Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
Data File : VN057866.D
Acq On : 10 Sep 2019 16:40
Operator : JC/SP
Sample : K4622-40
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PAR-11-C1-(0)

Quant Time: Sep 11 03:54:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	296615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	508142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	462125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	236240	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	326036	54.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.54%			
35) Dibromofluoromethane	7.57	113	222038	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.68%			
50) Toluene-d8	10.09	98	900687	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.92%			
62) 4-Bromofluorobenzene	12.40	95	288616	41.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.18%			
Target Compounds						Qvalue
3) Chloromethane	2.03	50	881	0.211	ug/l	95
5) Bromomethane	2.52	94	64	Below Cal	#	2
8) Diethyl Ether	3.39	74	569	0.245	ug/l	85
11) Tert butyl alcohol	4.75	59	346	0.476	ug/l #	72
13) Acrolein	3.59	56	251	0.407	ug/l #	68
16) Acetone	3.81	43	14401	7.312	ug/l	93
17) Carbon Disulfide	4.02	76	1634	0.490	ug/l #	75
18) Methyl Acetate	4.31	43	4741	0.903	ug/l #	80
20) Methylene Chloride	4.53	84	20247	4.275	ug/l	96
29) Tetrahydrofuran	7.20	42	681	0.388	ug/l #	42
31) Cyclohexane	7.65	56	8077	Below Cal	#	20
36) 1,1-Dichloropropene	7.65	75	27871	4.729	ug/l #	49
38) Carbon Tetrachloride	7.65	117	30540	5.676	ug/l #	16
43) Isopropyl Acetate	8.16	43	94068	9.187	ug/l #	89
48) Methyl methacrylate	9.17	41	5322	1.025	ug/l #	13
51) 4-Methyl-2-Pentanone	9.98	43	5341	0.881	ug/l #	84
54) cis-1,3-Dichloropropene	9.90	75	34292	4.735	ug/l #	65
59) 2-Hexanone	10.76	43	75869	16.705	ug/l #	53
76) 1,2,3-Trichloropropane	12.40	75	158773	29.710	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	158773	104.549	ug/l #	6
93) 1,2,4-Trichlorobenzene	14.92	180	3086	0.563	ug/l	97
94) Hexachlorobutadiene	15.01	225	636	0.274	ug/l #	37
95) Naphthalene	15.13	128	12093	Below Cal		99
96) 1,2,3-Trichlorobenzene	15.30	180	3102	1.634	ug/l	94

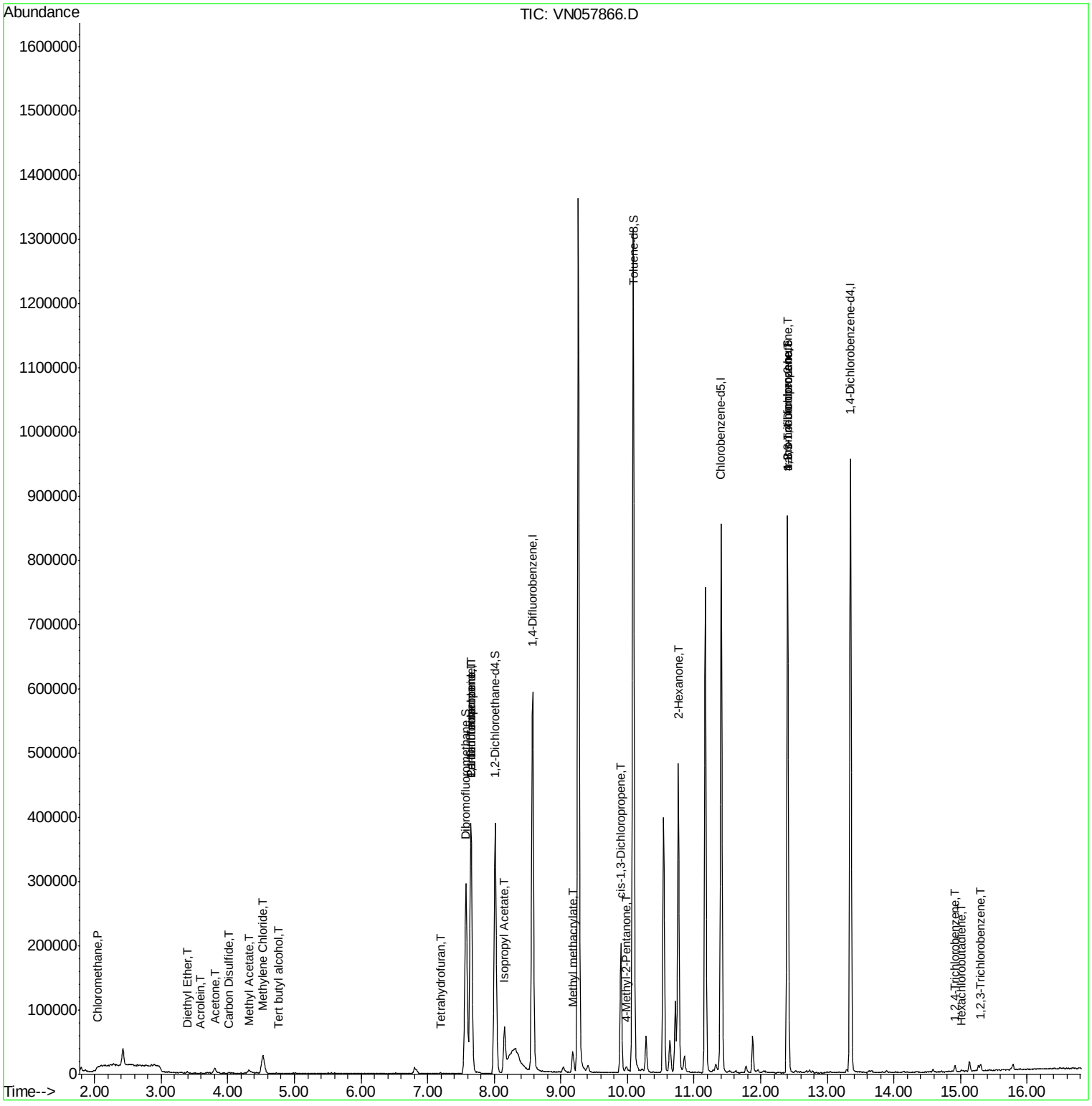
(#) = qualifier out of range (m) = manual integration (+) = signals summed

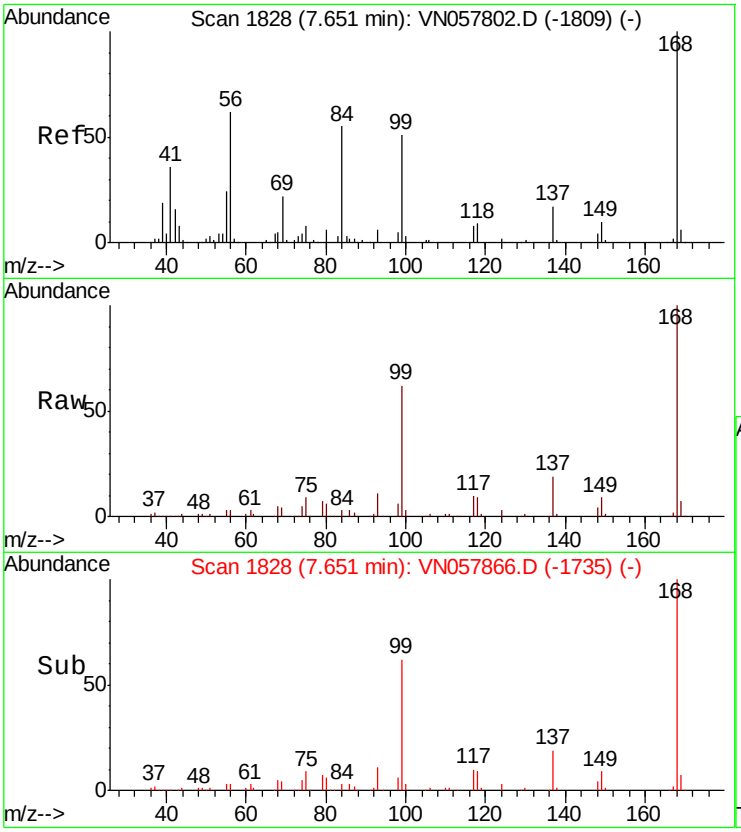
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
Data File : VN057866.D
Acq On : 10 Sep 2019 16:40
Operator : JC/SP
Sample : K4622-40
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PAR-11-C1-(0)

Quant Time: Sep 11 03:54:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration



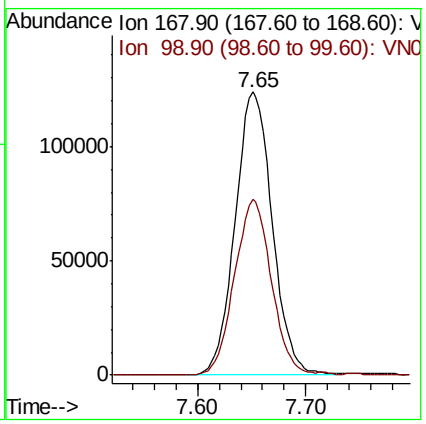


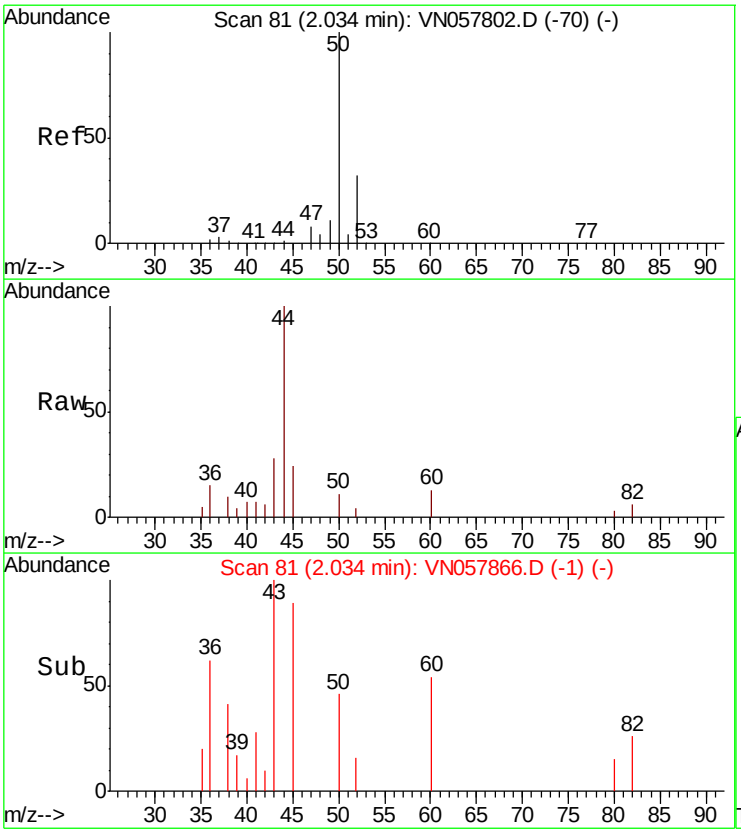
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Instrument :
MSVOA_N
ClientSampleId :
PAR-11-C1-(0)

Tgt Ion:168 Resp: 296615

Ion	Ratio	Lower	Upper
168	100		
99	62.1	48.0	72.0

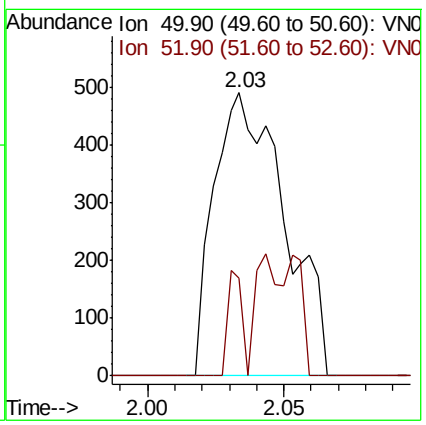


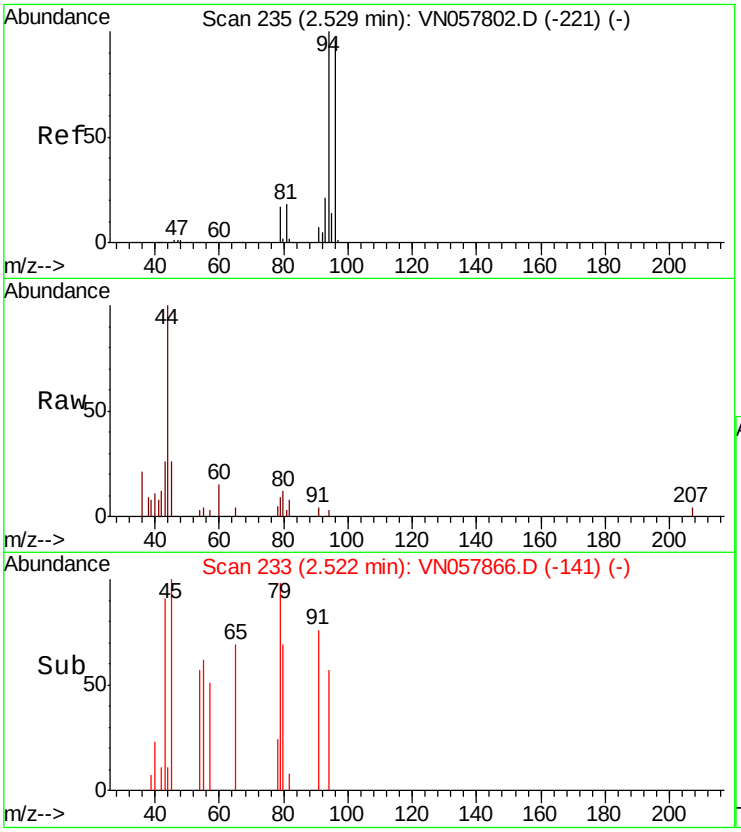


#3
Chloromethane
Concen: 0.211 ug/l
RT: 2.03 min Scan# 81
Delta R.T. 0.00 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Tgt Ion: 50 Resp: 881

Ion	Ratio	Lower	Upper
50	100		
52	34.7	25.5	38.3



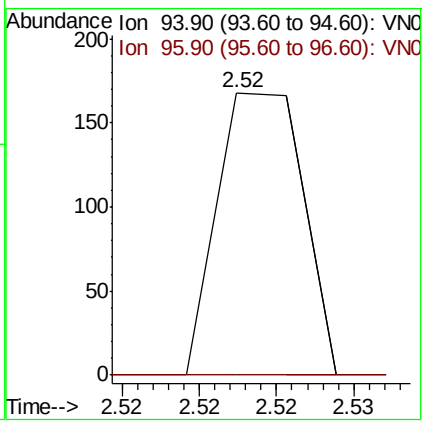


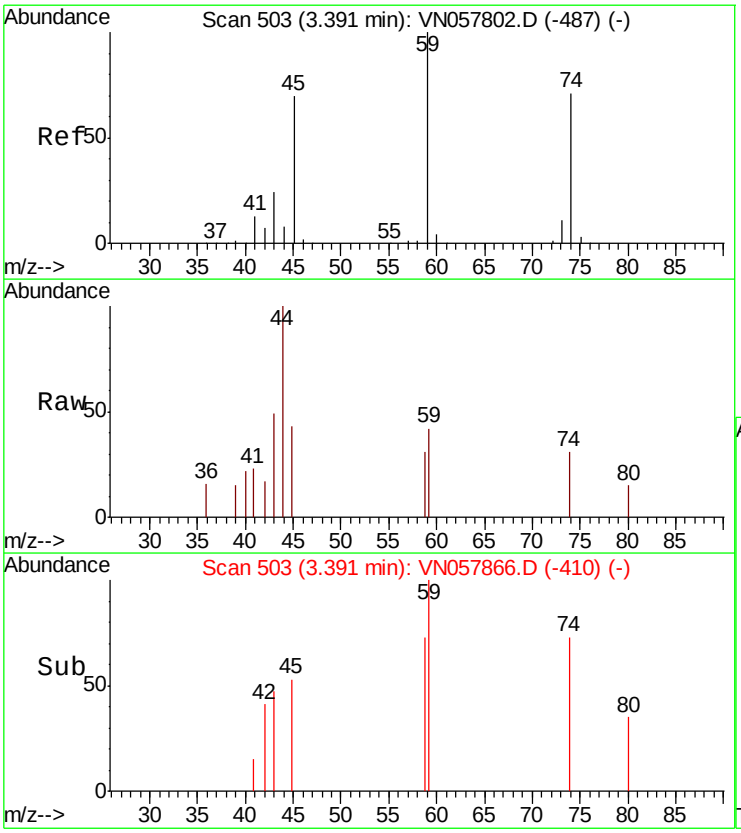
#5
Bromomethane
Concen: Below Cal
RT: 2.52 min Scan# 233
Delta R.T. -0.01 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Instrument :
MSVOA_N
ClientSampleId :
PAR-11-C1-(0)

Tgt Ion: 94 Resp: 64

Ion	Ratio	Lower	Upper
94	100		
96	0.0	77.0	115.4#

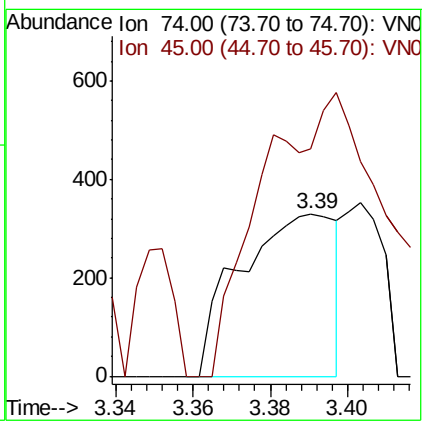


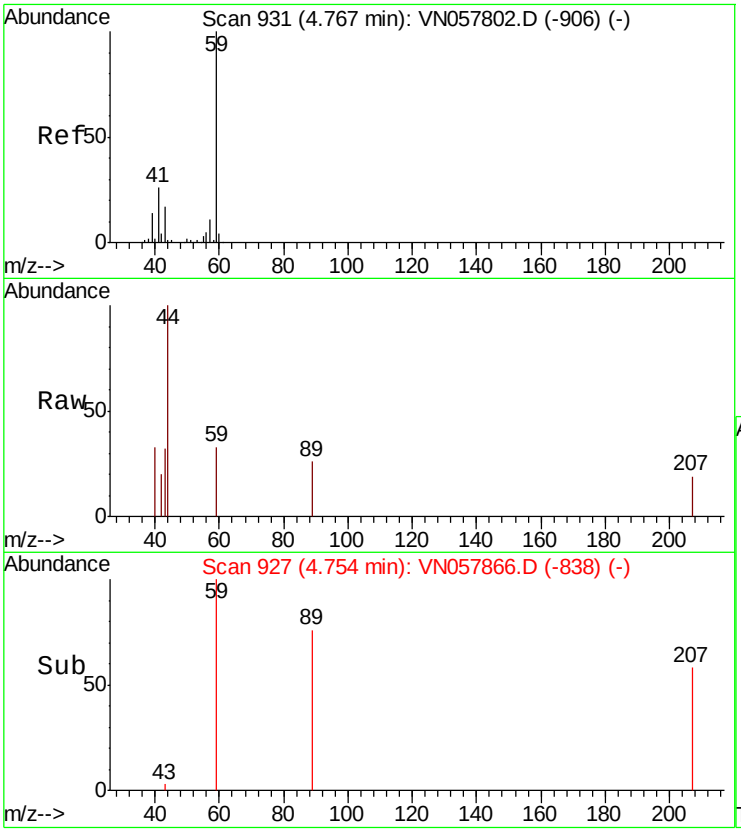


#8
Diethyl Ether
Concen: 0.245 ug/l
RT: 3.39 min Scan# 503
Delta R.T. 0.00 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Tgt Ion: 74 Resp: 569

Ion	Ratio	Lower	Upper
74	100		
45	85.8	50.3	151.0



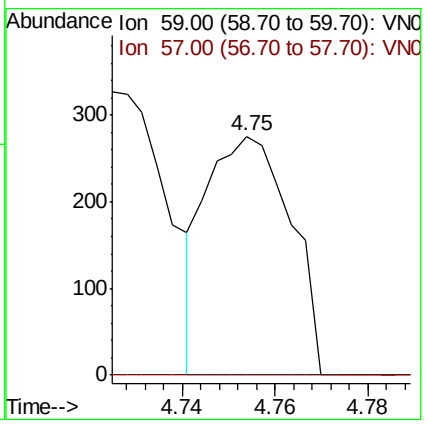


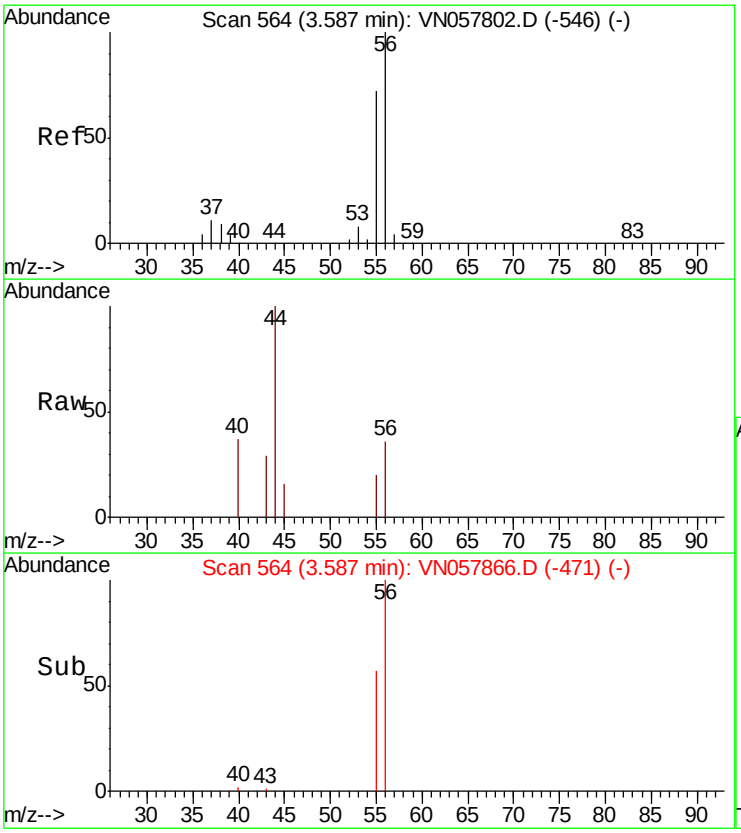
#11
Tert butyl alcohol
Concen: 0.476 ug/l
RT: 4.75 min Scan# 927
Delta R.T. -0.01 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Instrument :
MSVOA_N
ClientSampleId :
PAR-11-C1-(0)

Tgt Ion: 59 Resp: 346

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#

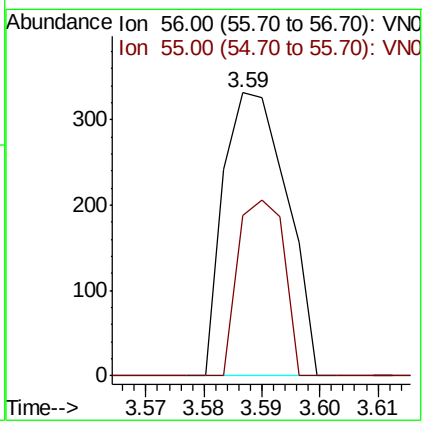


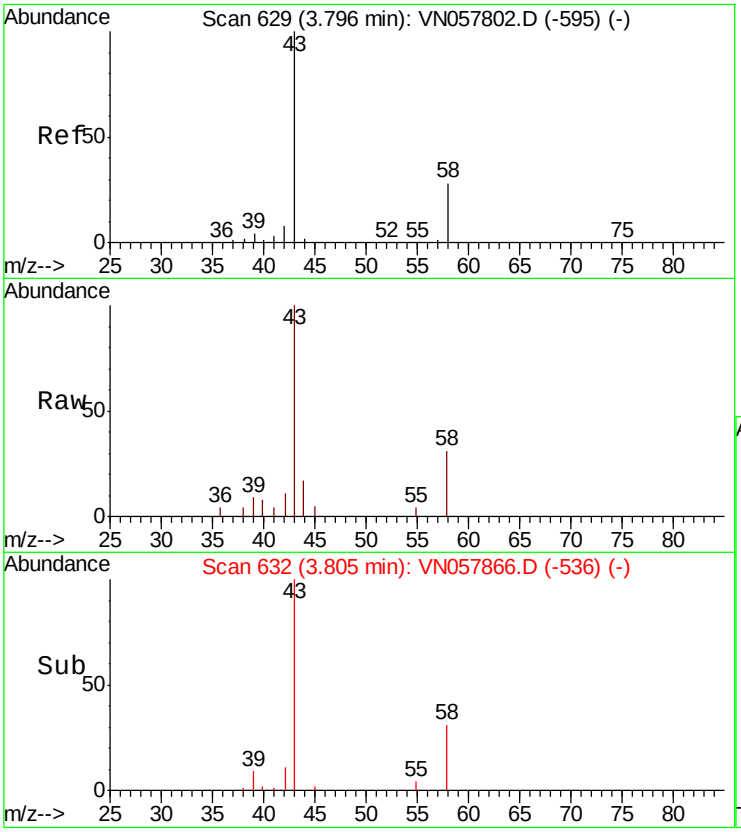


#13
Acrolein
Concen: 0.407 ug/l
RT: 3.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Tgt Ion: 56 Resp: 251

Ion	Ratio	Lower	Upper
56	100		
55	44.6	57.3	85.9#



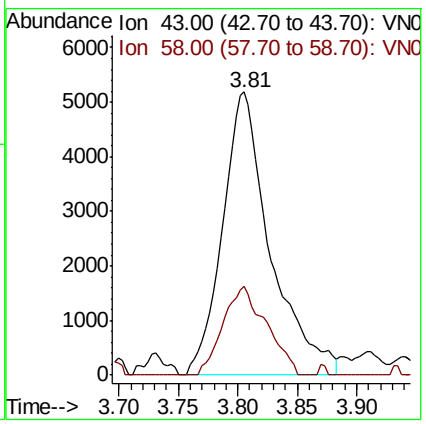


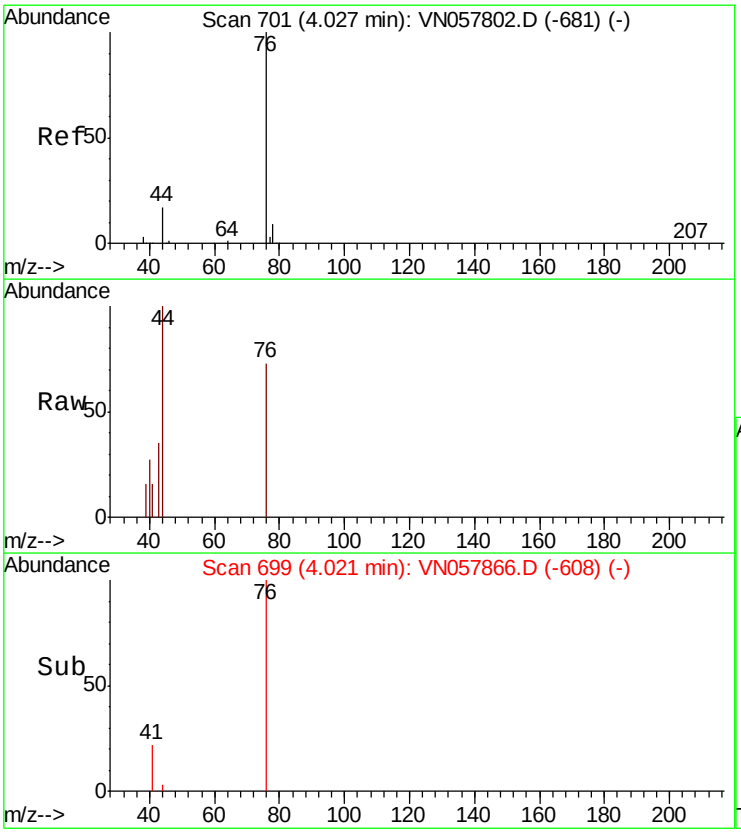
#16
Acetone
Concen: 7.312 ug/l
RT: 3.81 min Scan# 632
Delta R.T. 0.01 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Instrument :
MSVOA_N
ClientSampleId :
PAR-11-C1-(0)

Tgt Ion: 43 Resp: 14401

Ion	Ratio	Lower	Upper
43	100		
58	31.3	22.2	33.2

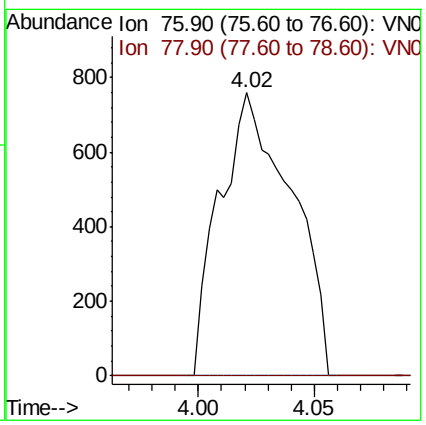


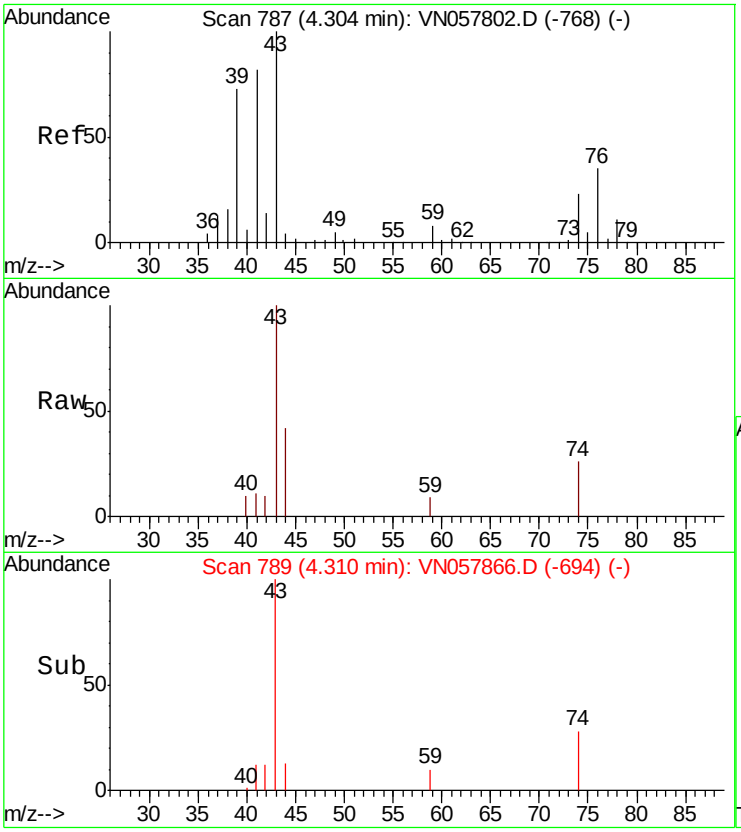


#17
Carbon Disulfide
Concen: 0.490 ug/l
RT: 4.02 min Scan# 699
Delta R.T. -0.01 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Tgt Ion: 76 Resp: 1634

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.1	10.7#



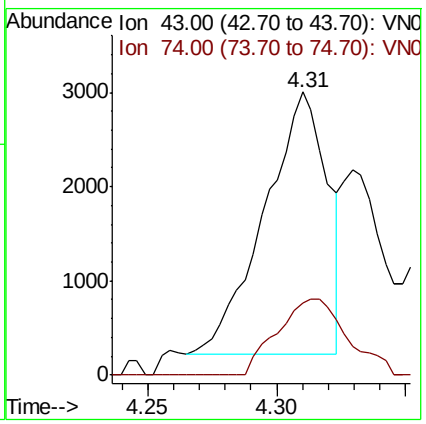


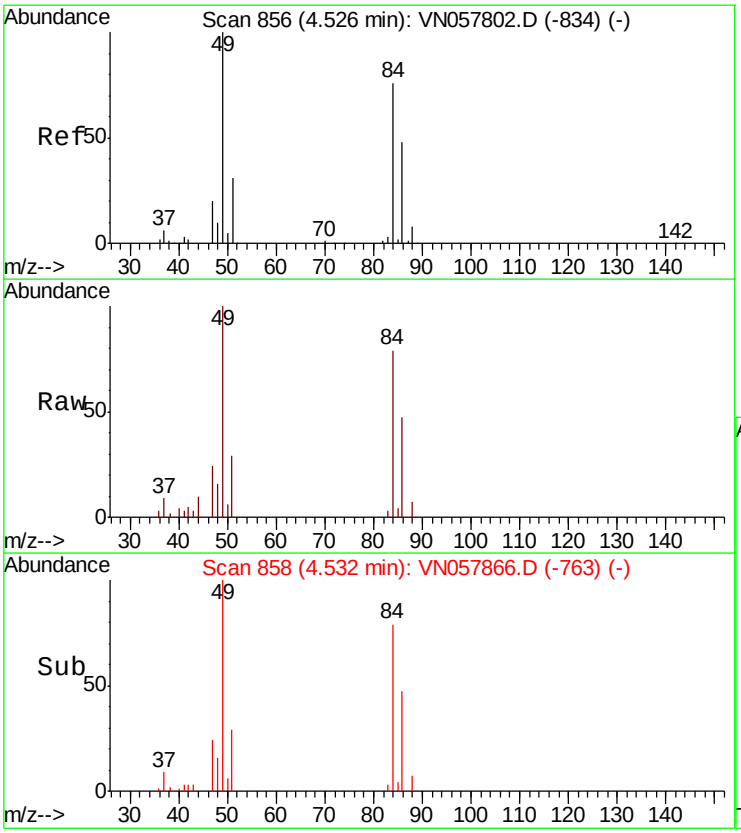
#18
Methyl Acetate
Concen: 0.903 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Instrument : MSVOA_N
ClientSampleId : PAR-11-C1-(0)

Tgt Ion: 43 Resp: 4741

Ion	Ratio	Lower	Upper
43	100		
74	32.1	17.9	26.9#

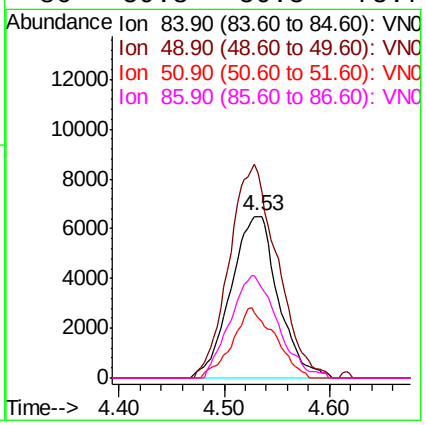


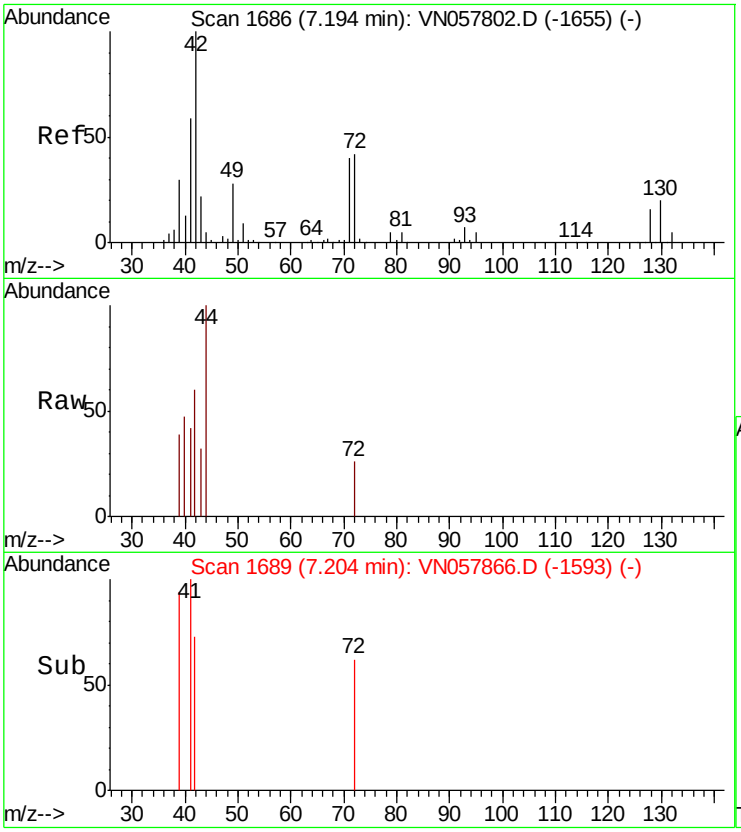


#20
Methylene Chloride
Concen: 4.275 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Tgt Ion: 84 Resp: 20247

Ion	Ratio	Lower	Upper
84	100		
49	127.1	104.8	157.2
51	37.3	33.0	49.4
86	59.8	50.5	75.7



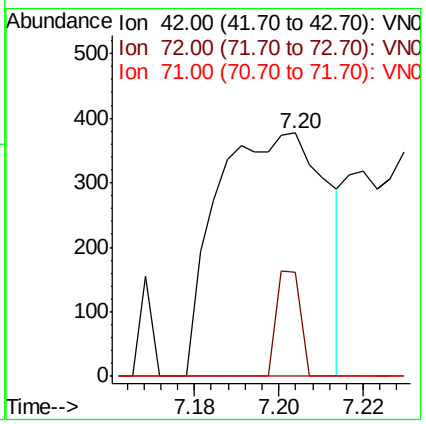


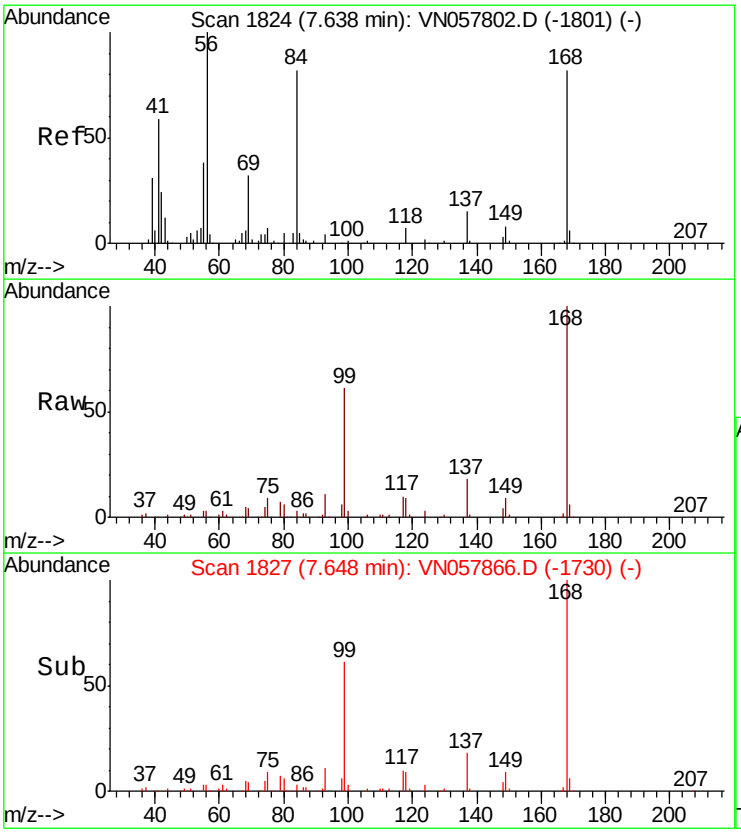
#29
Tetrahydrofuran
Concen: 0.388 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Instrument :
MSVOA_N
ClientSampleId :
PAR-11-C1-(0)

Tgt Ion: 42 Resp: 681

Ion	Ratio	Lower	Upper
42	100		
72	9.3	33.7	50.5#
71	0.0	31.9	47.9#

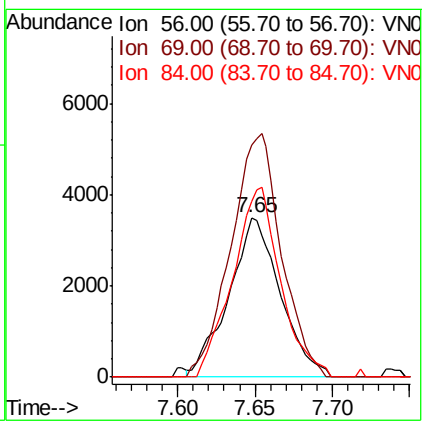


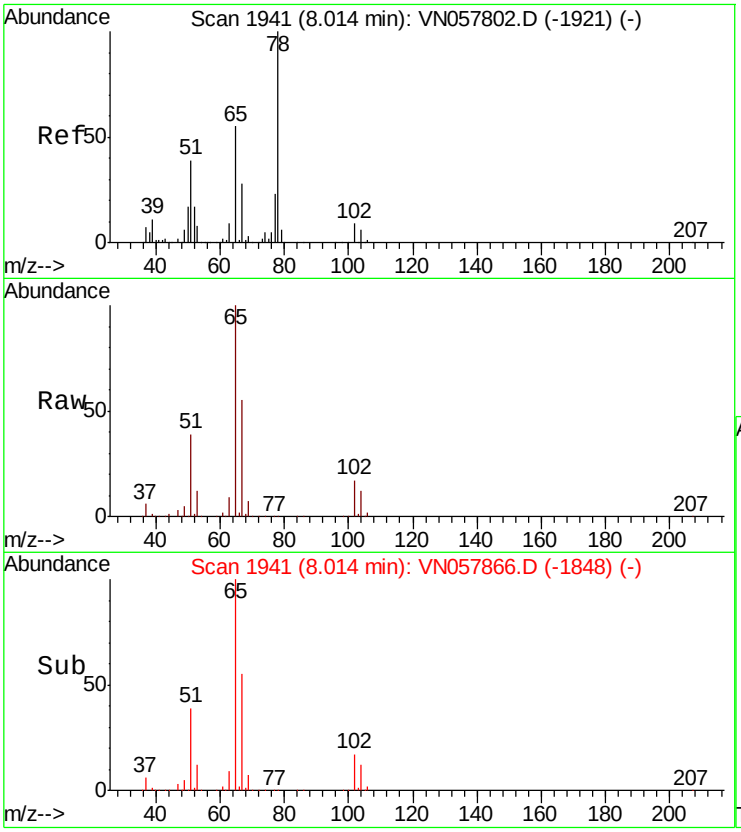


#31
Cyclohexane
Concen: Below Cal
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Tgt Ion: 56 Resp: 8077

Ion	Ratio	Lower	Upper
56	100		
69	145.6	25.9	38.9#
84	110.3	65.6	98.4#



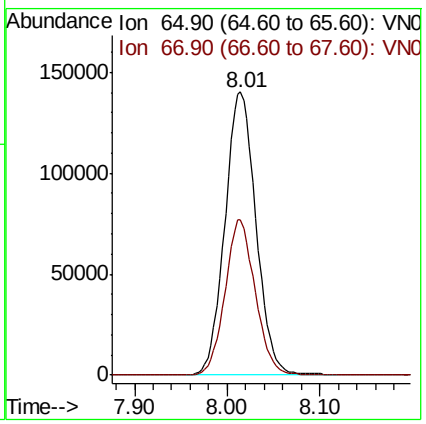


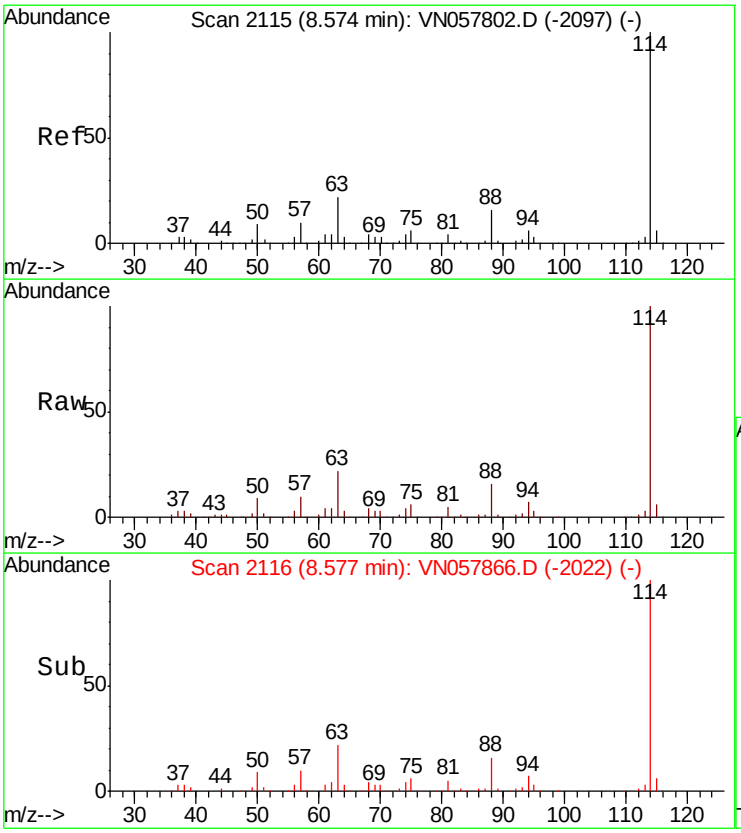
#33
1,2-Dichloroethane-d4
Concen: 54.270 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Instrument :
MSVOA_N
ClientSampleId :
PAR-11-C1-(0)

Tgt Ion: 65 Resp: 326036

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	104.0

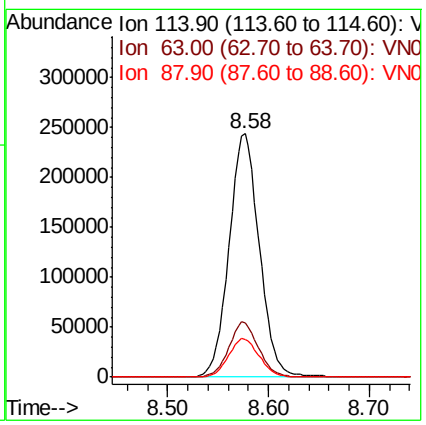


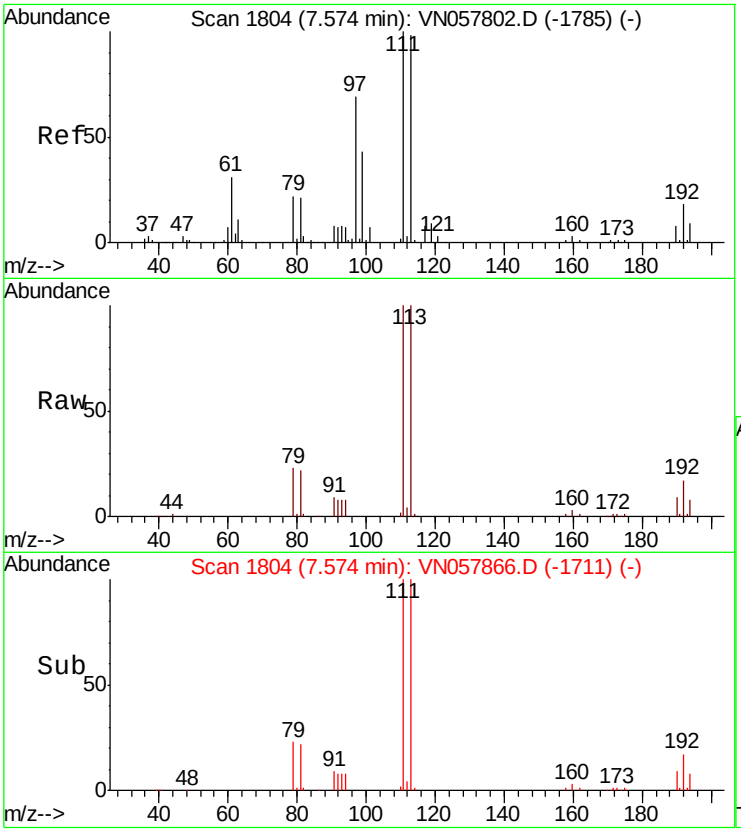


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Tgt Ion:114 Resp: 508142

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	44.0
88	15.6	0.0	31.4



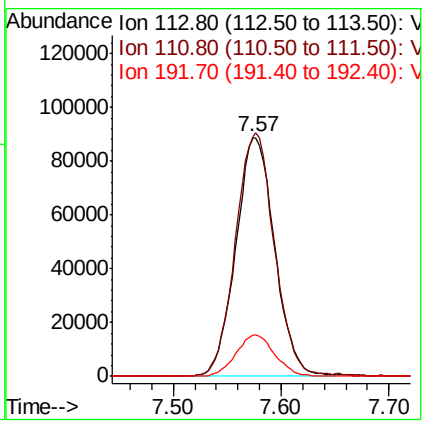


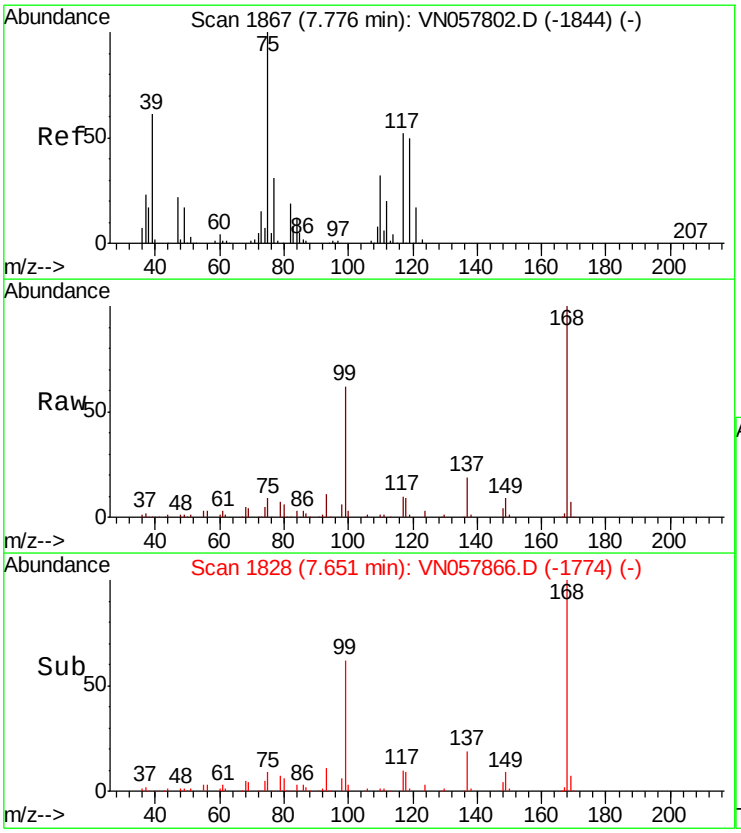
#35
Dibromofluoromethane
Concen: 47.343 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Instrument :
MSVOA_N
ClientSampleId :
PAR-11-C1-(0)

Tgt Ion:113 Resp: 222038

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.3	121.9
192	17.3	14.6	22.0

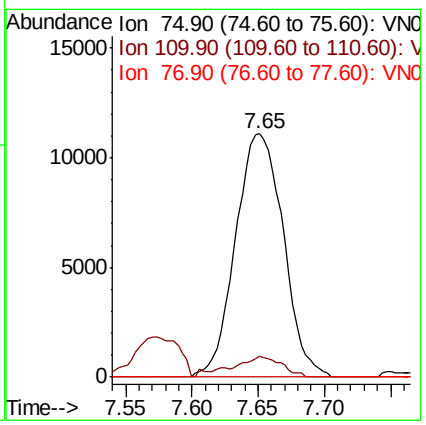


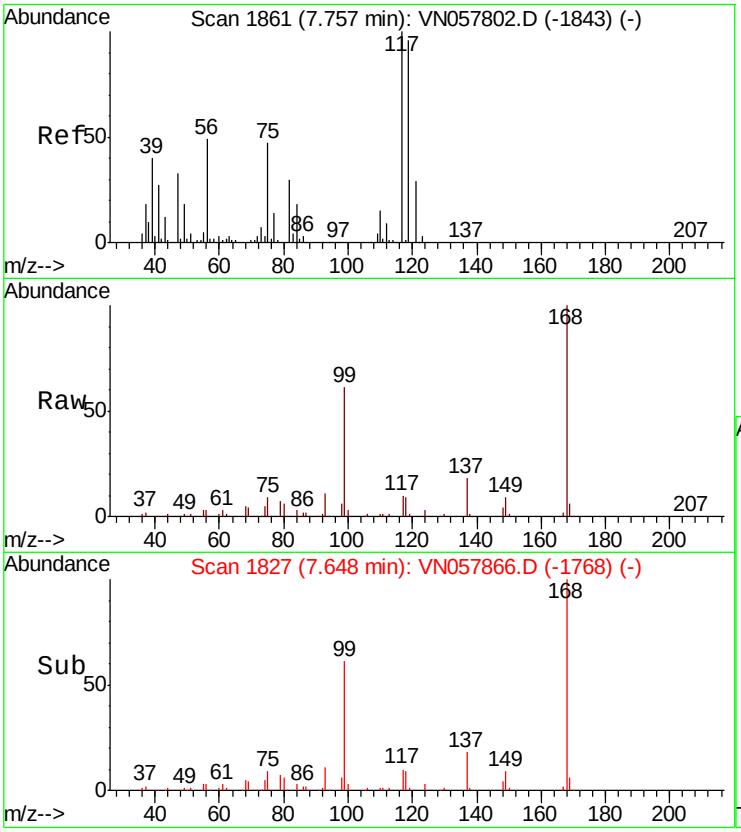


#36
1,1-Dichloropropene
Concen: 4.729 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.13 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Tgt Ion: 75 Resp: 27871

Ion	Ratio	Lower	Upper
75	100		
110	7.0	16.3	48.9#
77	0.0	25.0	37.4#



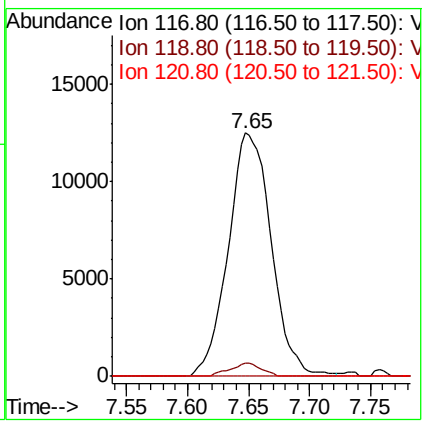


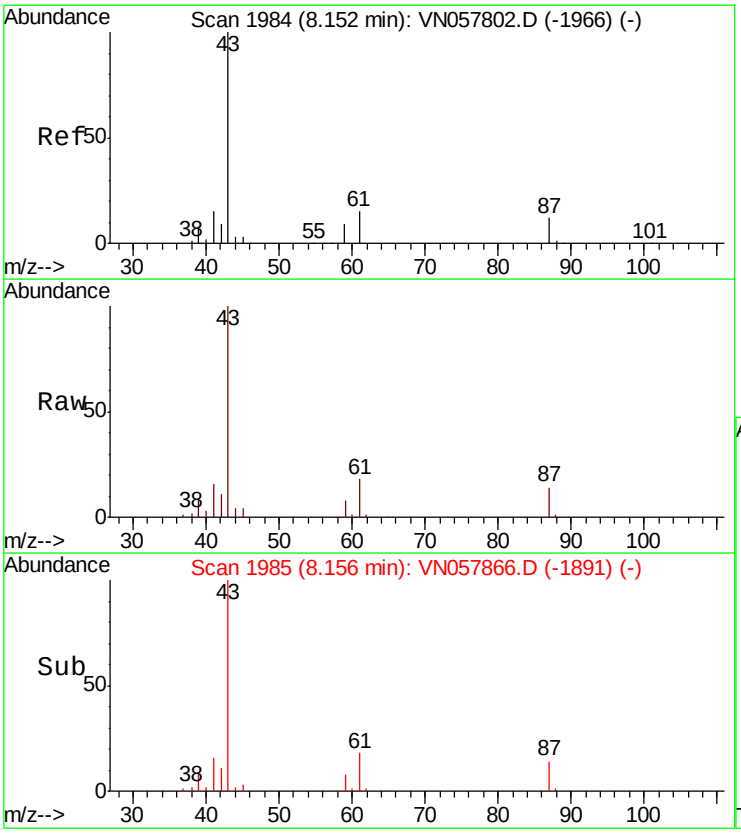
#38
Carbon Tetrachloride
Concen: 5.676 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.11 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Instrument :
MSVOA_N
ClientSampleId :
PAR-11-C1-(0)

Tgt Ion:117 Resp: 30540

Ion	Ratio	Lower	Upper
117	100		
119	5.4	76.9	115.3#
121	0.0	23.4	35.2#

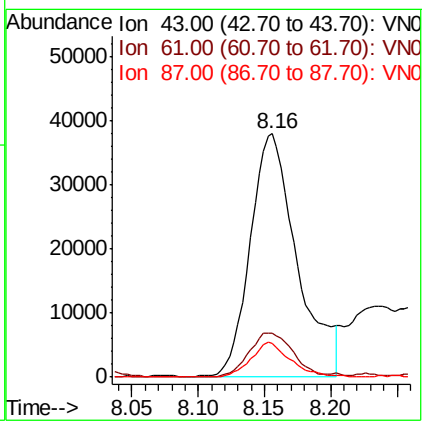


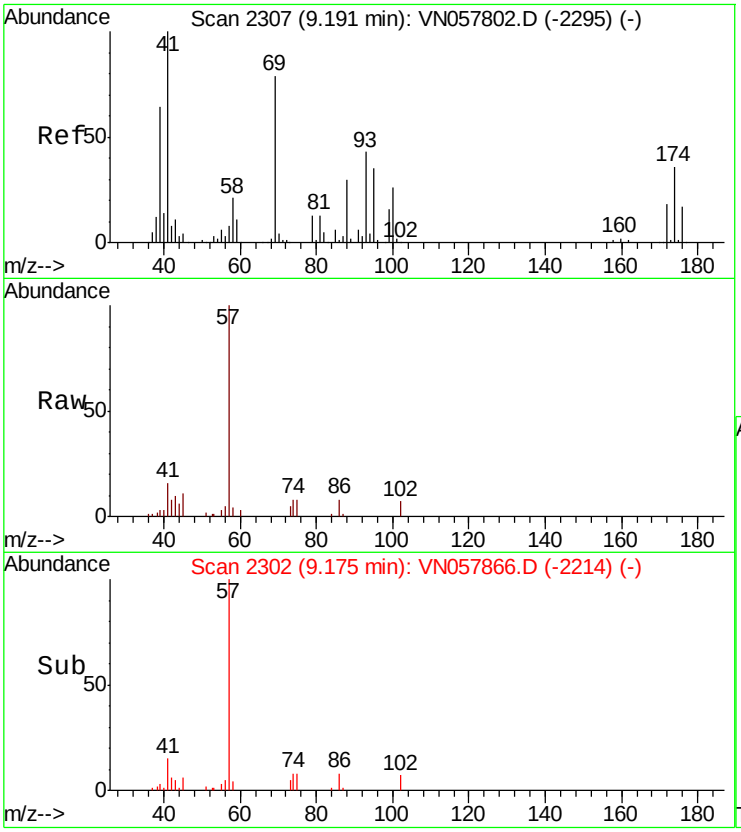


#43
Isopropyl Acetate
Concen: 9.187 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. 0.00 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Tgt Ion: 43 Resp: 94068

Ion	Ratio	Lower	Upper
43	100		
61	17.0	20.1	30.1#
87	11.9	9.5	14.3



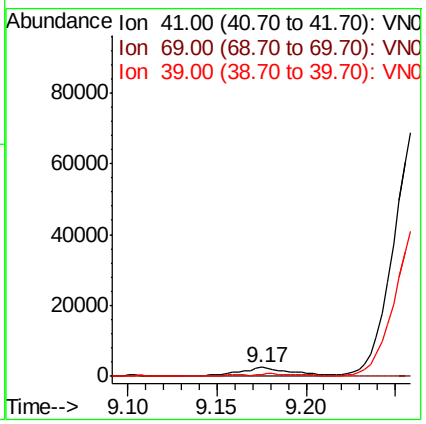


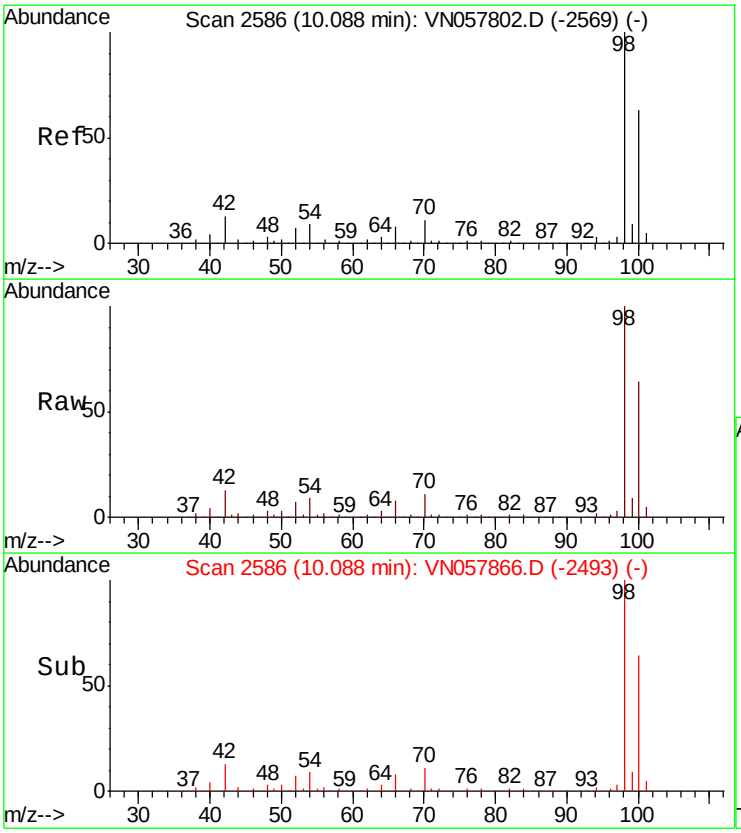
#48
Methyl methacrylate
Concen: 1.025 ug/l
RT: 9.17 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Instrument :
MSVOA_N
ClientSampleId :
PAR-11-C1-(0)

Tgt Ion: 41 Resp: 5322

Ion	Ratio	Lower	Upper
41	100		
69	0.0	62.7	94.1#
39	0.0	52.7	79.1#

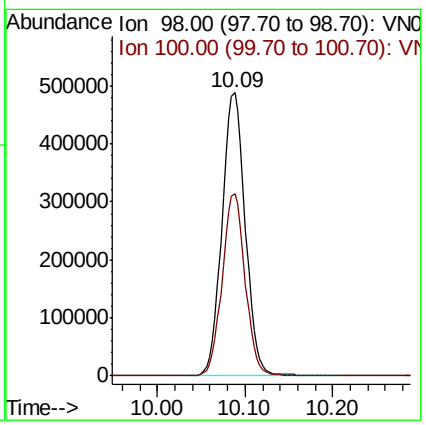


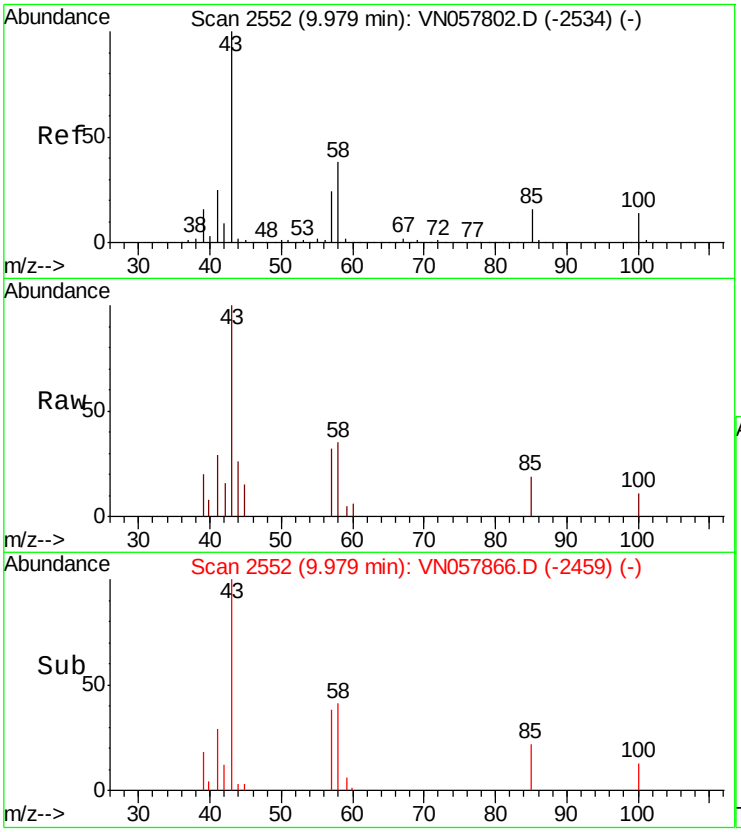


#50
Toluene-d8
Concen: 49.464 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Tgt Ion: 98 Resp: 900687

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.3	75.5



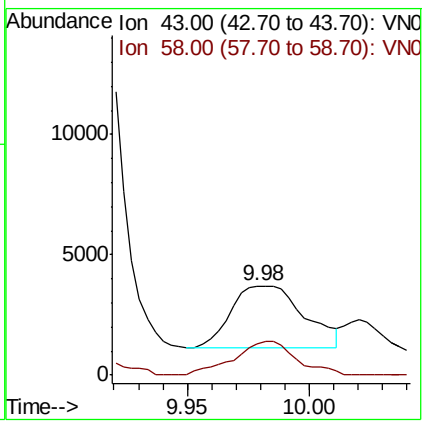


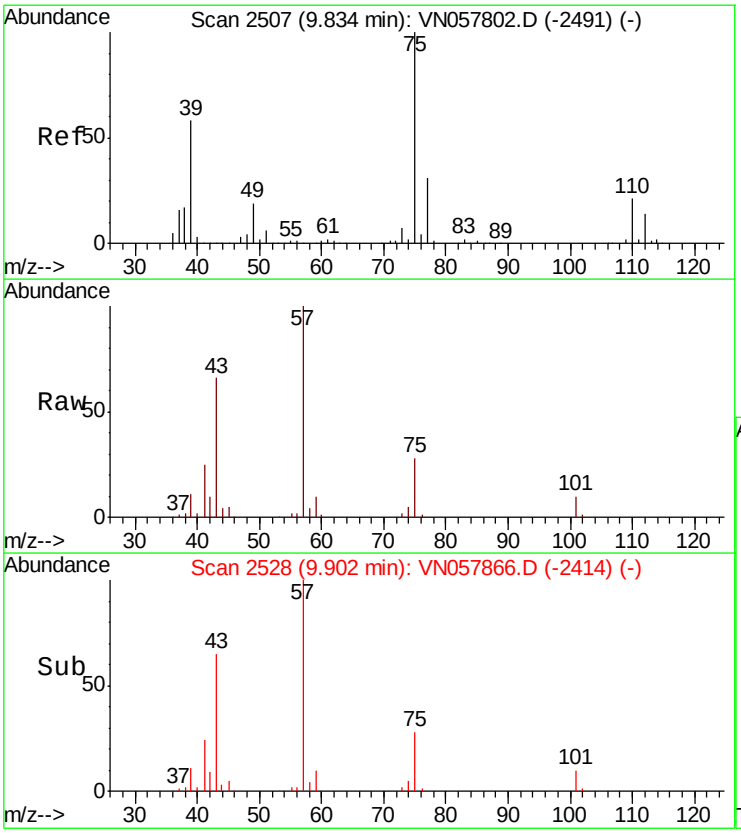
#51
4-Methyl-2-Pentanone
Concen: 0.881 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Instrument :
MSVOA_N
ClientSampleId :
PAR-11-C1-(0)

Tgt Ion: 43 Resp: 5341

Ion	Ratio	Lower	Upper
43	100		
58	46.6	29.8	44.6#

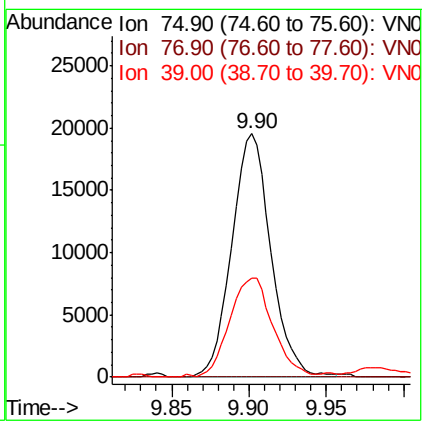


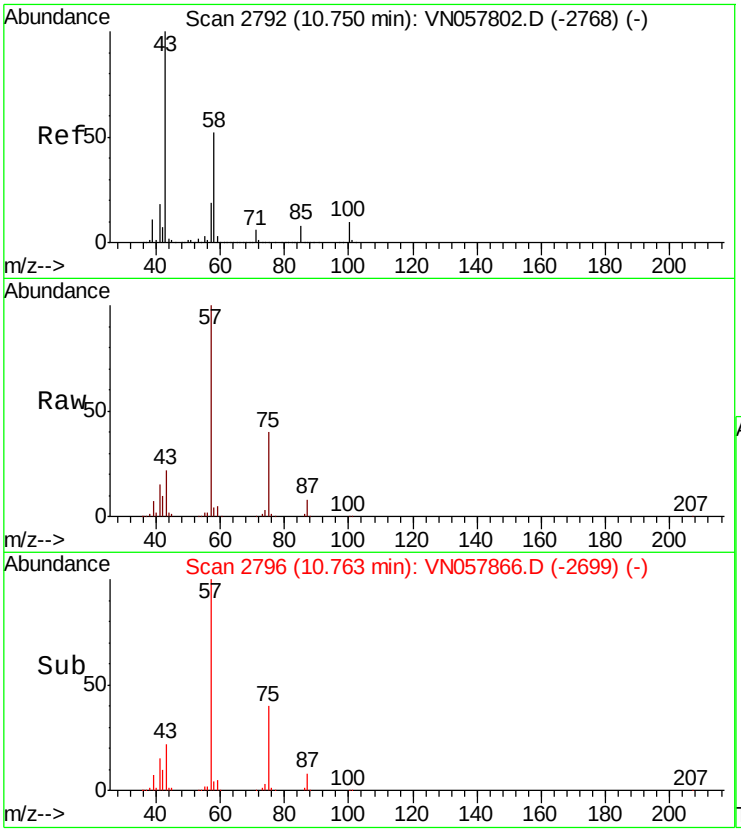


#54
cis-1,3-Dichloropropene
Concen: 4.735 ug/l
RT: 9.90 min Scan# 2528
Delta R.T. 0.07 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Tgt Ion: 75 Resp: 34292

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.8	37.2#
39	39.8	46.2	69.4#



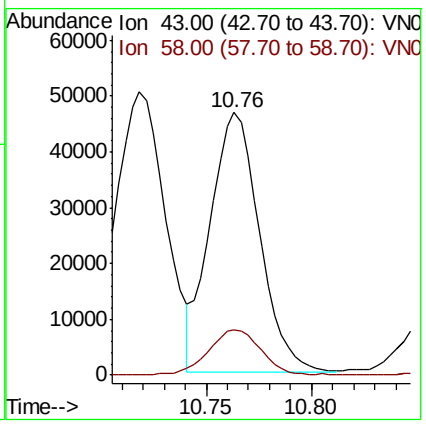


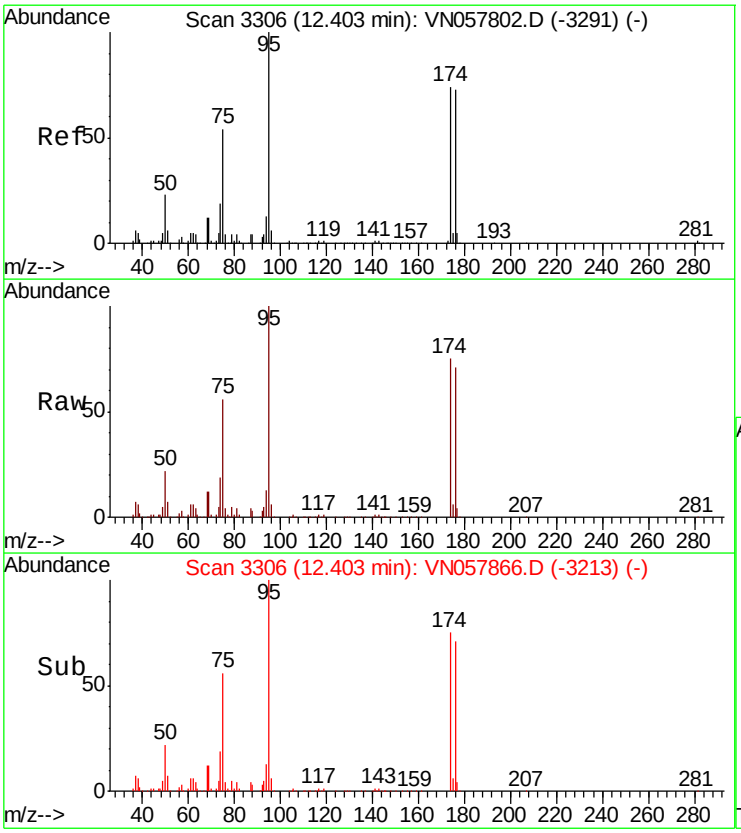
#59
2-Hexanone
Concen: 16.705 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Instrument :
MSVOA_N
ClientSampleId :
PAR-11-C1-(0)

Tgt Ion: 43 Resp: 75869

Ion	Ratio	Lower	Upper
43	100		
58	18.6	25.6	76.8#

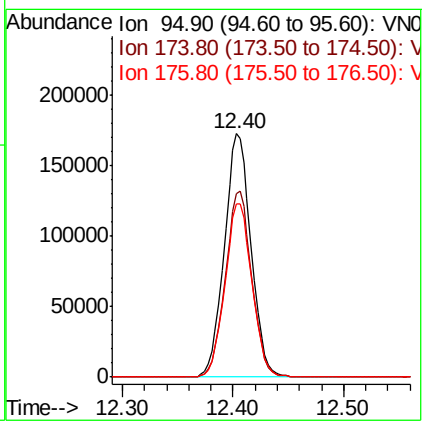


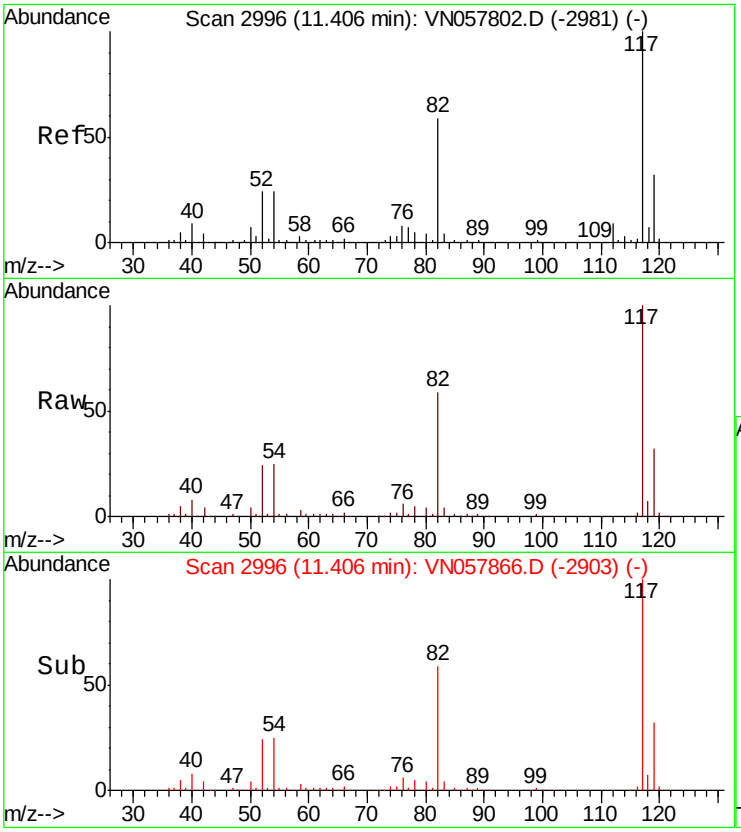


#62
4-Bromofluorobenzene
Concen: 41.592 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Tgt Ion: 95 Resp: 288616

Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	150.2
176	72.4	0.0	146.0



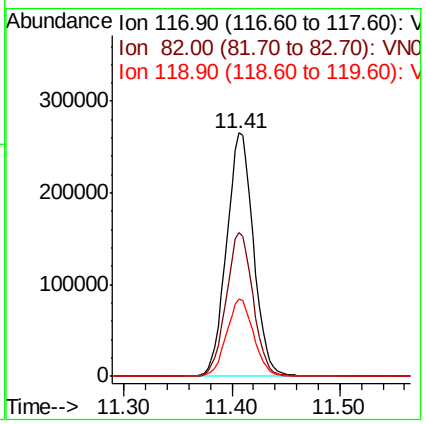


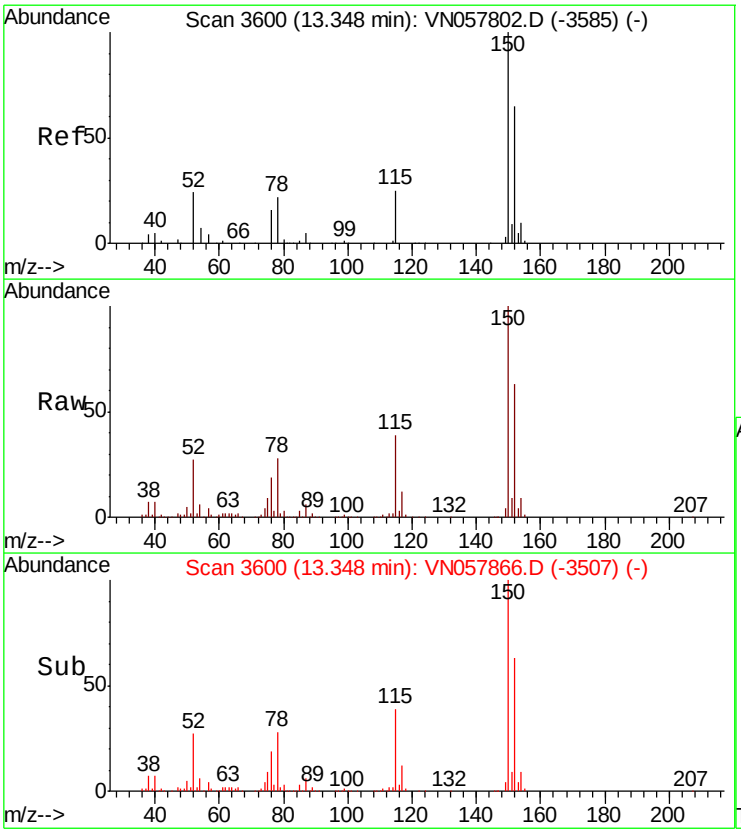
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Instrument :
MSVOA_N
ClientSampleId :
PAR-11-C1-(0)

Tgt Ion:117 Resp: 462125

Ion	Ratio	Lower	Upper
117	100		
82	59.2	47.2	70.8
119	31.5	25.3	37.9

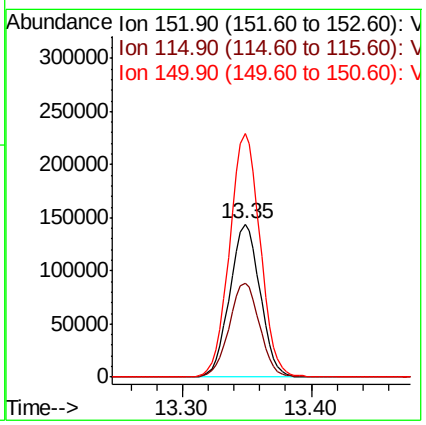


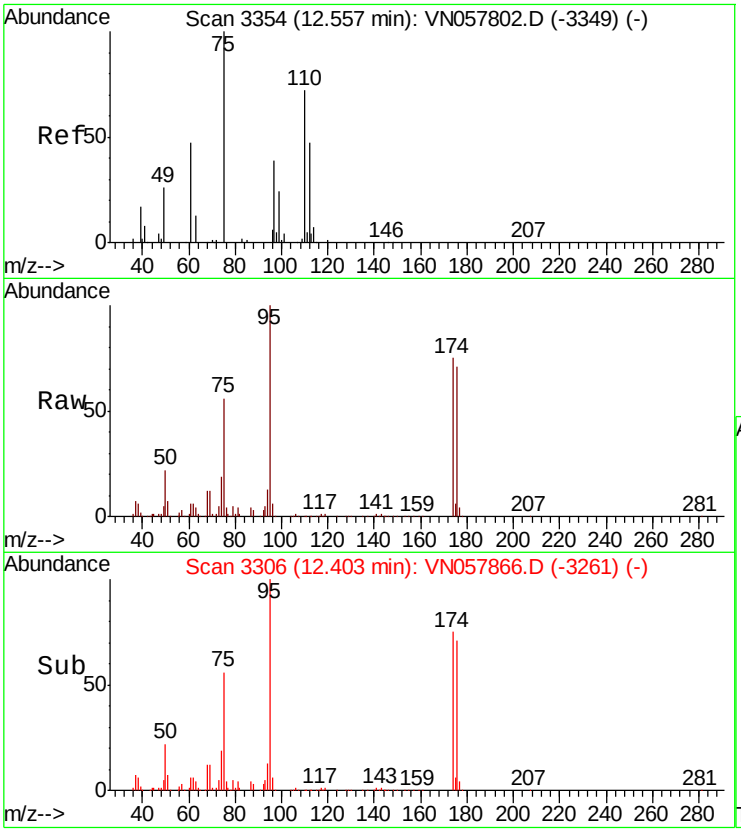


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Tgt Ion:152 Resp: 236240

Ion	Ratio	Lower	Upper
152	100		
115	61.6	30.3	91.0
150	159.5	0.0	352.4



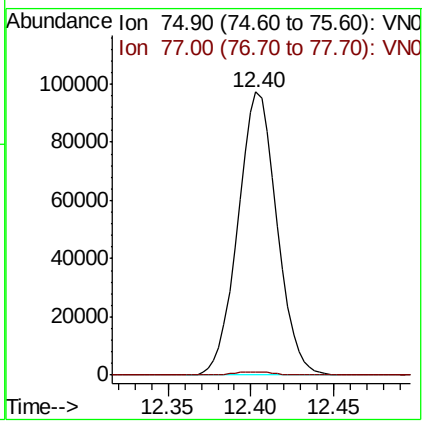


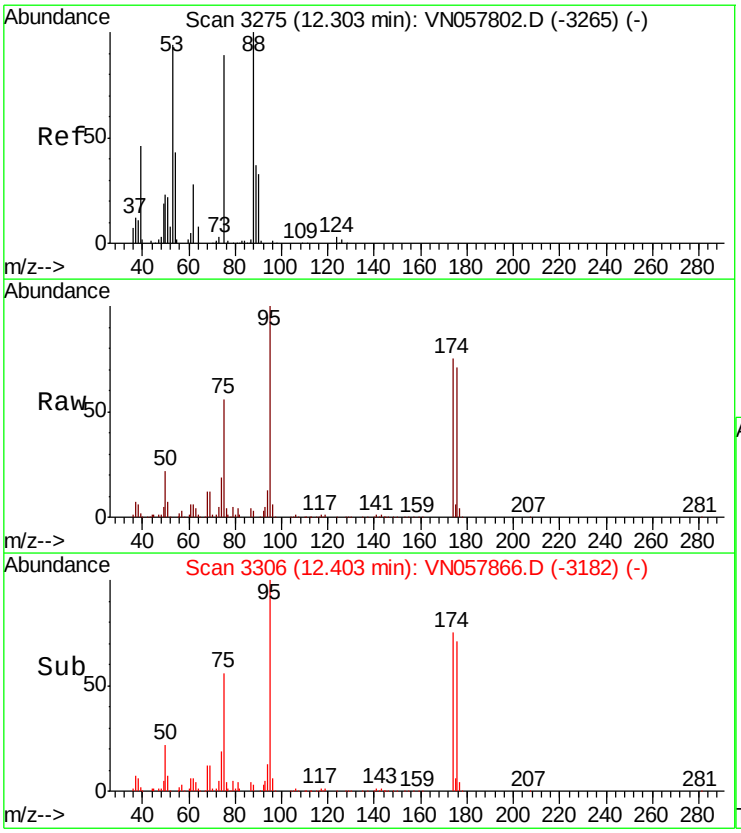
#76
1,2,3-Trichloropropane
Concen: 29.710 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Instrument :
MSVOA_N
ClientSampleId :
PAR-11-C1-(0)

Tgt Ion: 75 Resp: 158773

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

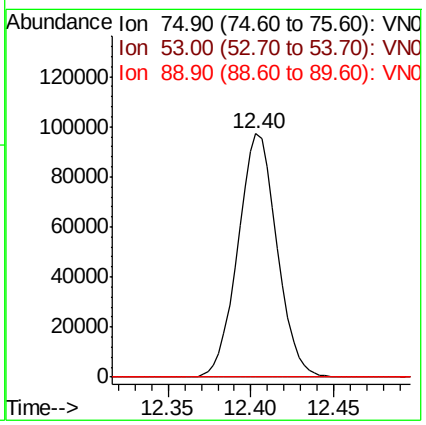


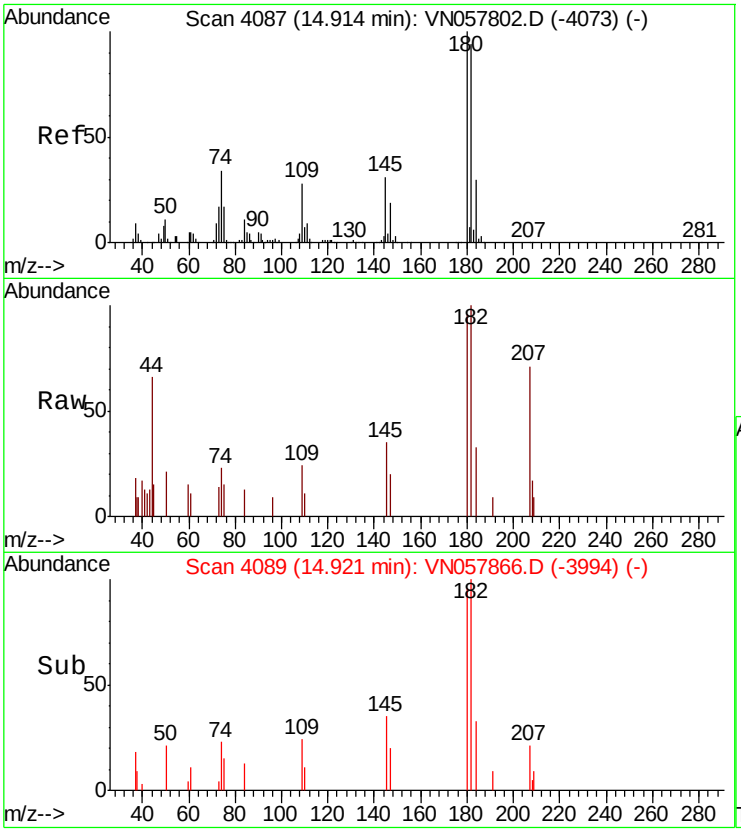


#81
trans-1,4-Dichloro-2-butene
Concen: 104.549 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Tgt Ion: 75 Resp: 158773

Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	35.3	52.9#



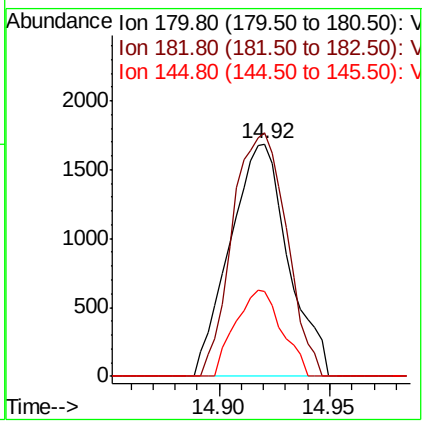


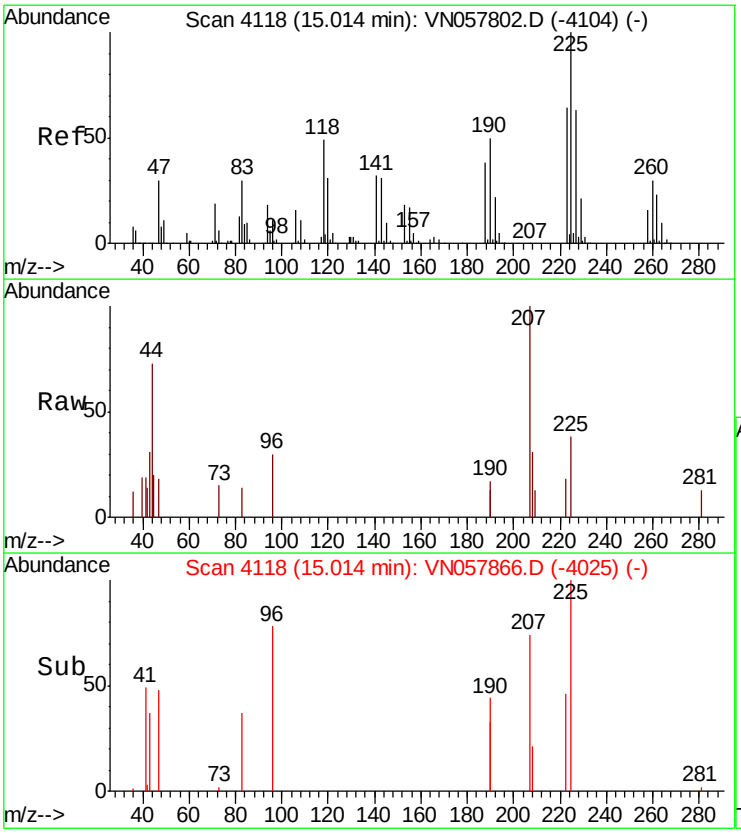
#93
1,2,4-Trichlorobenzene
Concen: 0.563 ug/l
RT: 14.92 min Scan# 4089
Delta R.T. 0.01 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Instrument :
MSVOA_N
ClientSampleId :
PAR-11-C1-(0)

Tgt Ion:180 Resp: 3086

Ion	Ratio	Lower	Upper
180	100		
182	97.3	46.9	140.8
145	29.7	14.9	44.7

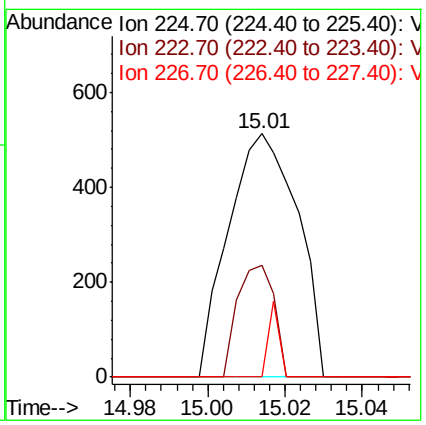


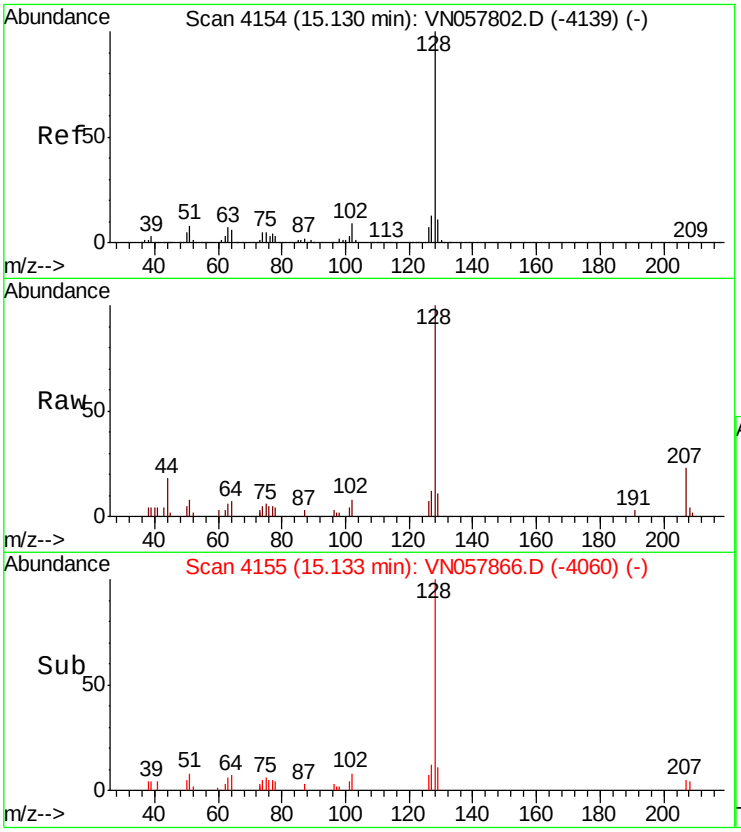


#94
Hexachlorobutadiene
Concen: 0.274 ug/l
RT: 15.01 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Tgt Ion:225 Resp: 636

Ion	Ratio	Lower	Upper
225	100		
223	24.2	32.4	97.2#
227	4.9	31.8	95.4#



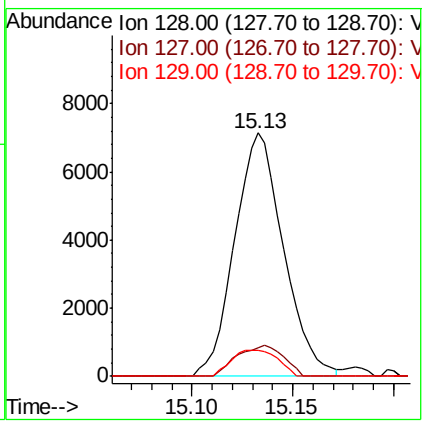


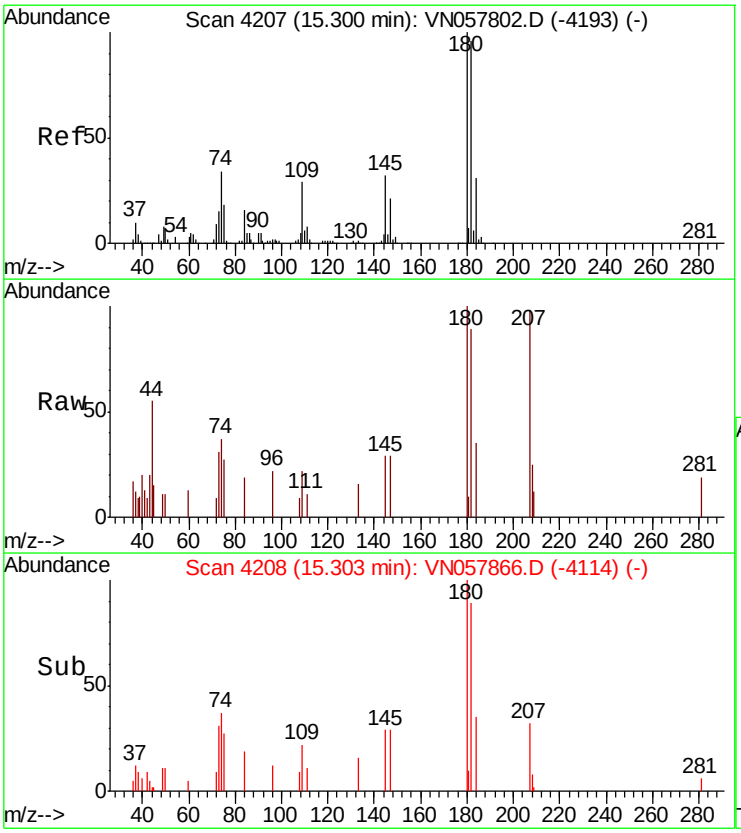
#95
Naphthalene
Concen: Below Cal
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Instrument :
MSVOA_N
ClientSampleId :
PAR-11-C1-(0)

Tgt Ion:128 Resp: 12093

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.3	15.5
129	10.3	8.6	12.8





#96
1,2,3-Trichlorobenzene
Concen: 1.634 ug/l
RT: 15.30 min Scan# 4208
Delta R.T. 0.00 min
Lab File: VN057866.D
Acq: 10 Sep 2019 16:40

Tgt Ion:180 Resp: 3102

Ion	Ratio	Lower	Upper
180	100		
182	100.0	48.3	144.8
145	24.9	16.3	48.8