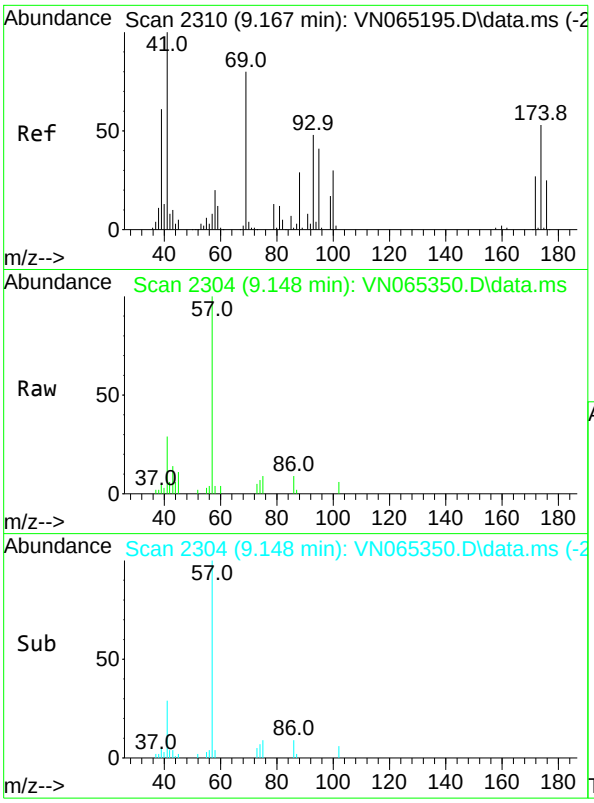


#45
1,2-Dichloropropane
Concen: 0.56 ug/l
RT: 9.241 min Scan# 2333
Delta R.T. 0.157 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 63 Resp: 1717

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#

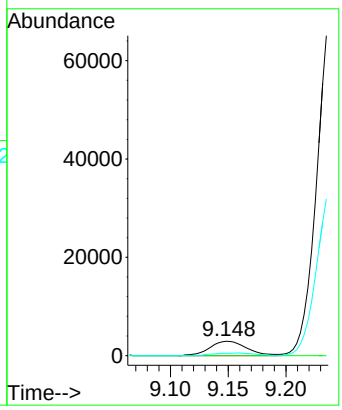




#48
Methyl methacrylate
Concen: 1.99 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 41 Resp: 6536

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



Instrument :
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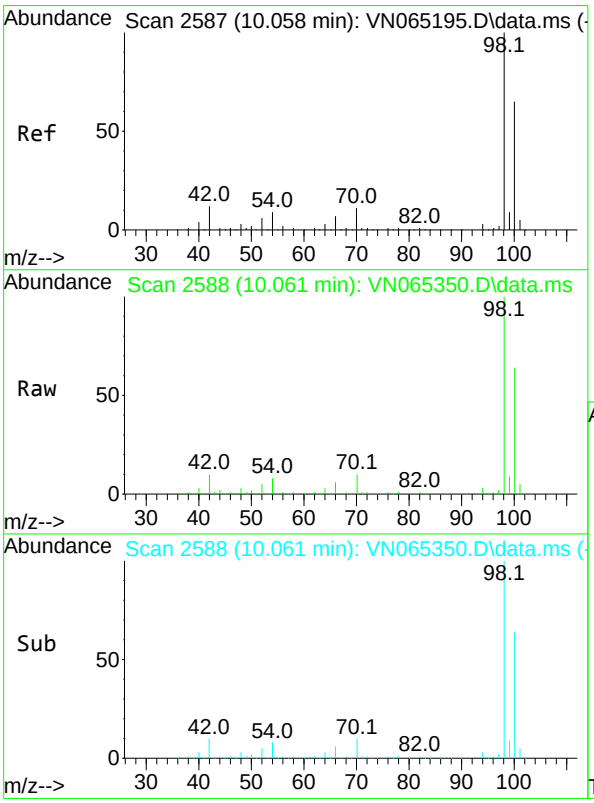
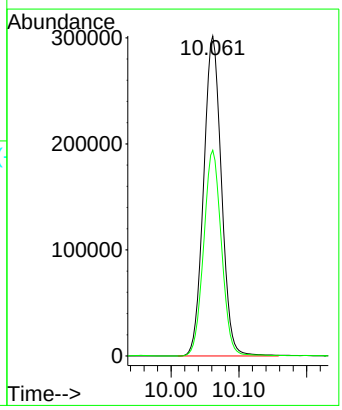
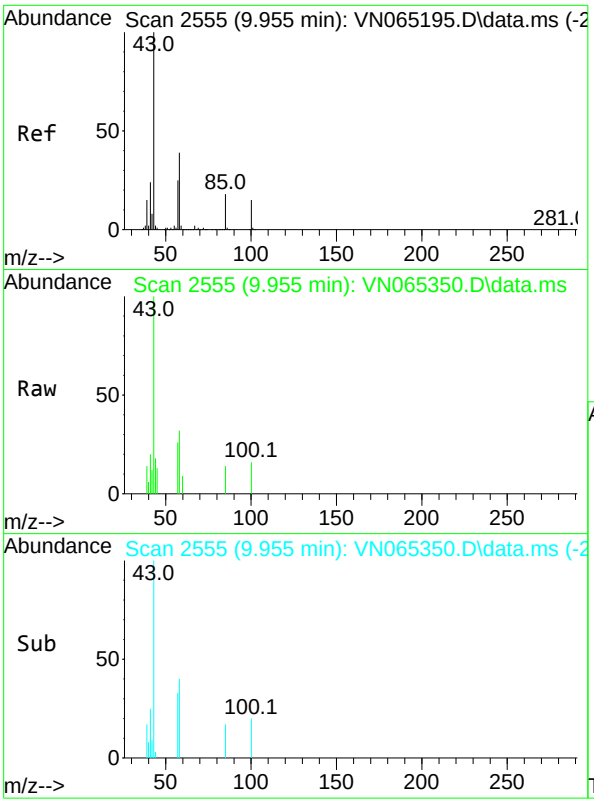


#50
Toluene-d8
Concen: 55.83 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 98 Resp: 550786

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.7	77.5

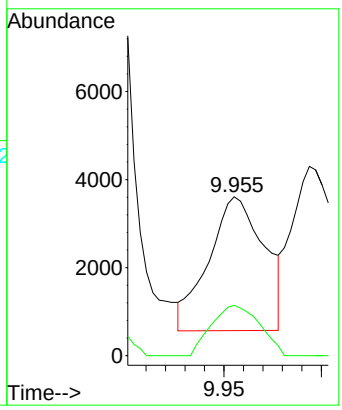




#51
4-Methyl-2-Pentanone
Concen: 1.58 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 43 Resp: 6021

Ion	Ratio	Lower	Upper
43	100		
58	32.8	32.4	48.6



Instrument :
MSVOA_N
ClientSampleId :
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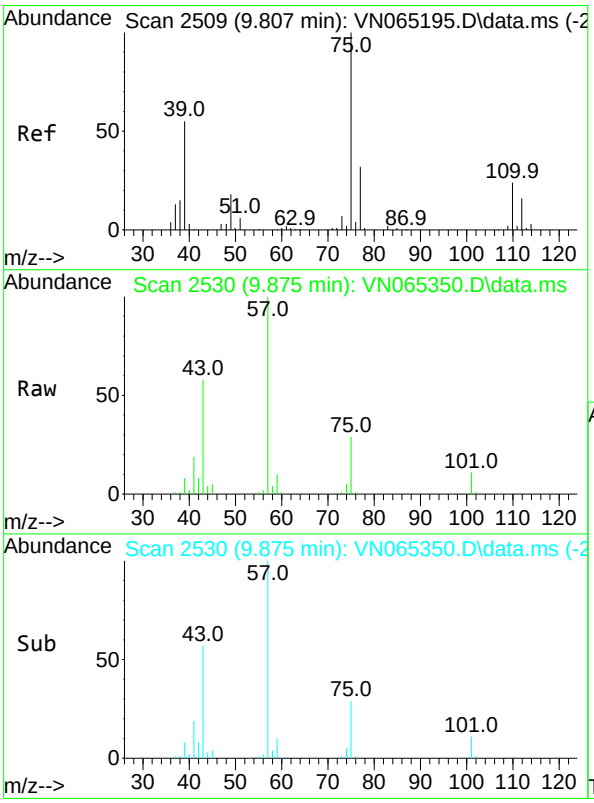
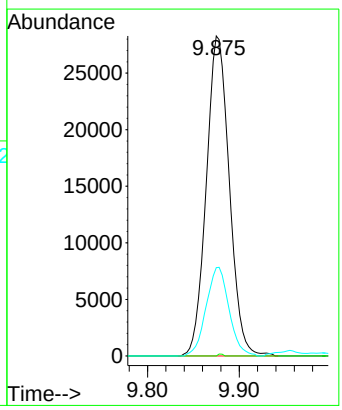
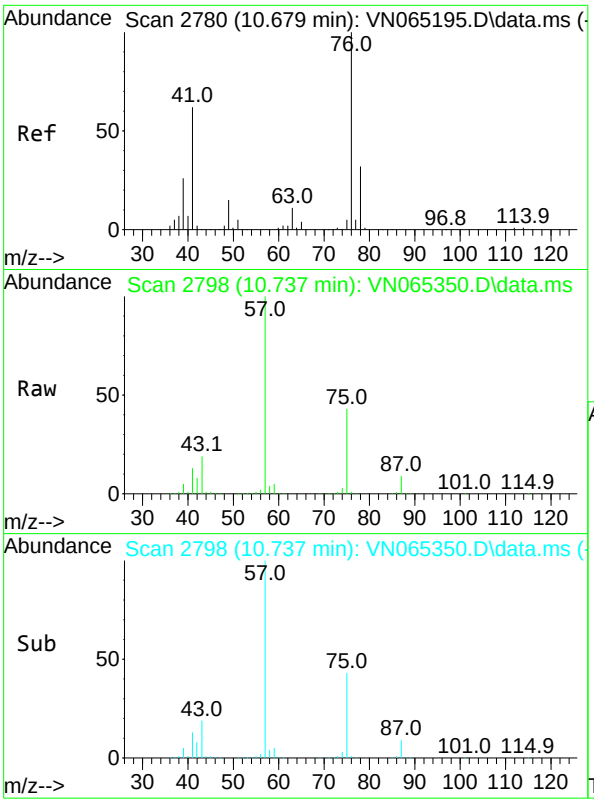


#54
cis-1,3-Dichloropropene
Concen: 9.37 ug/l
RT: 9.875 min Scan# 2530
Delta R.T. 0.068 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 75 Resp: 49282

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.5	38.3#
39	27.6	35.6	53.4#

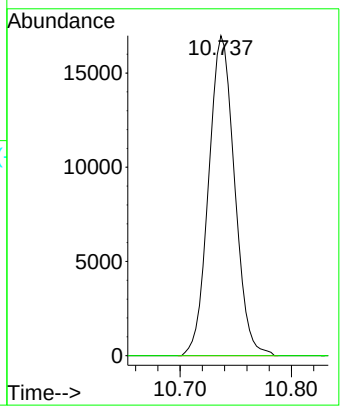




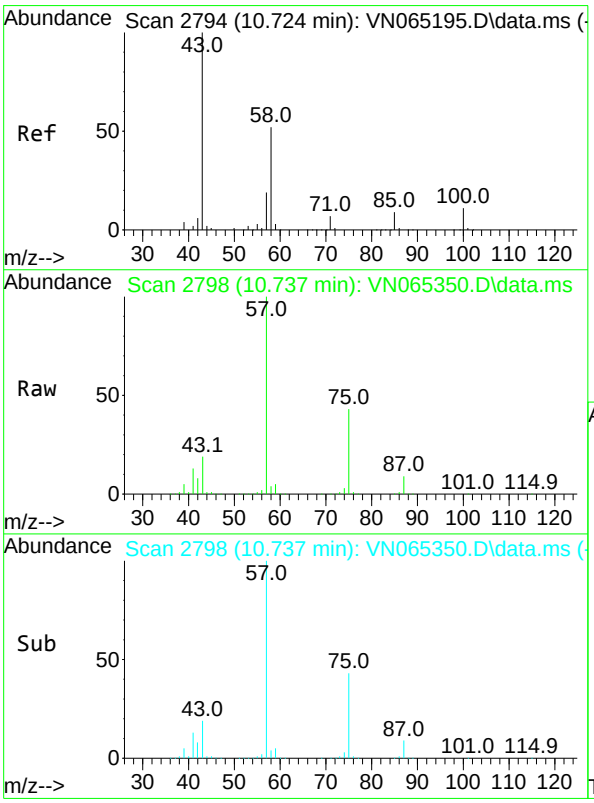
#57
1,3-Dichloropropane
Concen: 5.65 ug/l
RT: 10.737 min Scan# 2798
Delta R.T. 0.058 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 76 Resp: 27462

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.1	39.1#



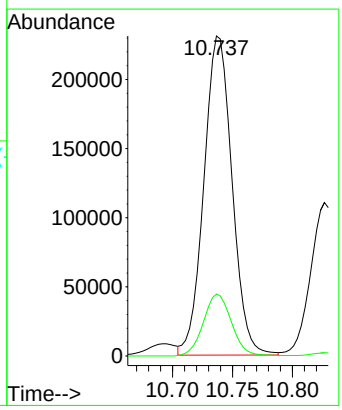
Instrument :
MSVOA_N
ClientSampleId :
PB133875ZHE#24



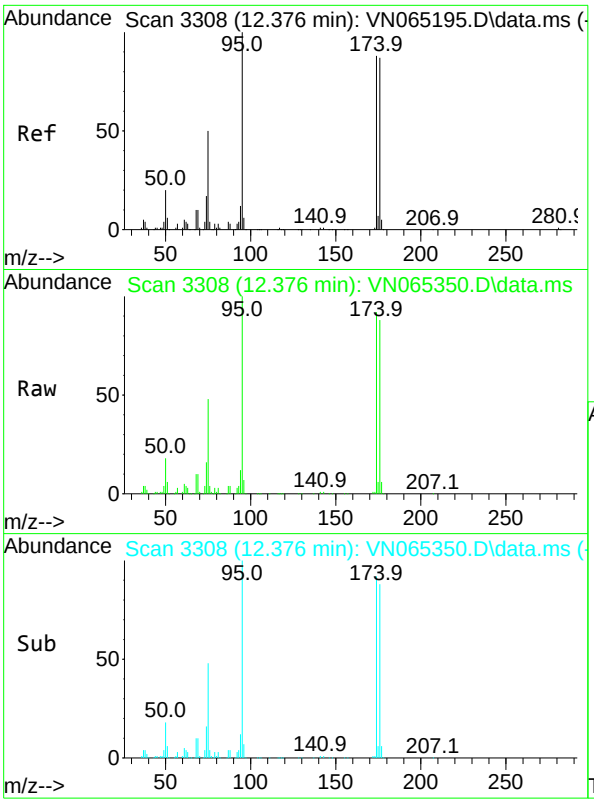
#59
2-Hexanone
Concen: 134.66 ug/l
RT: 10.737 min Scan# 2798
Delta R.T. 0.013 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 43 Resp: 377232

Ion	Ratio	Lower	Upper
43	100		
58	19.4	28.3	84.9#



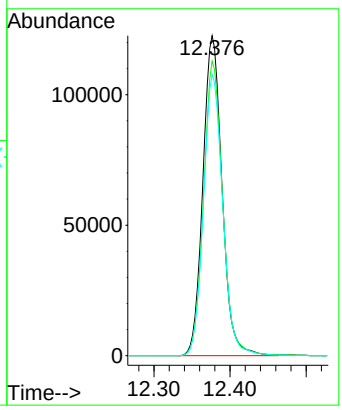
Instrument :
MSVOA_N
ClientSampleId :
PB133875ZHE#24

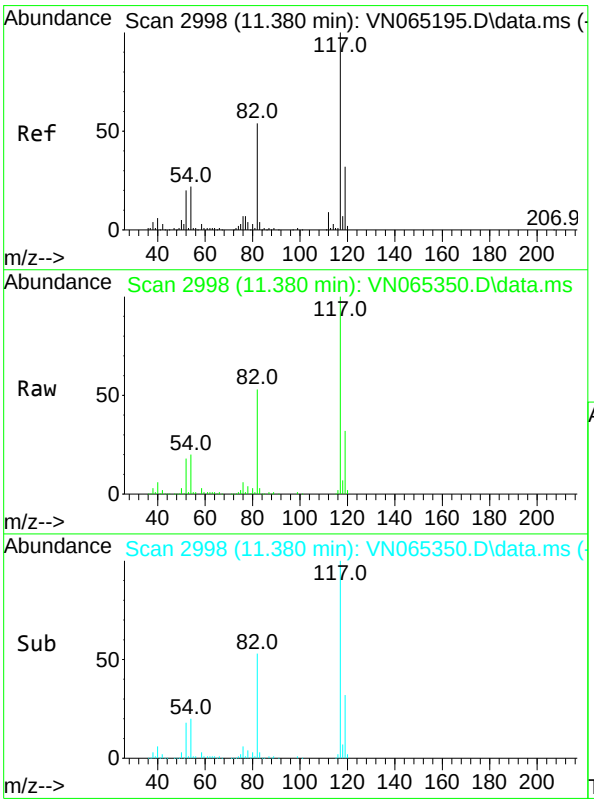


#62
4-Bromofluorobenzene
Concen: 54.50 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 95 Resp: 214652

Ion	Ratio	Lower	Upper
95	100		
174	92.0	0.0	160.4
176	88.5	0.0	158.4

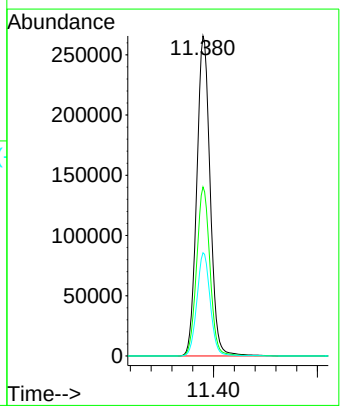




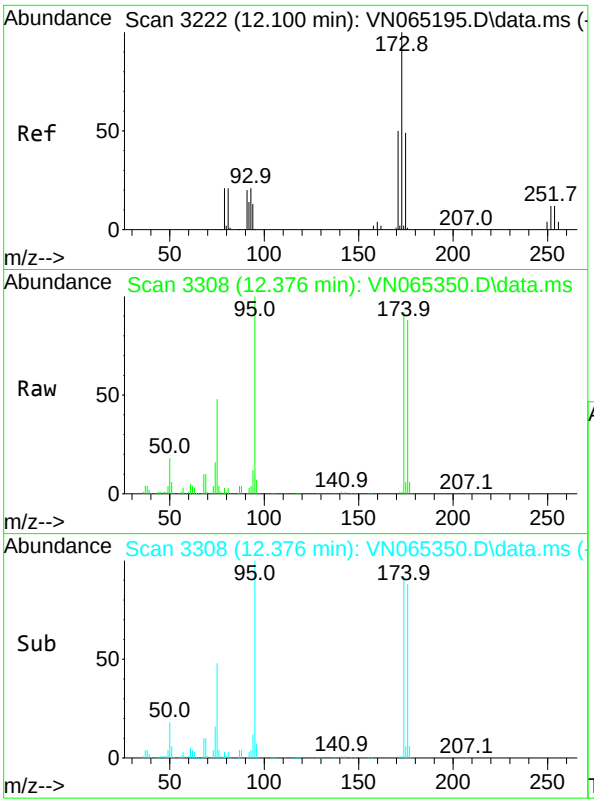
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion:117 Resp: 473922

Ion	Ratio	Lower	Upper
117	100		
82	52.8	44.2	66.2
119	32.3	25.8	38.6



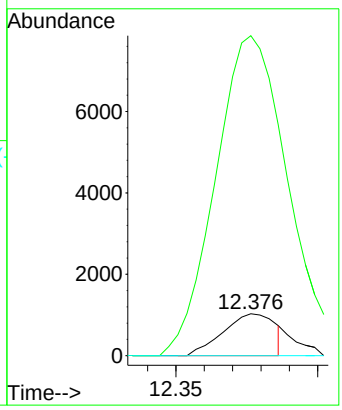
Instrument :
MSVOA_N
ClientSampleId :
PB133875ZHE#24

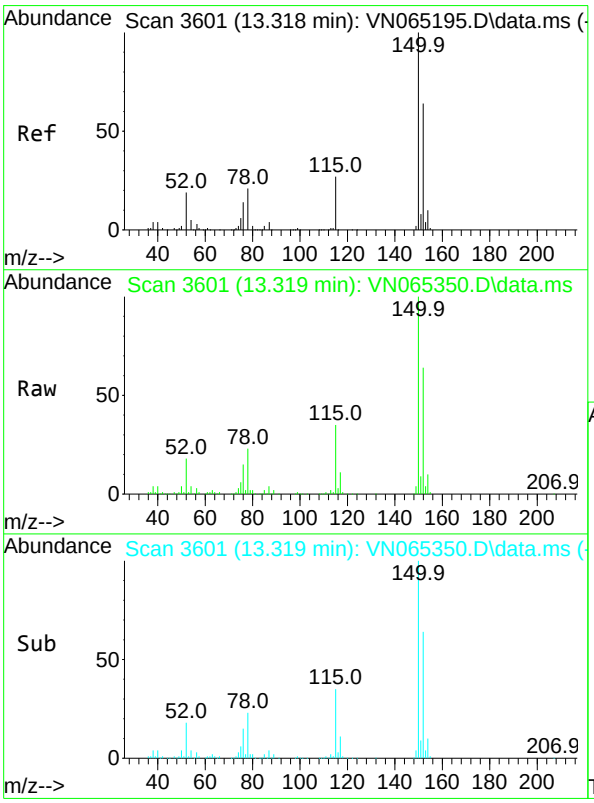


#71
Bromoform
Concen: 0.41 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion:173 Resp: 1311

Ion	Ratio	Lower	Upper
173	100		
175	865.1	24.3	72.8#
254	0.0	0.0	0.0

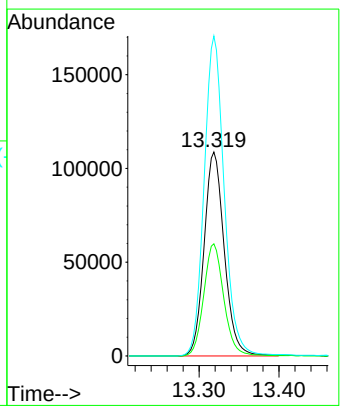




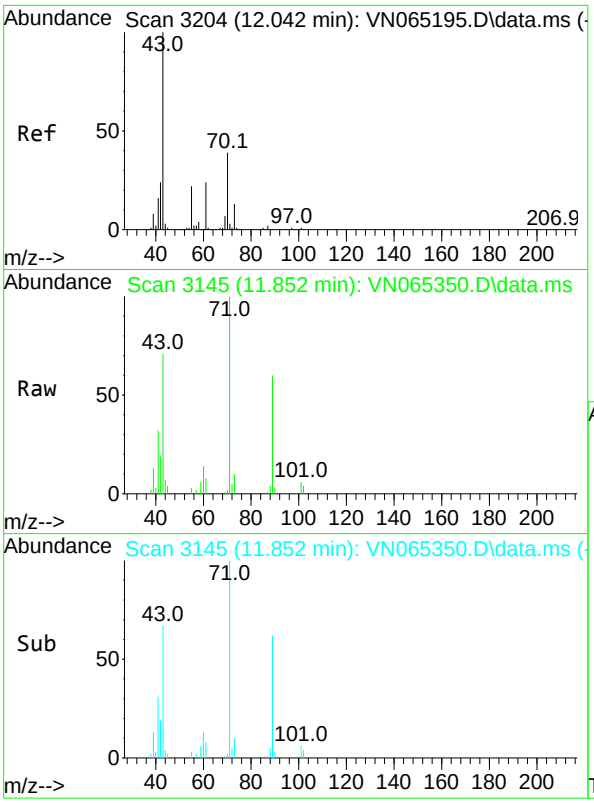
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.319 min Scan# 3601
Delta R.T. 0.001 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion:152 Resp: 191127

Ion	Ratio	Lower	Upper
152	100		
115	54.6	29.7	89.1
150	155.9	0.0	350.6



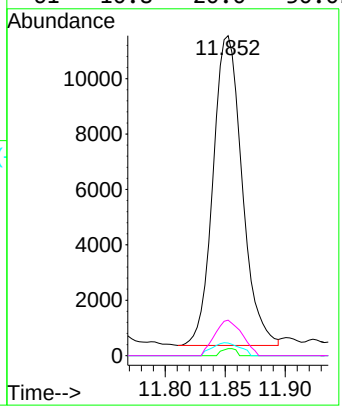
Instrument :
MSVOA_N
ClientSampleId :
PB133875ZHE#24

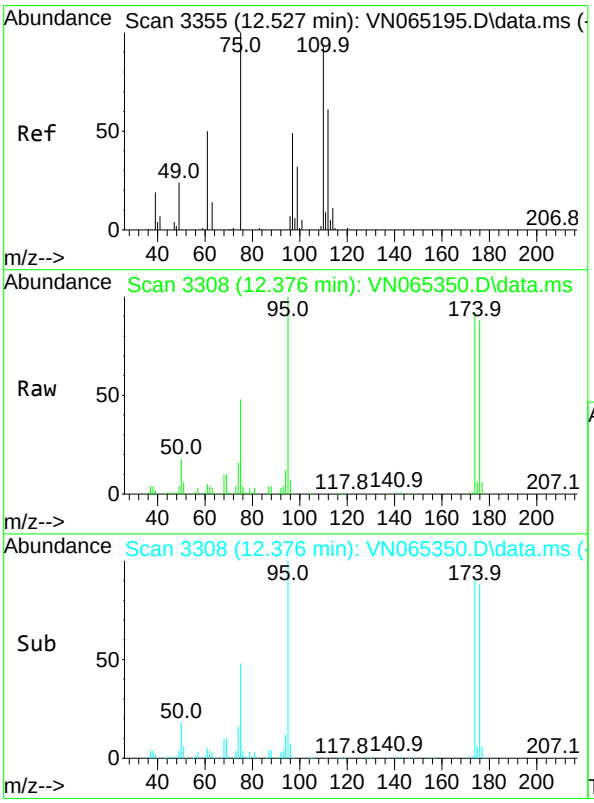


#74
N-amyl acetate
Concen: 3.25 ug/l
RT: 11.852 min Scan# 3145
Delta R.T. -0.190 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 43 Resp: 18834

Ion	Ratio	Lower	Upper
43	100		
70	1.1	34.5	51.7#
55	4.0	20.4	30.6#
61	10.8	20.0	30.0#

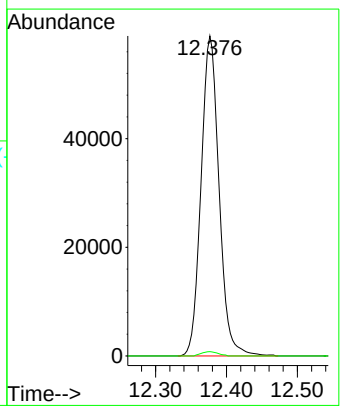




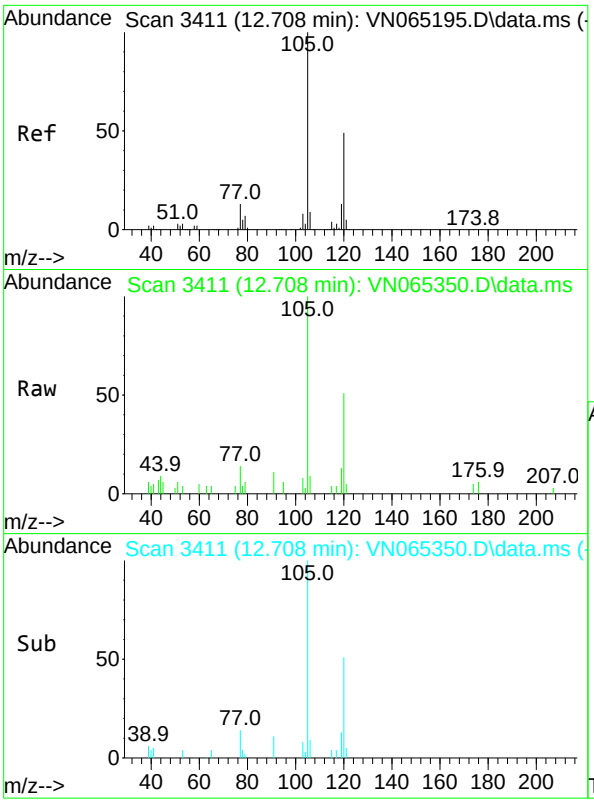
#76
1,2,3-Trichloropropane
Concen: 26.64 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 75 Resp: 103875

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



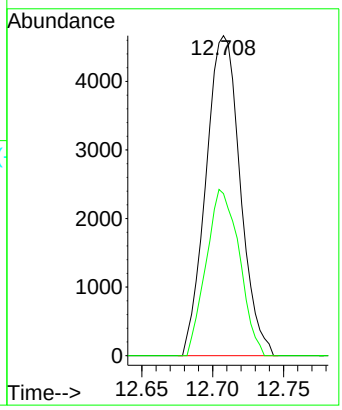
Instrument :
MSVOA_N
ClientSampleId :
PB133875ZHE#24

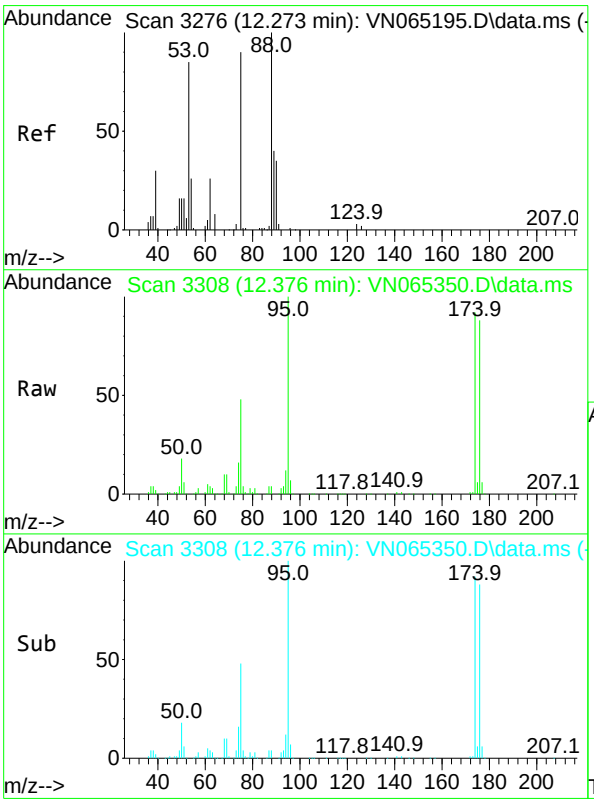


#80
1,3,5-Trimethylbenzene
Concen: 0.63 ug/l
RT: 12.708 min Scan# 3411
Delta R.T. -0.000 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion:105 Resp: 7858

Ion	Ratio	Lower	Upper
105	100		
120	50.2	24.6	73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 67.17 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065350.D
Acq: 31 Dec 2020 17:09

Tgt Ion: 75 Resp: 103875

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