Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122320\
Data File : VN065233.D
Acq On : 23 Dec 2020 14:24
Operator : JC/MD
Sample : PB133762ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB133762ZHE#01

Quant Time: Dec 24 04:20:28 2020
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	7.627	168	236195	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.550	114	392223	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.379	117	410321	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	177877	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.991	65	140092	52.54	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.08%				
35) Dibromofluoromethane	7.553	113	122195	51.64	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.28%				
50) Toluene-d8	10.058	98	483353	54.50	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.00%				
62) 4-Bromofluorobenzene	12.376	95	197386	55.63	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.26%				
Target Compounds							Qvalue
11) Tert butyl alcohol	4.778	59	348	0.80	ug/l	#	73
13) Acrolein	3.576	56	342	3.56	ug/l	#	24
16) Acetone	3.785	43	17882	5.46	ug/l		98
18) Methyl Acetate	4.303	43	585	0.24	ug/l	#	50
20) Methylene Chloride	4.508	84	11013	4.23	ug/l		94
25) 2-Butanone	6.807	43	8086	5.40	ug/l	#	84
29) Tetrahydrofuran	7.190	42	1139	1.18	ug/l	#	32
31) Cyclohexane	7.624	56	4468	1.13	ug/l	#	7
36) 1,1-Dichloropropene	7.627	75	15991	4.48	ug/l	#	50
37) Ethyl Acetate	6.807	43	8086	2.29	ug/l	#	66
38) Carbon Tetrachloride	7.627	117	20656	5.51	ug/l	#	15
41) Methacrylonitrile	7.183	41	368	0.20	ug/l	#	31
43) Isopropyl Acetate	8.132	43	25646	4.21	ug/l		95
45) 1,2-Dichloropropane	9.241	63	1424	0.52	ug/l	#	43
48) Methyl methacrylate	9.145	41	6213	2.10	ug/l	#	28
51) 4-Methyl-2-Pentanone	9.955	43	5633	1.64	ug/l		92
54) cis-1,3-Dichloropropene	9.875	75	41694	8.82	ug/l	#	64
57) 1,3-Dichloropropane	10.736	76	22290	5.11	ug/l	#	42
59) 2-Hexanone	10.736	43	314473	124.88	ug/l	#	48
71) Bromoform	12.373	173	1244	0.44	ug/l	#	1
76) 1,2,3-Trichloropropane	12.376	75	98426	27.12	ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.376	75	98426	68.39	ug/l	#	15

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

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Instrument :
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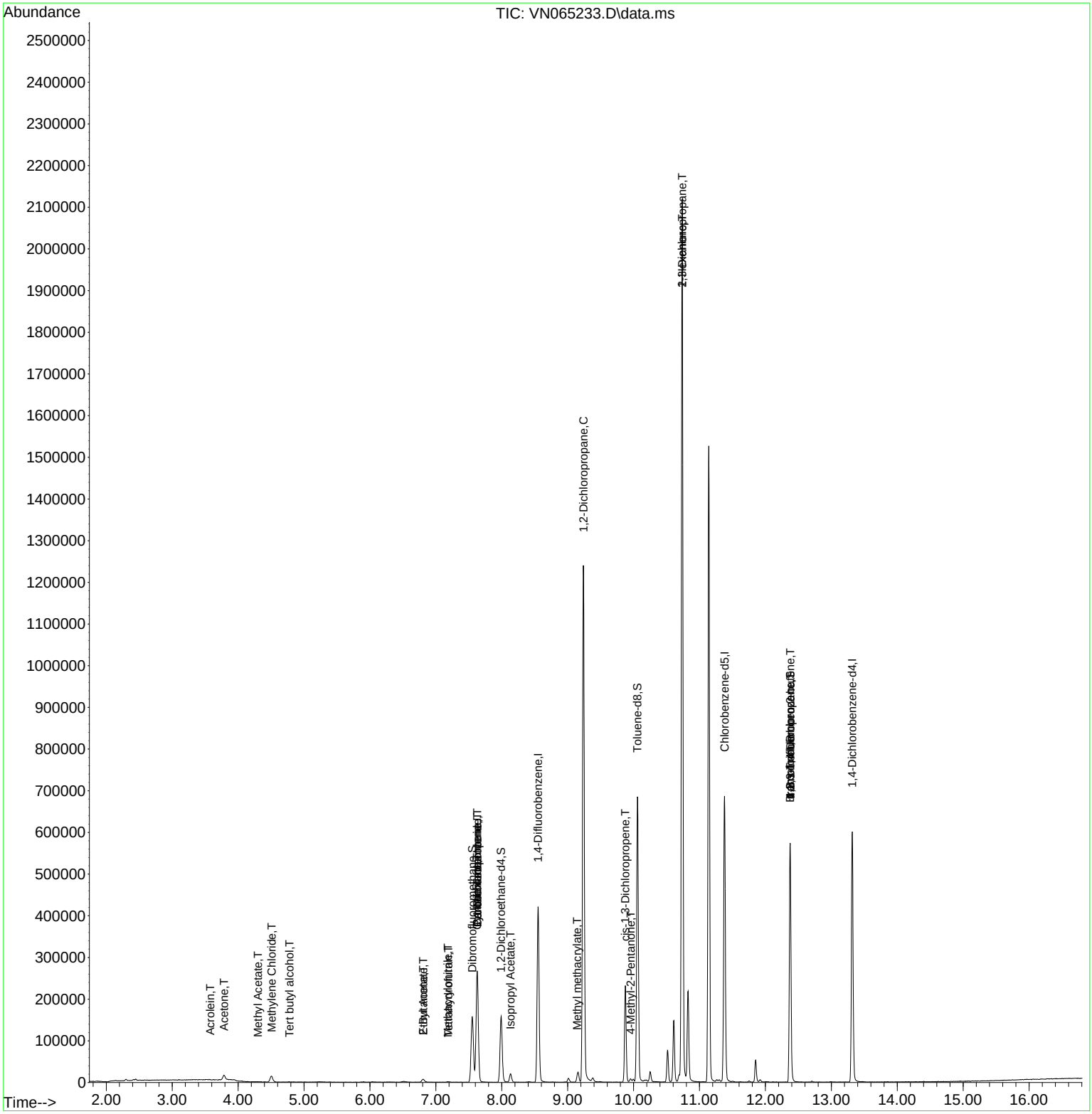
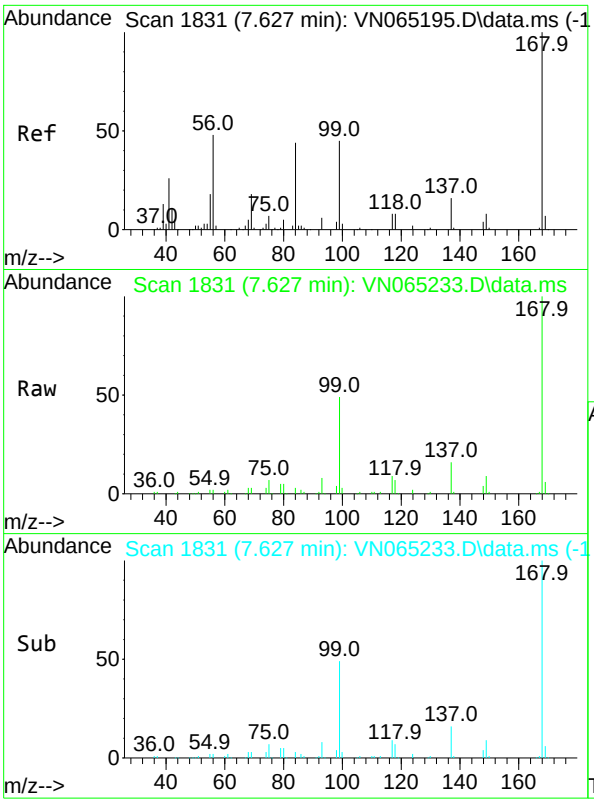


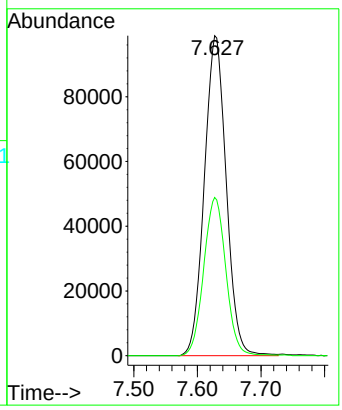
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#01

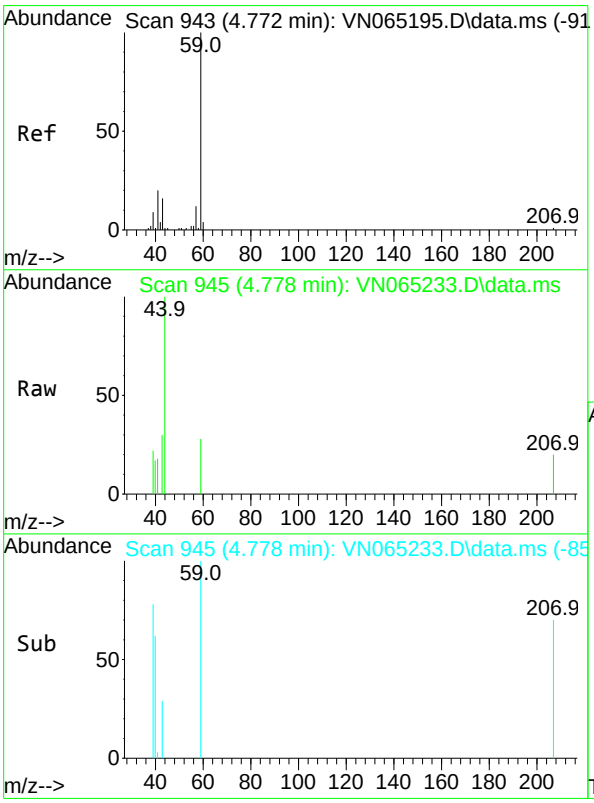


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion:168 Resp: 236195

Ion	Ratio	Lower	Upper
168	100		
99	49.5	43.0	64.4

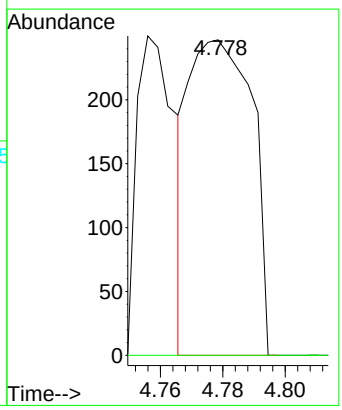




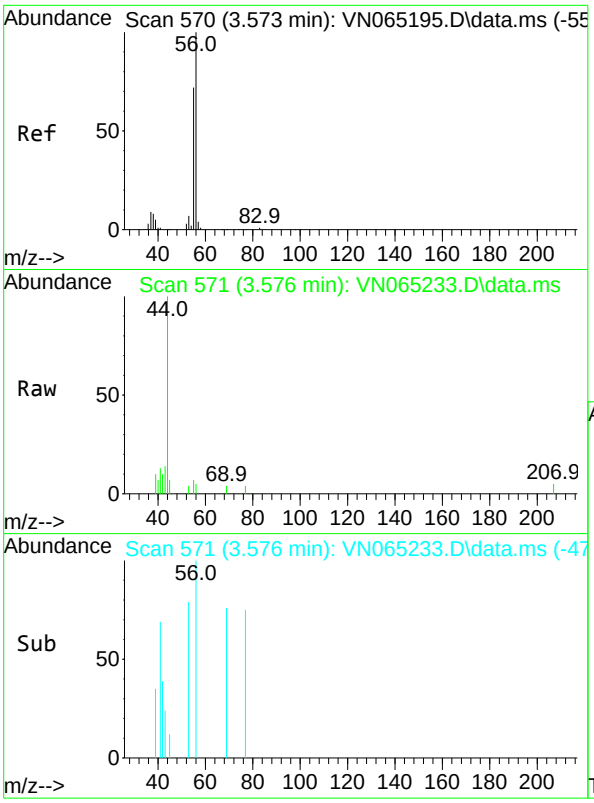
#11
Tert butyl alcohol
Concen: 0.80 ug/l
RT: 4.778 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 59 Resp: 348

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#



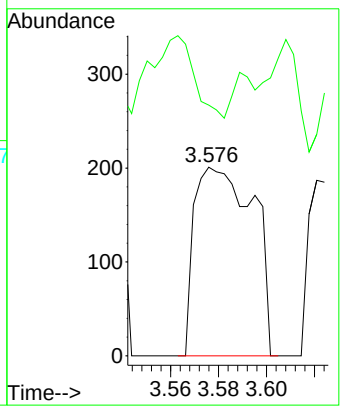
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#01

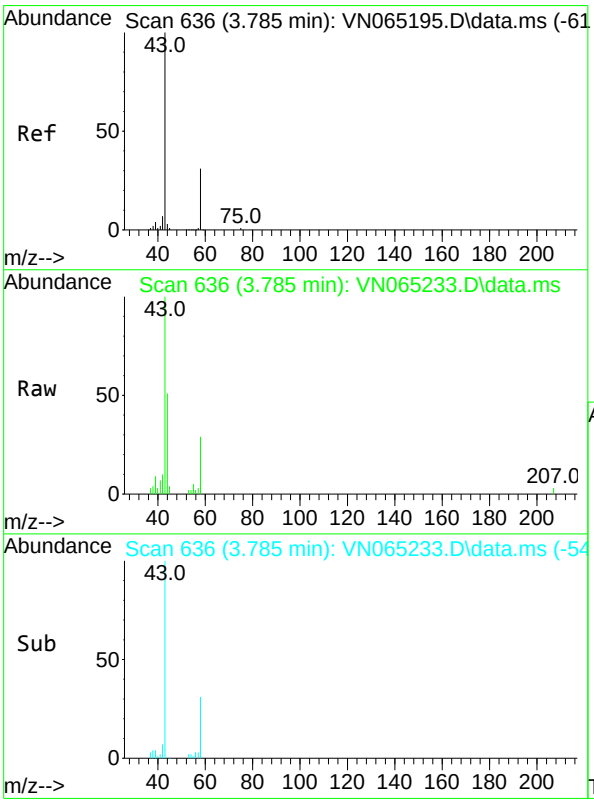


#13
Acrolein
Concen: 3.56 ug/l
RT: 3.576 min Scan# 571
Delta R.T. 0.003 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 56 Resp: 342

Ion	Ratio	Lower	Upper
56	100		
55	8.2	56.5	84.7#

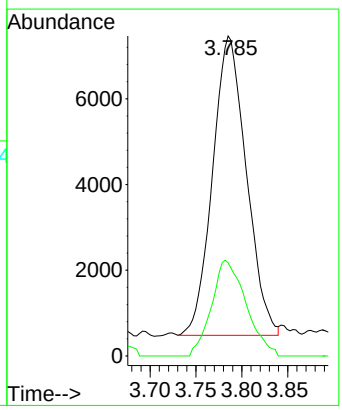




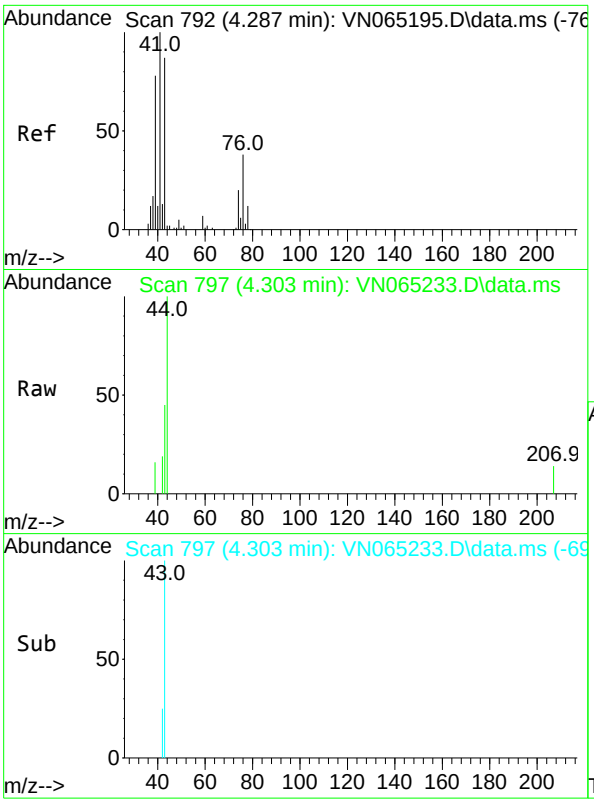
#16
Acetone
Concen: 5.46 ug/l
RT: 3.785 min Scan# 636
Delta R.T. -0.000 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 43 Resp: 17882

Ion	Ratio	Lower	Upper
43	100		
58	31.2	25.7	38.5



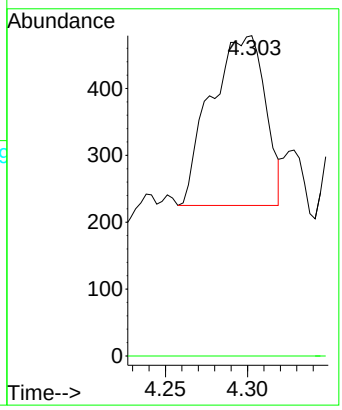
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#01

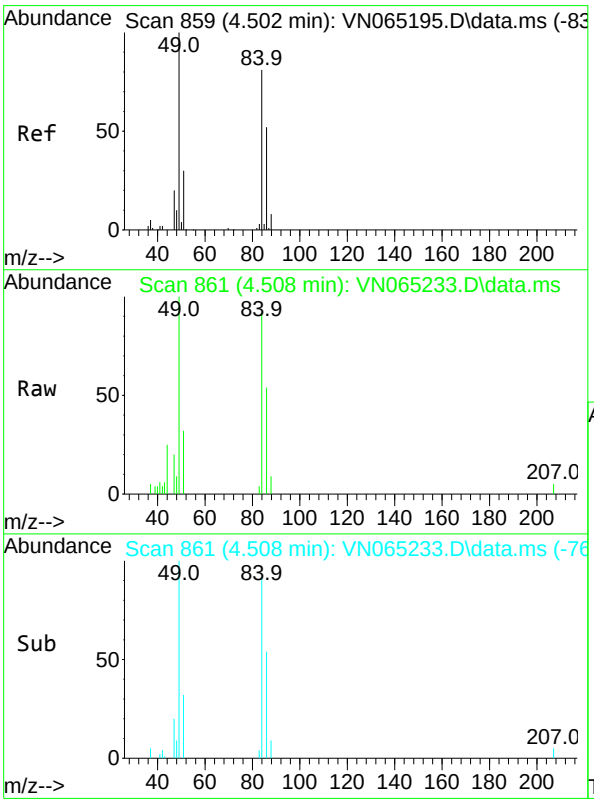


#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 4.303 min Scan# 797
Delta R.T. 0.016 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 43 Resp: 585

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.2	30.2#

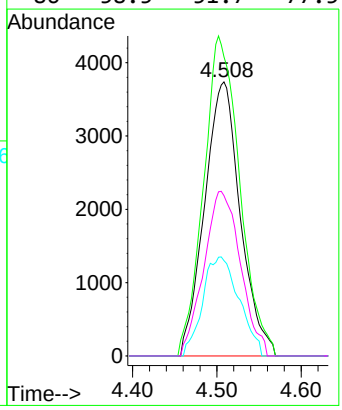




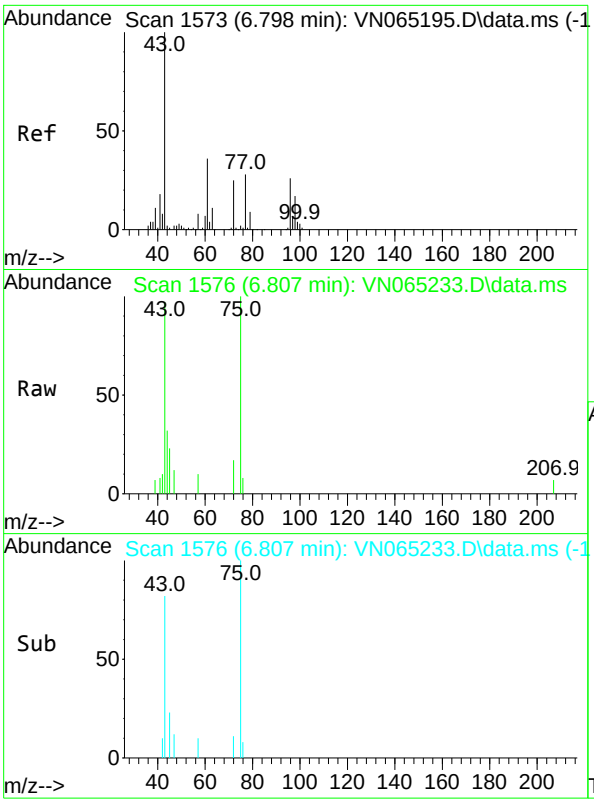
#20
Methylene Chloride
Concen: 4.23 ug/l
RT: 4.508 min Scan# 861
Delta R.T. 0.006 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 84 Resp: 11013

Ion	Ratio	Lower	Upper
84	100		
49	109.2	93.4	140.0
51	34.8	28.2	42.4
86	58.5	51.7	77.5



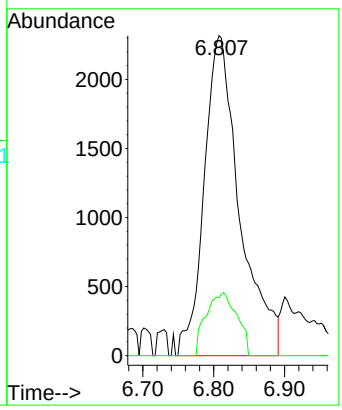
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#01

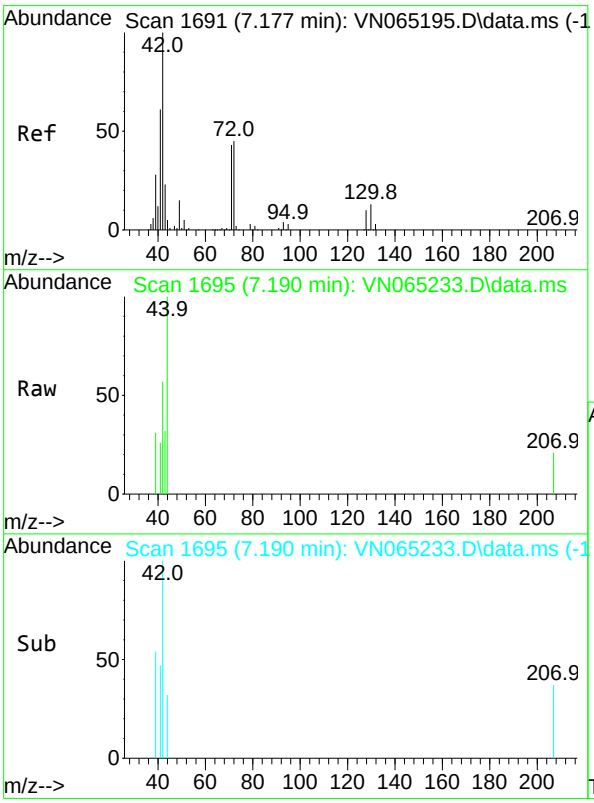


#25
2-Butanone
Concen: 5.40 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. 0.009 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 43 Resp: 8086

Ion	Ratio	Lower	Upper
43	100		
72	18.1	21.0	31.6#

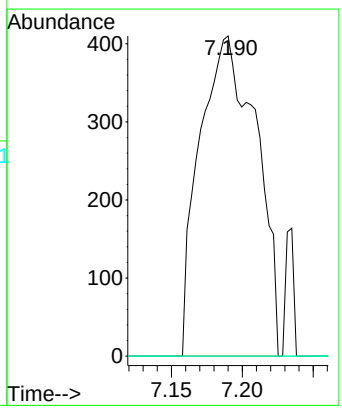




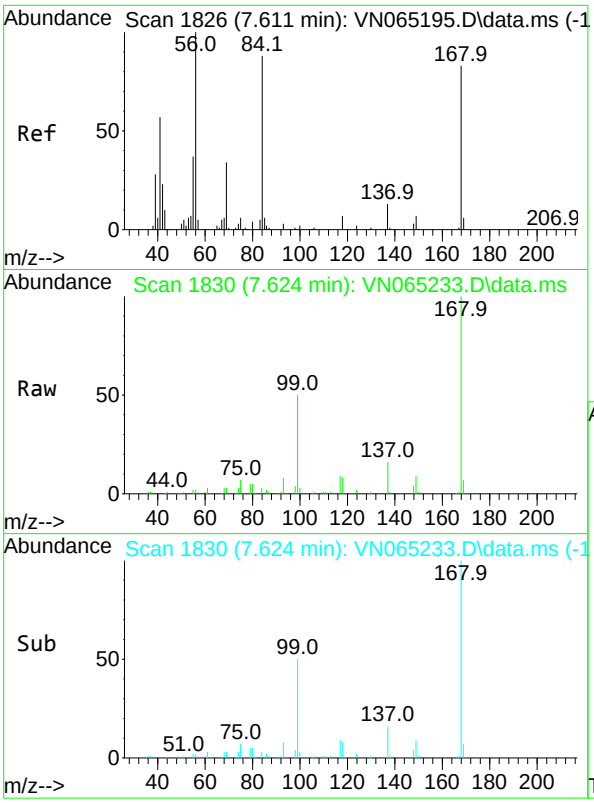
#29
Tetrahydrofuran
Concen: 1.18 ug/l
RT: 7.190 min Scan# 1695
Delta R.T. 0.013 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 42 Resp: 1139

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



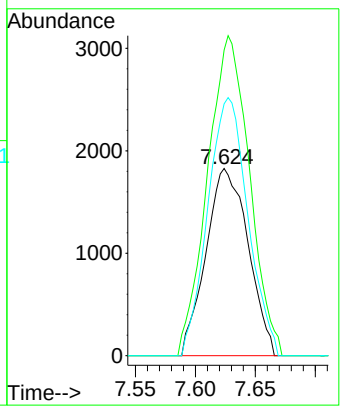
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#01

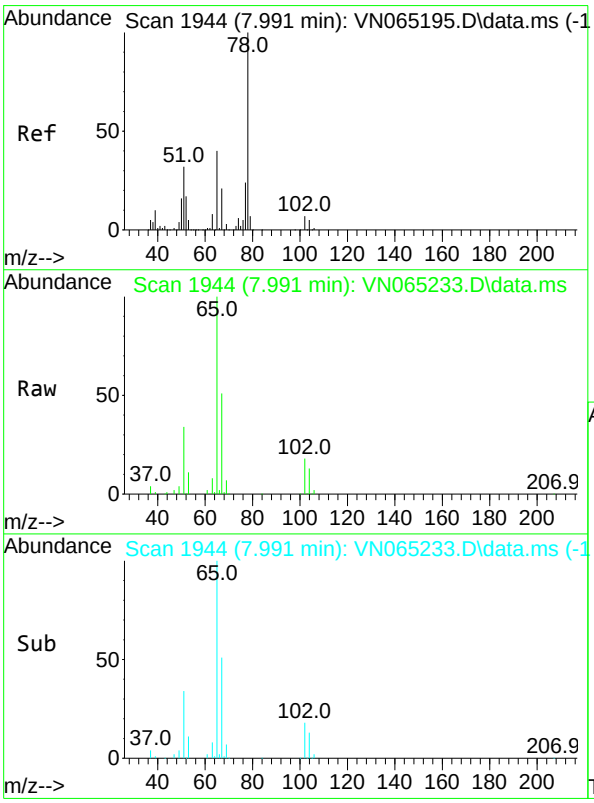


#31
Cyclohexane
Concen: 1.13 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 56 Resp: 4468

Ion	Ratio	Lower	Upper
56	100		
69	163.2	27.5	41.3#
84	134.5	73.9	110.9#

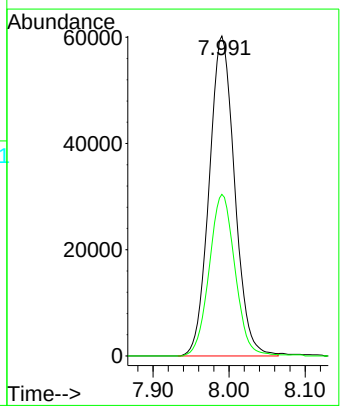


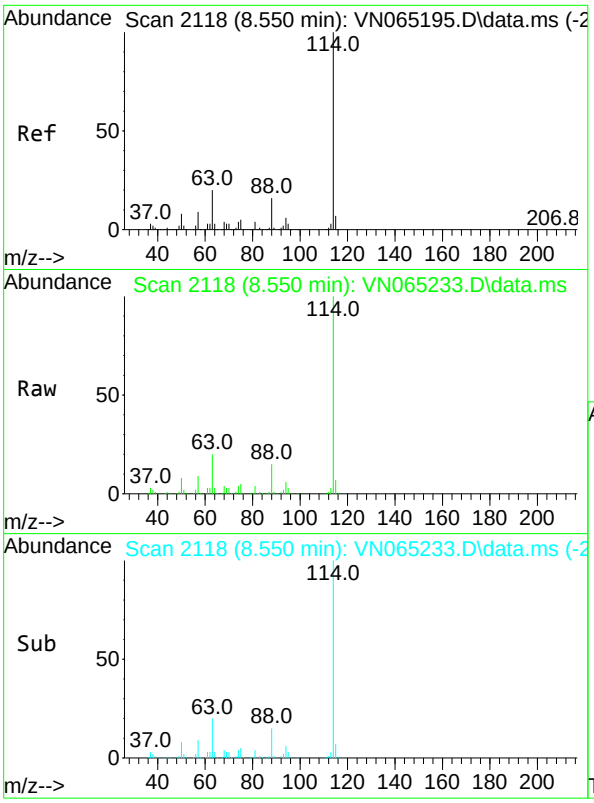


#33
1,2-Dichloroethane-d4
Concen: 52.54 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 65 Resp: 140092

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	108.2

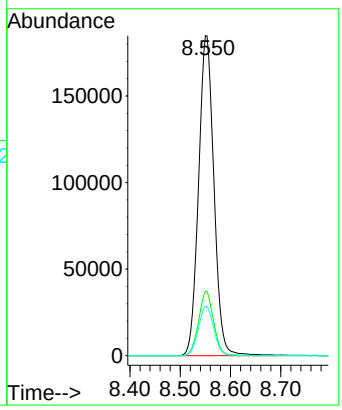




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion:114 Resp: 392223

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	38.6
88	15.5	0.0	32.6



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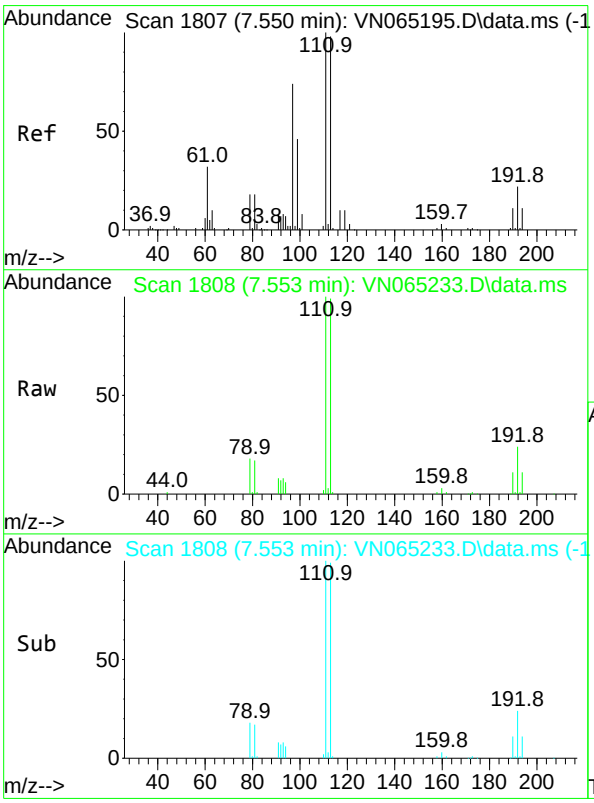
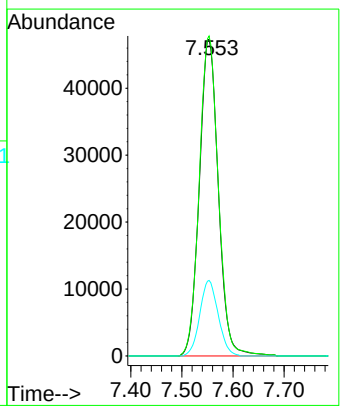
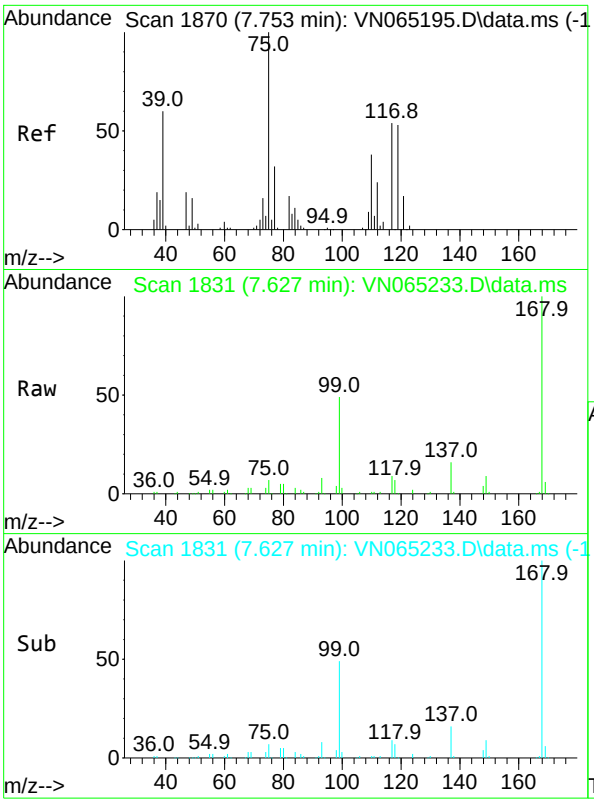


#35
Dibromofluoromethane
Concen: 51.64 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion:113 Resp: 122195

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.6	122.4
192	23.2	16.2	24.2

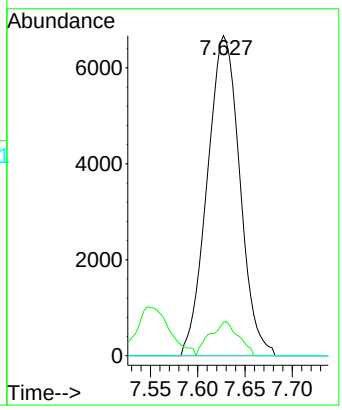




#36
1,1-Dichloropropene
Concen: 4.48 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 75 Resp: 15991

Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.8	53.3#
77	0.0	25.0	37.4#



Instrument :
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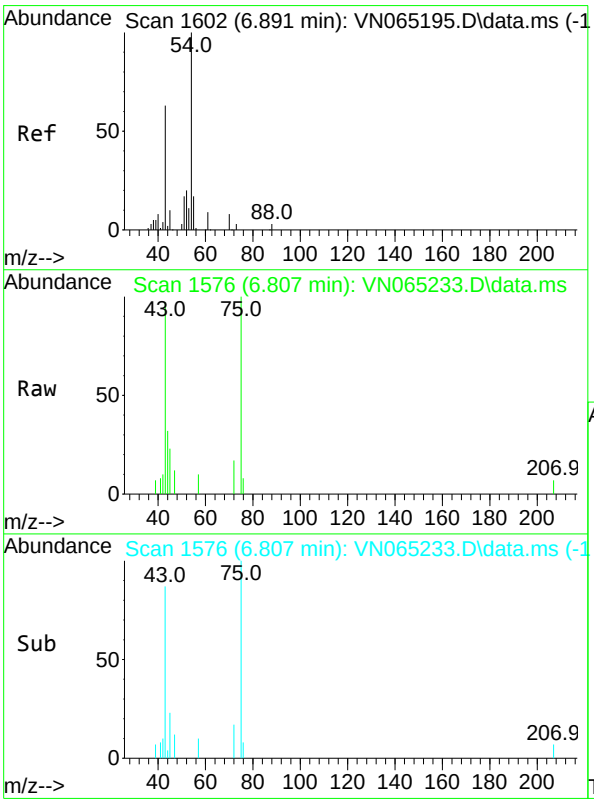
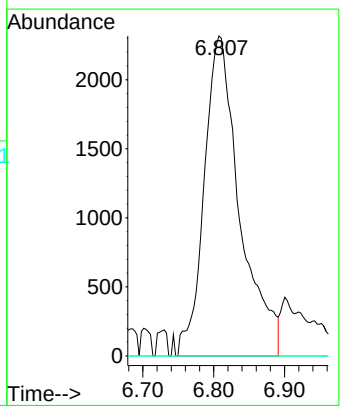
PB133762ZHE#01



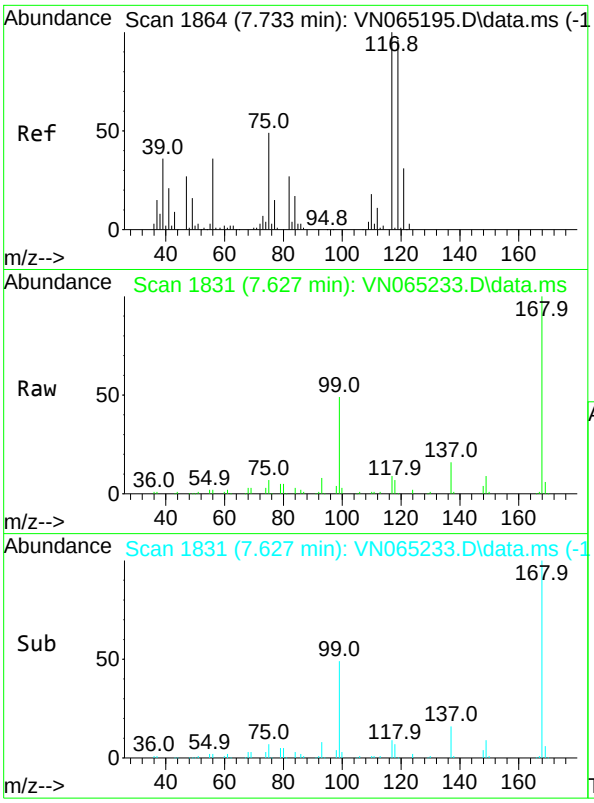
#37
Ethyl Acetate
Concen: 2.29 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. -0.084 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 43 Resp: 8086

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



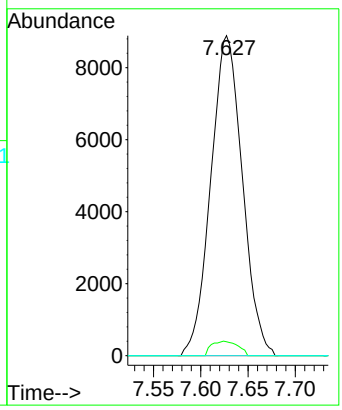
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#01

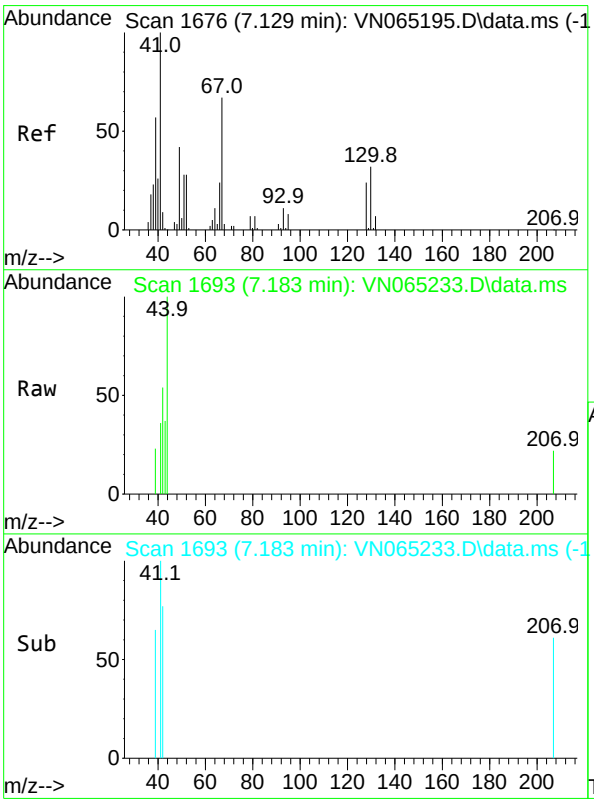


#38
Carbon Tetrachloride
Concen: 5.51 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion:117 Resp: 20656

Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.7	115.1#
121	0.0	25.4	38.2#

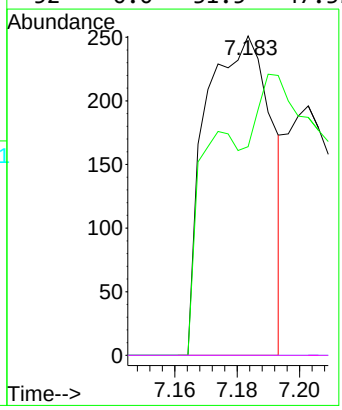


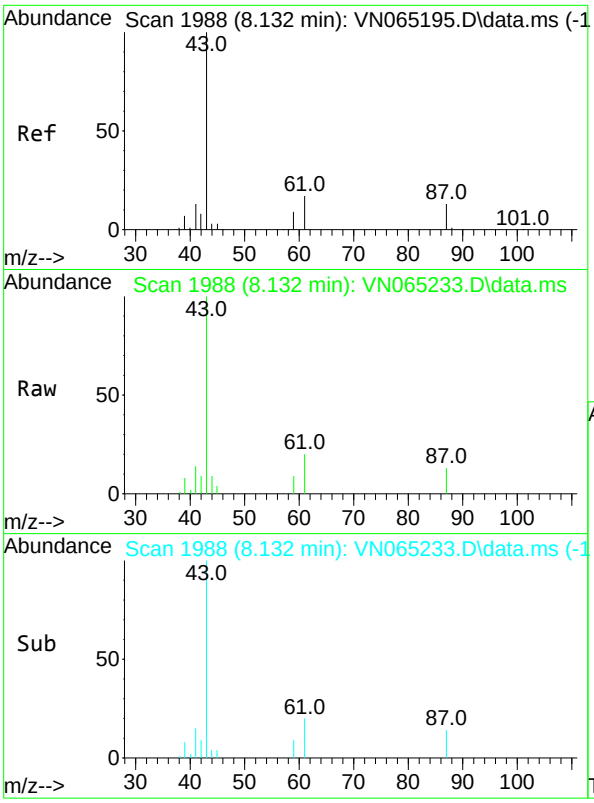


#41
Methacrylonitrile
Concen: 0.20 ug/l
RT: 7.183 min Scan# 1693
Delta R.T. 0.054 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 41 Resp: 368

Ion	Ratio	Lower	Upper
41	100		
39	81.5	51.0	76.6#
67	0.0	79.8	119.8#
52	0.0	31.5	47.3#

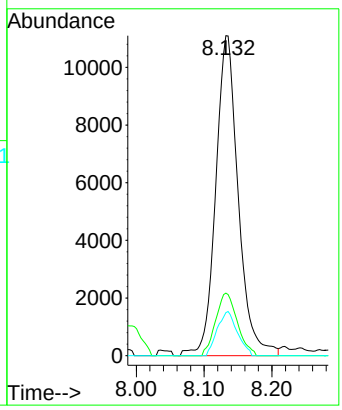




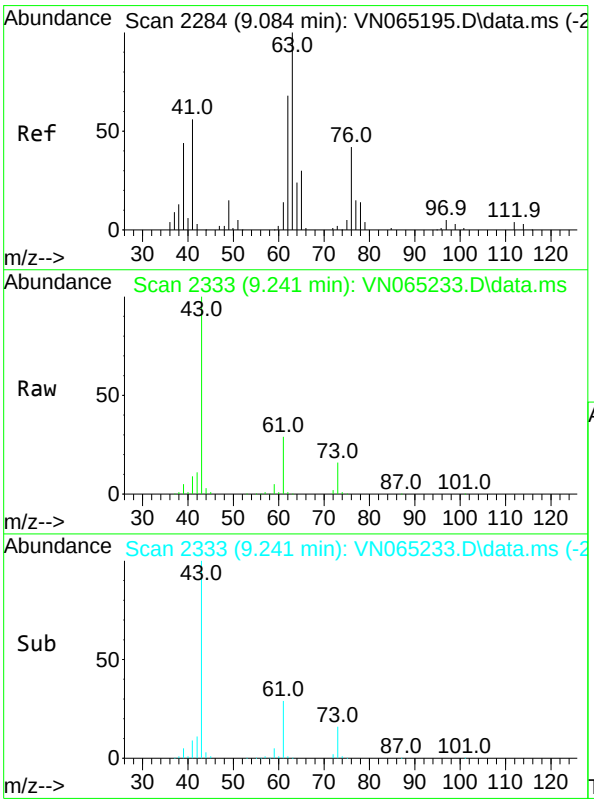
#43
Isopropyl Acetate
Concen: 4.21 ug/l
RT: 8.132 min Scan# 1988
Delta R.T. 0.000 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 43 Resp: 25646

Ion	Ratio	Lower	Upper
43	100		
61	18.8	17.2	25.8
87	12.3	11.4	17.0



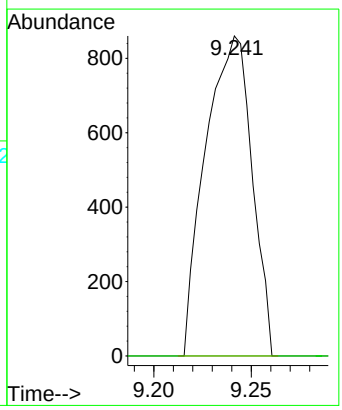
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#01



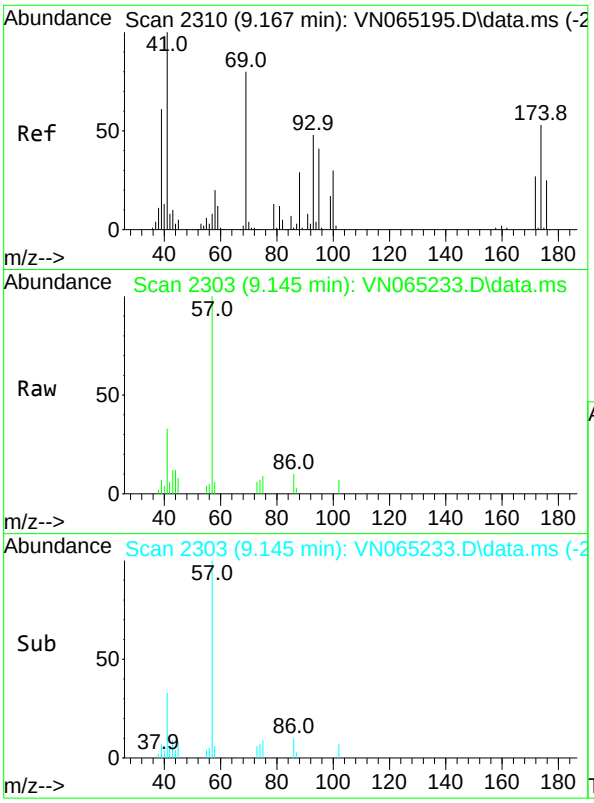
#45
1,2-Dichloropropane
Concen: 0.52 ug/l
RT: 9.241 min Scan# 2333
Delta R.T. 0.157 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 63 Resp: 1424

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#



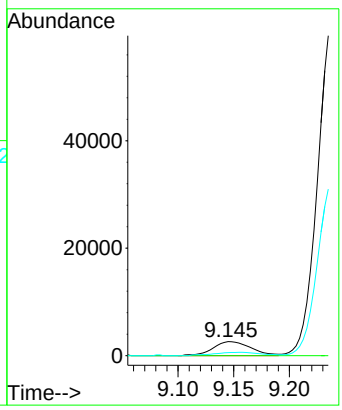
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#01

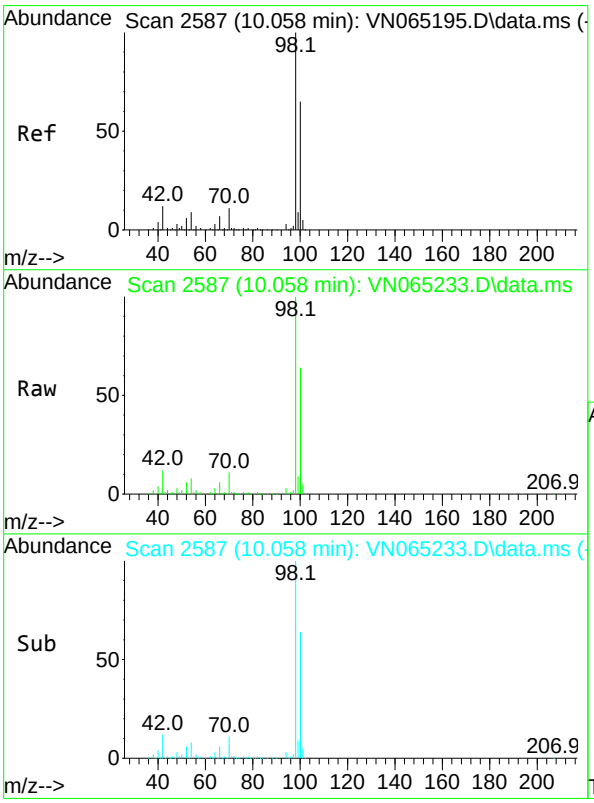


#48
Methyl methacrylate
Concen: 2.10 ug/l
RT: 9.145 min Scan# 2303
Delta R.T. -0.022 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 41 Resp: 6213

Ion	Ratio	Lower	Upper
41	100		
69	0.0	71.8	107.8#
39	30.0	44.1	66.1#

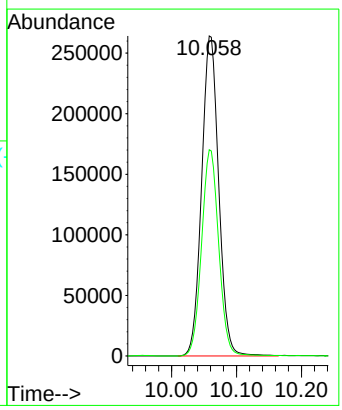




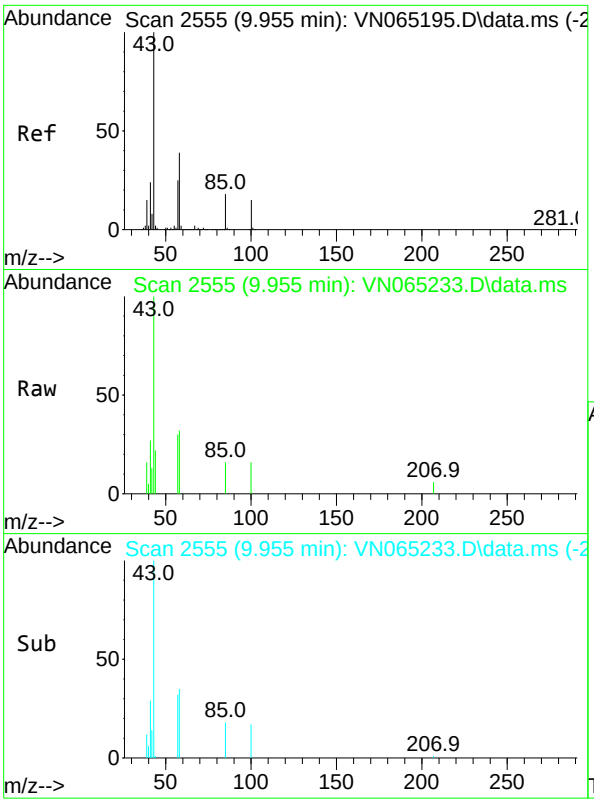
#50
Toluene-d8
Concen: 54.50 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 98 Resp: 483353

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.7	77.5



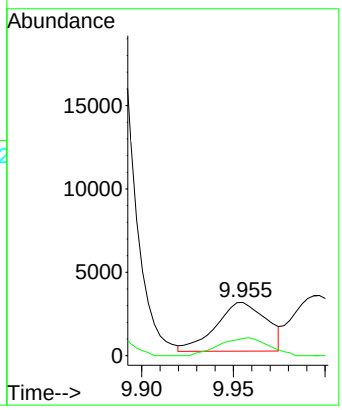
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#01

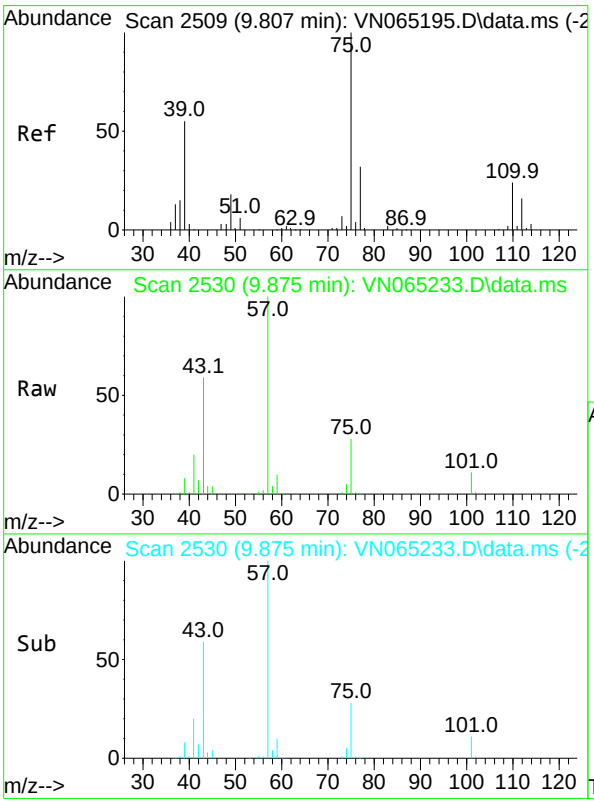


#51
4-Methyl-2-Pentanone
Concen: 1.64 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 43 Resp: 5633

Ion	Ratio	Lower	Upper
43	100		
58	35.5	32.4	48.6

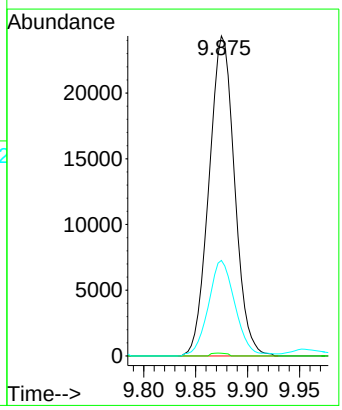




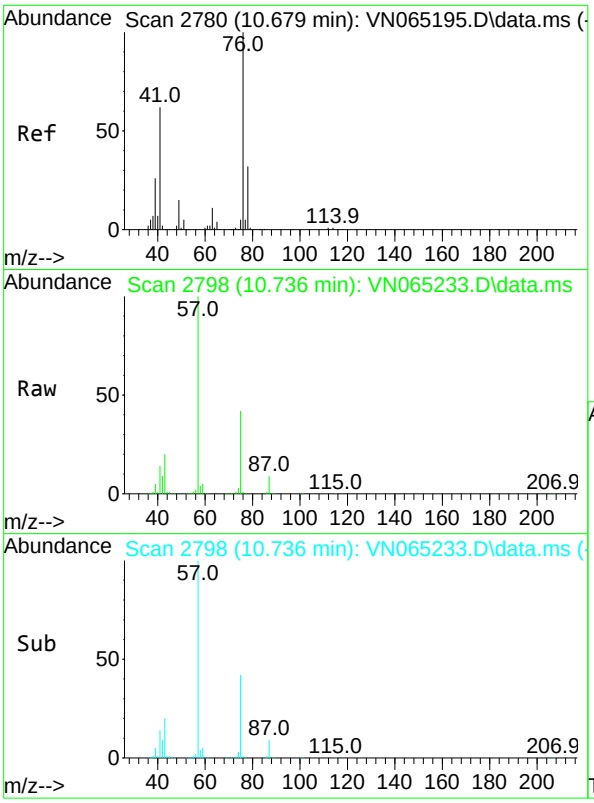
#54
cis-1,3-Dichloropropene
Concen: 8.82 ug/l
RT: 9.875 min Scan# 2530
Delta R.T. 0.068 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 75 Resp: 41694

Ion	Ratio	Lower	Upper
75	100		
77	0.9	25.5	38.3#
39	29.8	35.6	53.4#



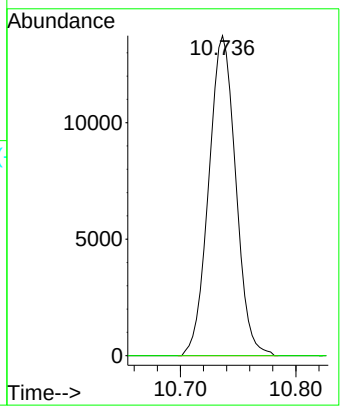
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#01

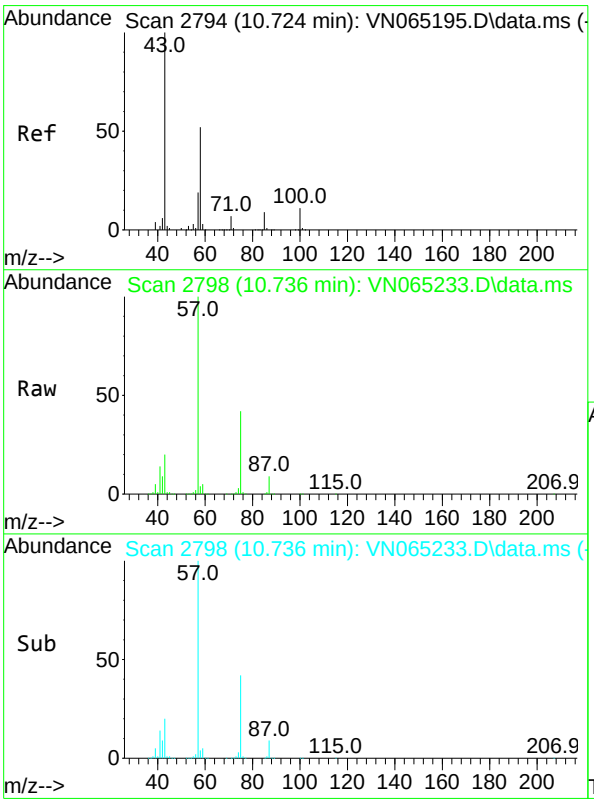


#57
1,3-Dichloropropane
Concen: 5.11 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.057 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 76 Resp: 22290

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.1	39.1#

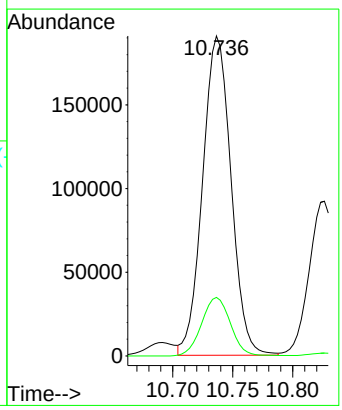




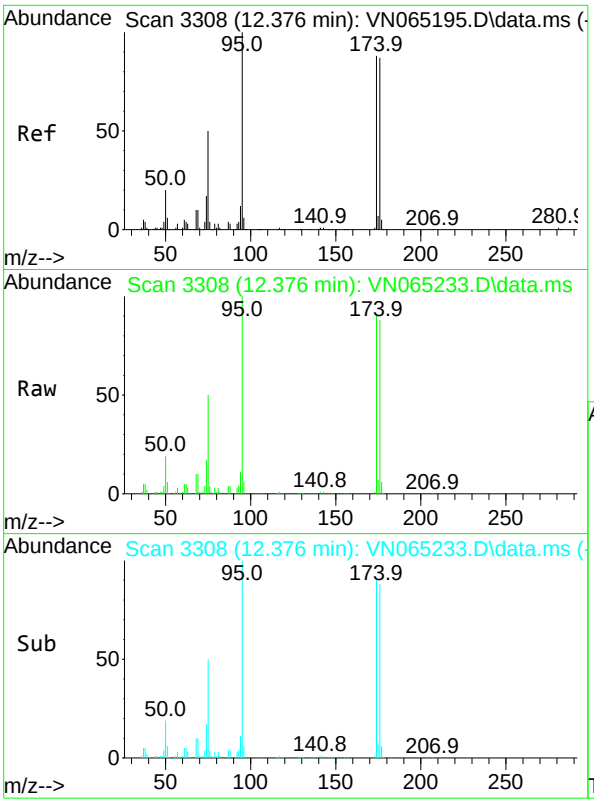
#59
2-Hexanone
Concen: 124.88 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.012 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 43 Resp: 314473

Ion	Ratio	Lower	Upper
43	100		
58	18.7	28.3	84.9#



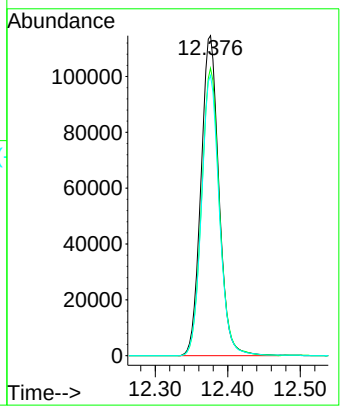
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#01

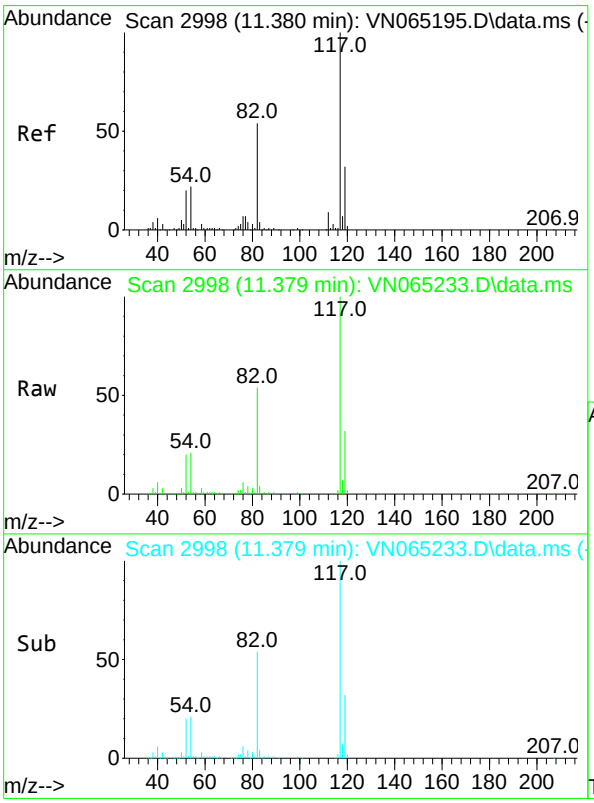


#62
4-Bromofluorobenzene
Concen: 55.63 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 95 Resp: 197386

Ion	Ratio	Lower	Upper
95	100		
174	89.3	0.0	160.4
176	86.9	0.0	158.4

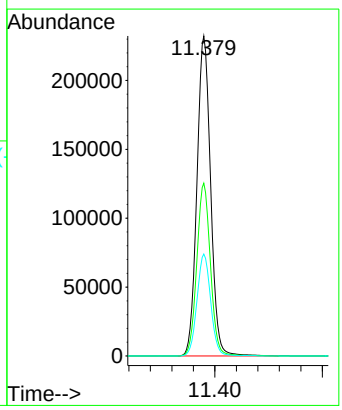




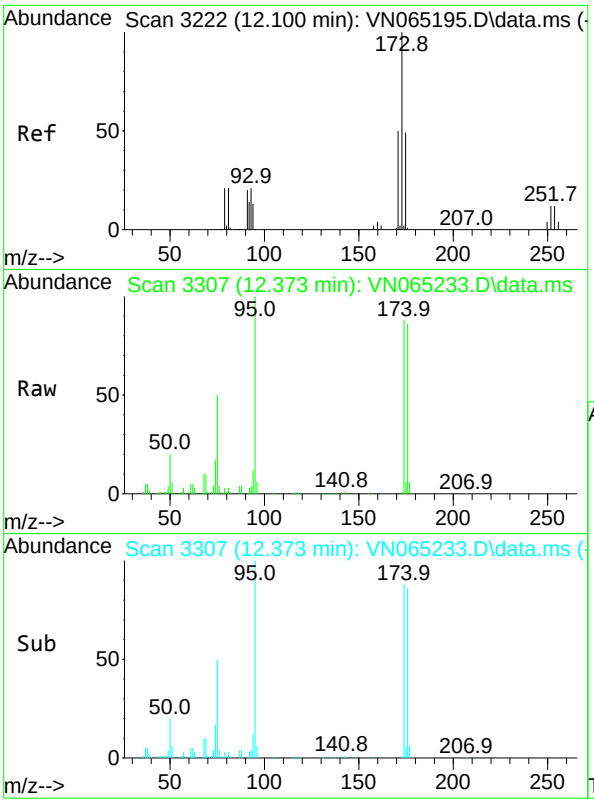
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion:117 Resp: 410321

Ion	Ratio	Lower	Upper
117	100		
82	54.0	44.2	66.2
119	31.9	25.8	38.6



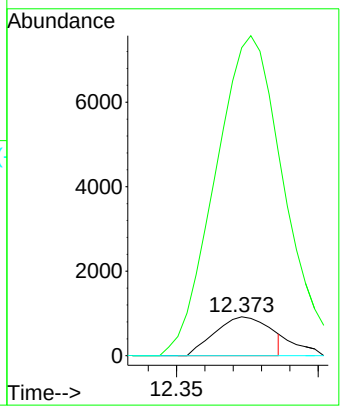
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#01

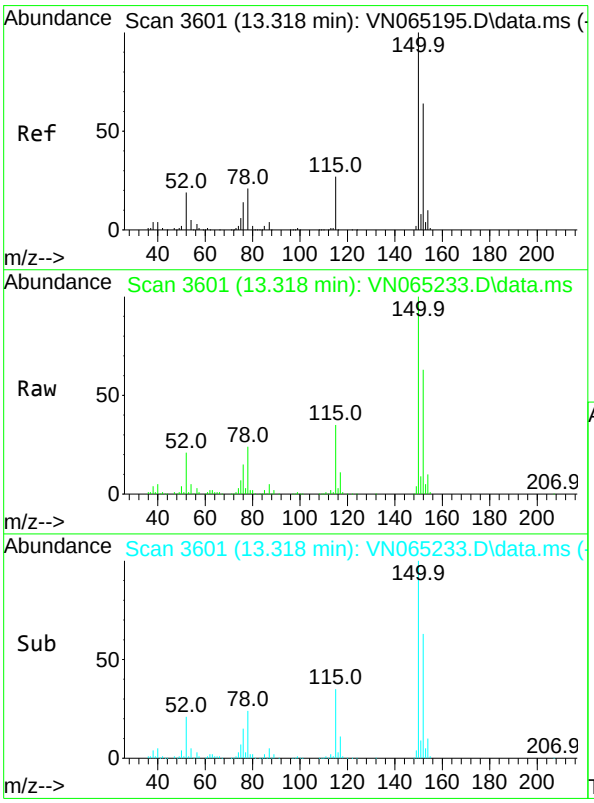


#71
Bromoform
Concen: 0.44 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.273 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion:173 Resp: 1244

Ion	Ratio	Lower	Upper
173	100		
175	865.2	24.3	72.8#
254	0.0	0.0	0.0

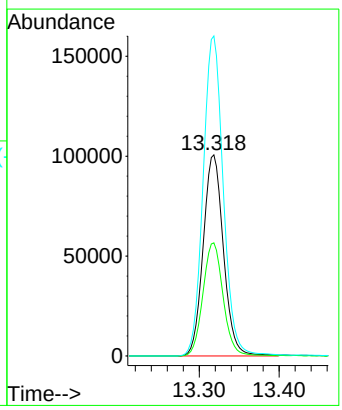




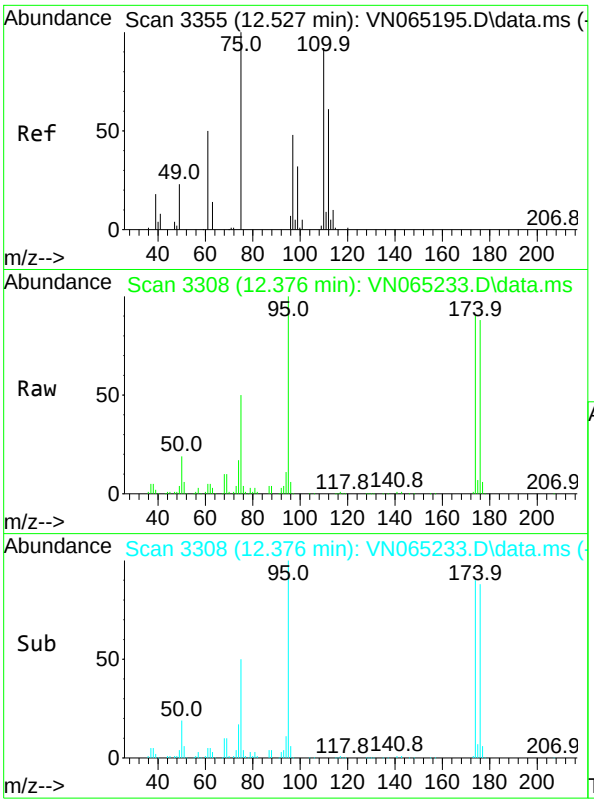
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion:152 Resp: 177877

Ion	Ratio	Lower	Upper
152	100		
115	55.9	29.7	89.1
150	158.5	0.0	350.6



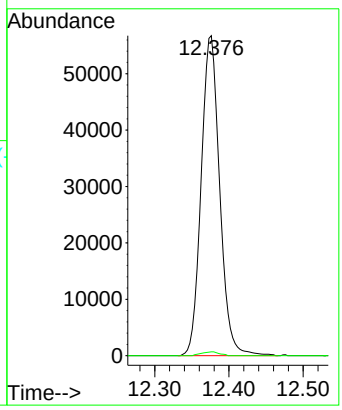
Instrument :
MSVOA_N
ClientSampleId :
PB133762ZHE#01

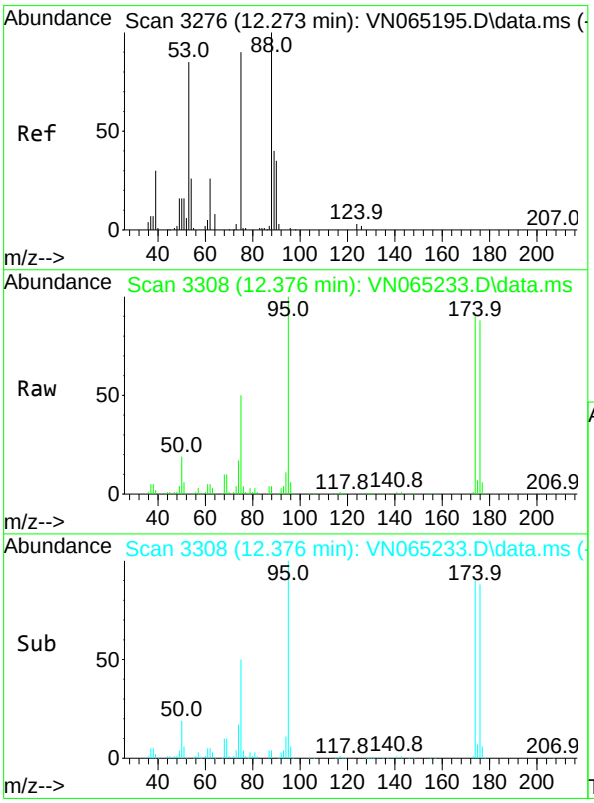


#76
1,2,3-Trichloropropane
Concen: 27.12 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 75 Resp: 98426

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 68.39 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065233.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 75 Resp: 98426

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