Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050919\
Data File : VN055486.D
Acq On : 9 May 2019 10:34
Operator : JC/SP
Sample : VN0509MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0509MBL01

Quant Time: May 09 11:04:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 04:17:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	833103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1406360	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1158339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	302866	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	579354	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.38%			
35) Dibromofluoromethane	7.59	113	447798	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.72%			
50) Toluene-d8	10.09	98	1687938	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.48%			
62) 4-Bromofluorobenzene	12.40	95	474694	39.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 79.64%			
Target Compounds						Qvalue
13) Acrolein	3.62	56	1039	0.842	ug/l #	36
16) Acetone	3.83	43	1695	0.292	ug/l	96
18) Methyl Acetate	4.35	43	6951	Below Cal	#	84
31) Cyclohexane	7.66	56	18382	0.908	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	68141	4.918	ug/l #	50
38) Carbon Tetrachloride	7.66	117	80169	6.872	ug/l #	15
43) Isopropyl Acetate	8.30	43	23229	1.012	ug/l #	63
49) 1,4-Dioxane	9.21	88	152	0.705	ug/l #	13
51) 4-Methyl-2-Pentanone	9.98	43	4452	0.295	ug/l	90
58) 2-Chloroethyl Vinyl ether	9.84	63	30	12.517	ug/l #	52
59) 2-Hexanone	10.76	43	7194	0.679	ug/l	100
73) Isopropylbenzene	12.25	105	1987	Below Cal	#	71
75) 1,1,2,2-Tetrachloroethane	12.50	83	814	Below Cal		74
76) 1,2,3-Trichloropropane	12.40	75	238109	28.879	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	238109	106.560	ug/l #	7
87) 1,3-Dichlorobenzene	13.29	146	2546	0.247	ug/l	92
88) 1,4-Dichlorobenzene	13.29	146	2546	0.250	ug/l	90
89) n-Butylbenzene	13.62	91	6370	0.366	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	3807	0.369	ug/l	92
93) 1,2,4-Trichlorobenzene	14.91	180	4519	4.148	ug/l	92
94) Hexachlorobutadiene	15.00	225	1431	Below Cal		84
95) Naphthalene	15.13	128	12172	3.844	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	5502	3.500	ug/l	94

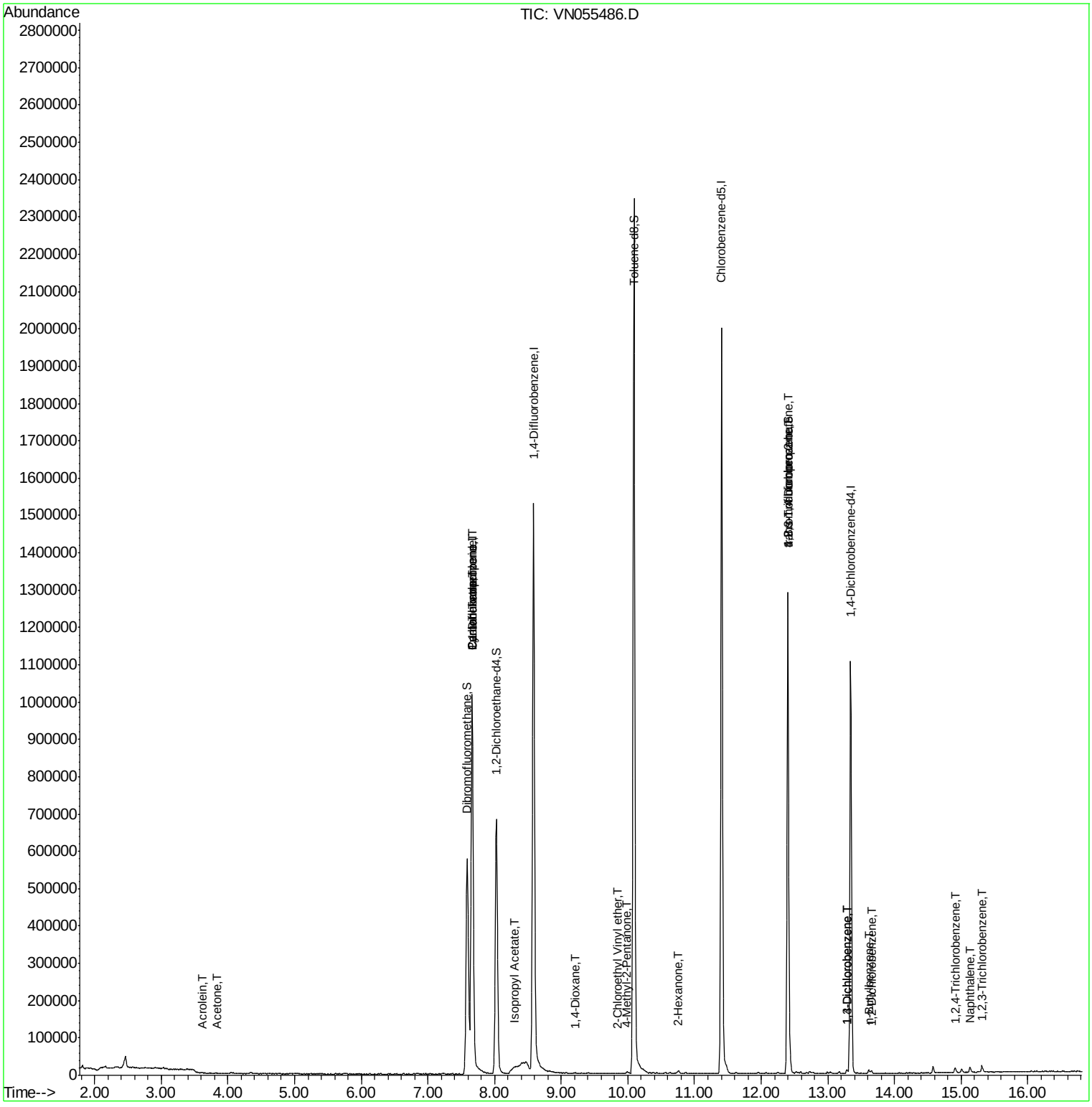
(#) = qualifier out of range (m) = manual integration (+) = signals summed

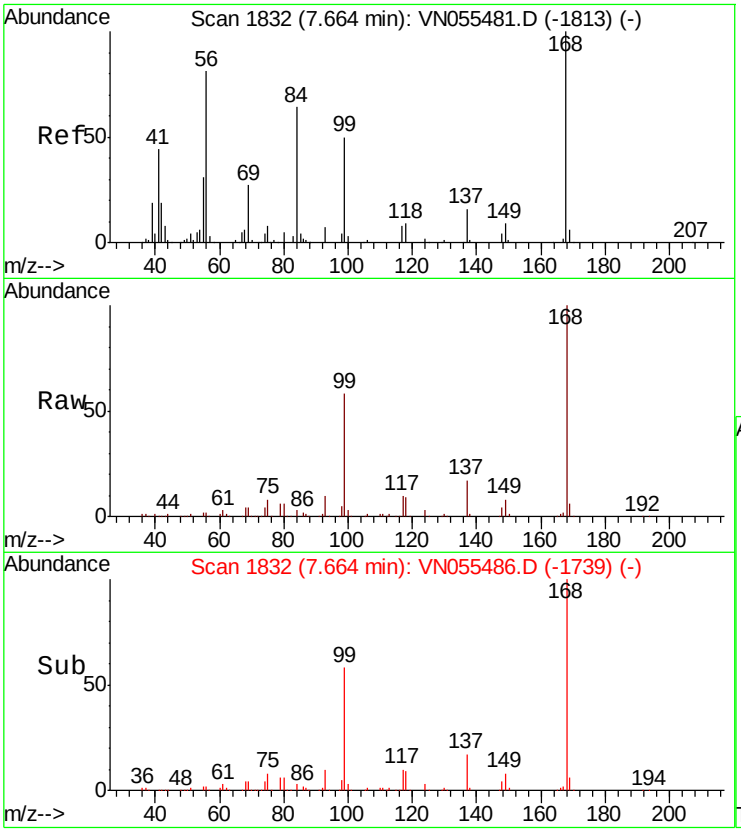
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050919\
Data File : VN055486.D
Acq On : 9 May 2019 10:34
Operator : JC/SP
Sample : VN0509MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0509MBL01

Quant Time: May 09 11:04:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 04:17:44 2019
Response via : Initial Calibration



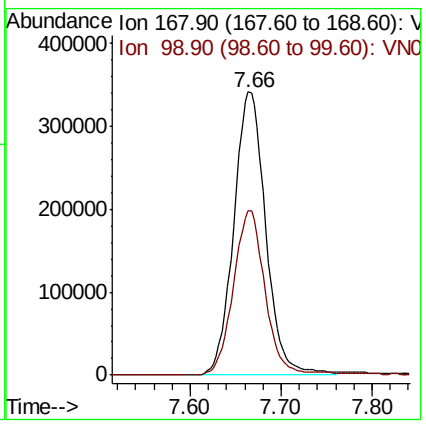


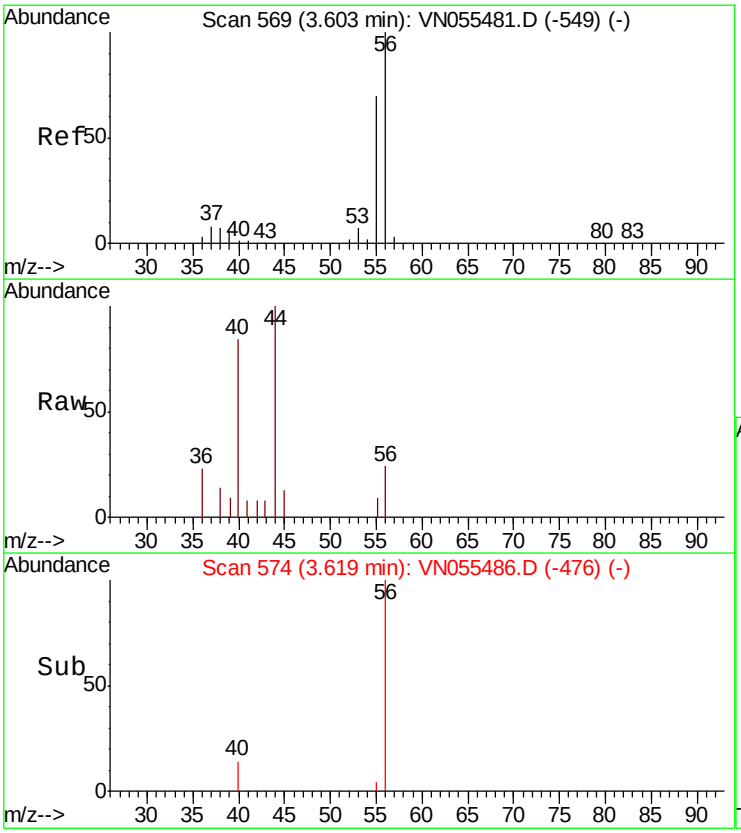
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0509MBL01

Tgt Ion:168 Resp: 833103

Ion	Ratio	Lower	Upper
168	100		
99	57.9	47.0	70.4

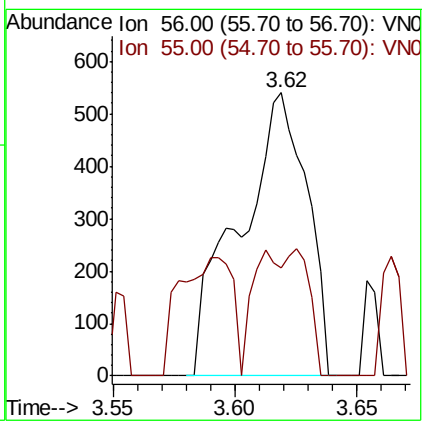


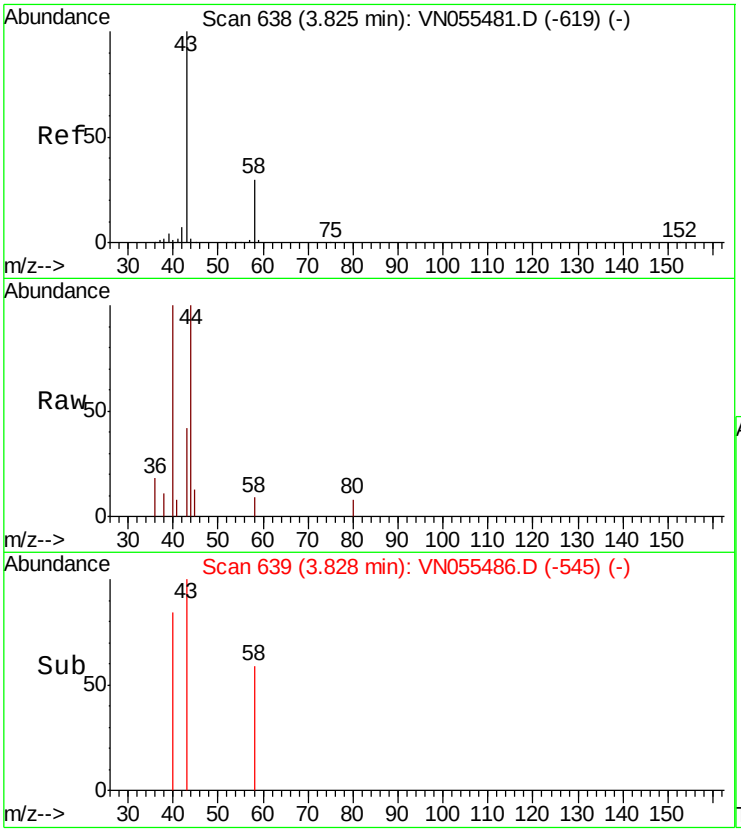


#13
Acrolein
Concen: 0.842 ug/l
RT: 3.62 min Scan# 574
Delta R.T. 0.02 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Tgt Ion: 56 Resp: 1039

Ion	Ratio	Lower	Upper
56	100		
55	18.9	57.7	86.5#



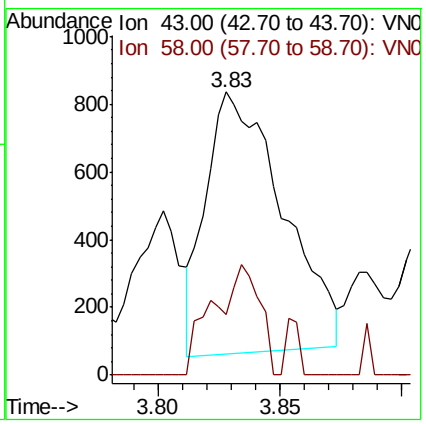


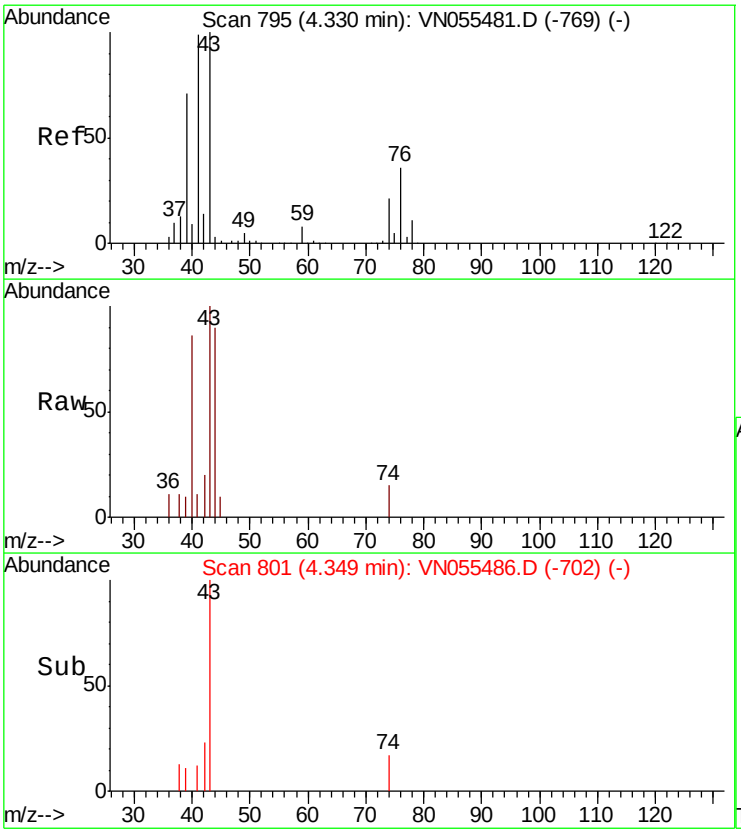
#16
Acetone
Concen: 0.292 ug/l
RT: 3.83 min Scan# 639
Delta R.T. 0.00 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0509MBL01

Tgt Ion: 43 Resp: 1695

Ion	Ratio	Lower	Upper
43	100		
58	27.8	24.2	36.2

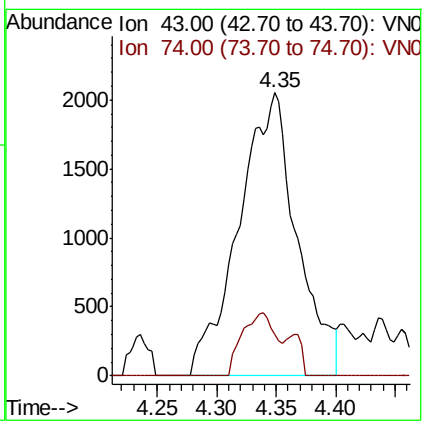


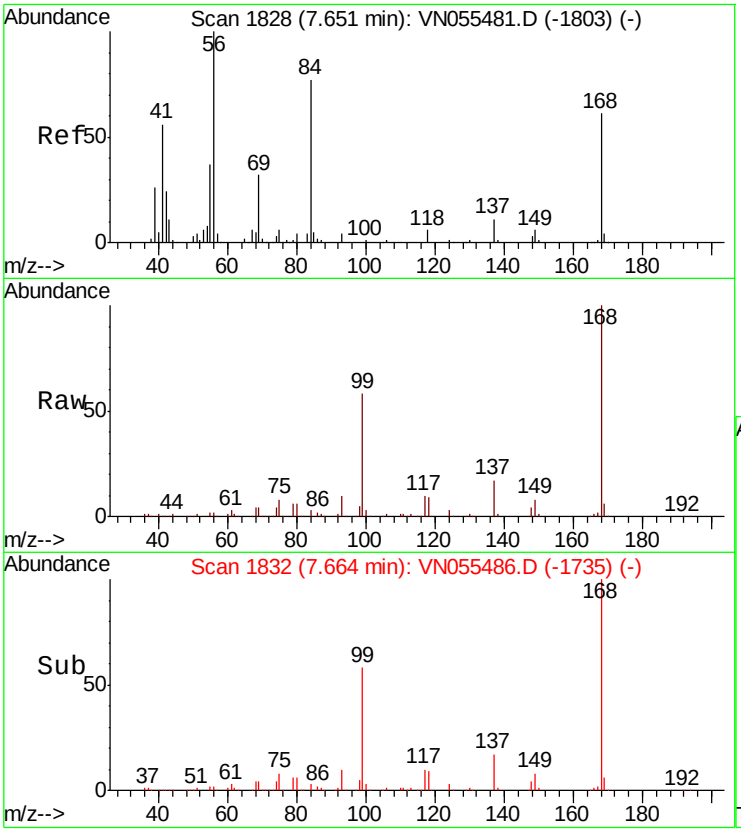


#18
Methyl Acetate
Concen: Below Cal
RT: 4.35 min Scan# 801
Delta R.T. 0.02 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Tgt Ion: 43 Resp: 6951

Ion	Ratio	Lower	Upper
43	100		
74	12.8	16.3	24.5#



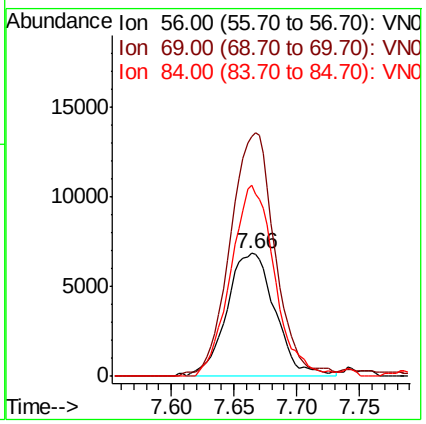


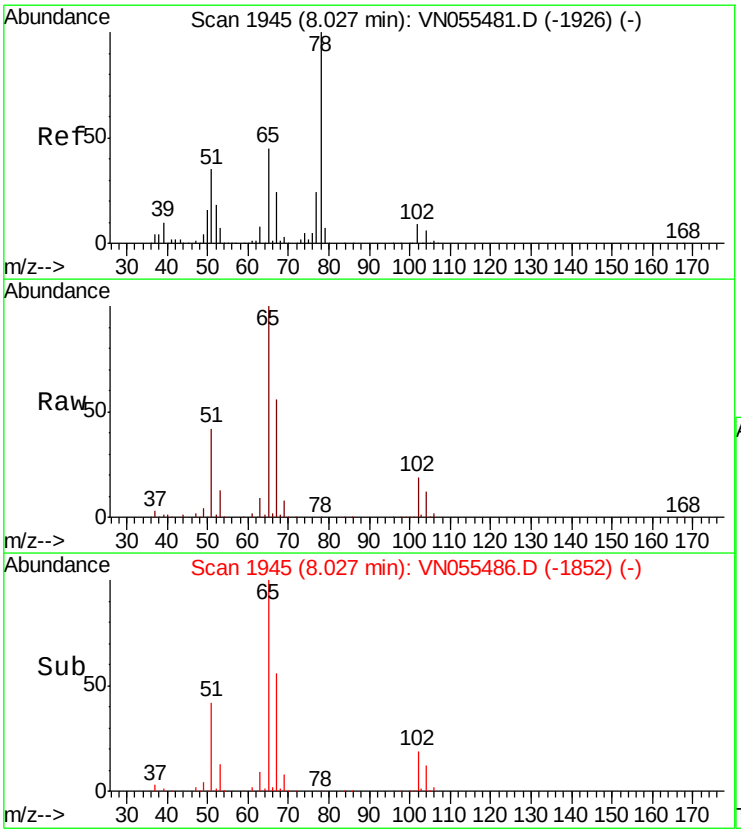
#31
Cyclohexane
Concen: 0.908 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0509MBL01

Tgt Ion: 56 Resp: 18382

Ion	Ratio	Lower	Upper
56	100		
69	191.8	26.0	39.0#
84	155.9	61.9	92.9#

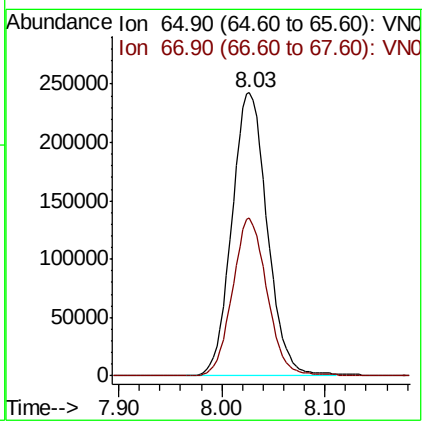


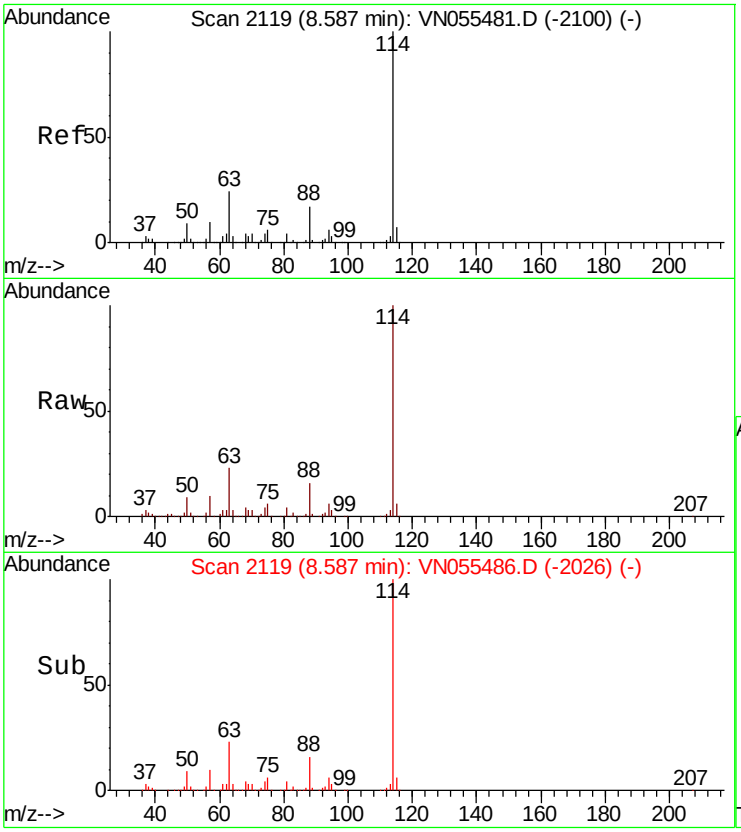


#33
1,2-Dichloroethane-d4
Concen: 46.187 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Tgt Ion: 65 Resp: 579354

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	109.6



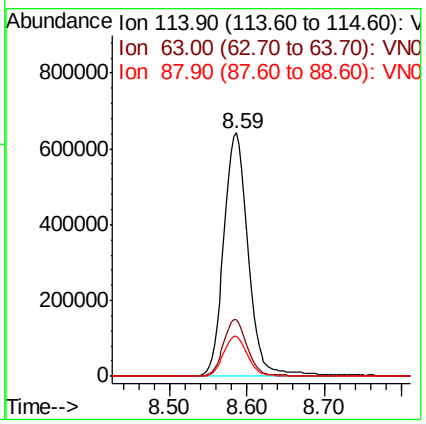


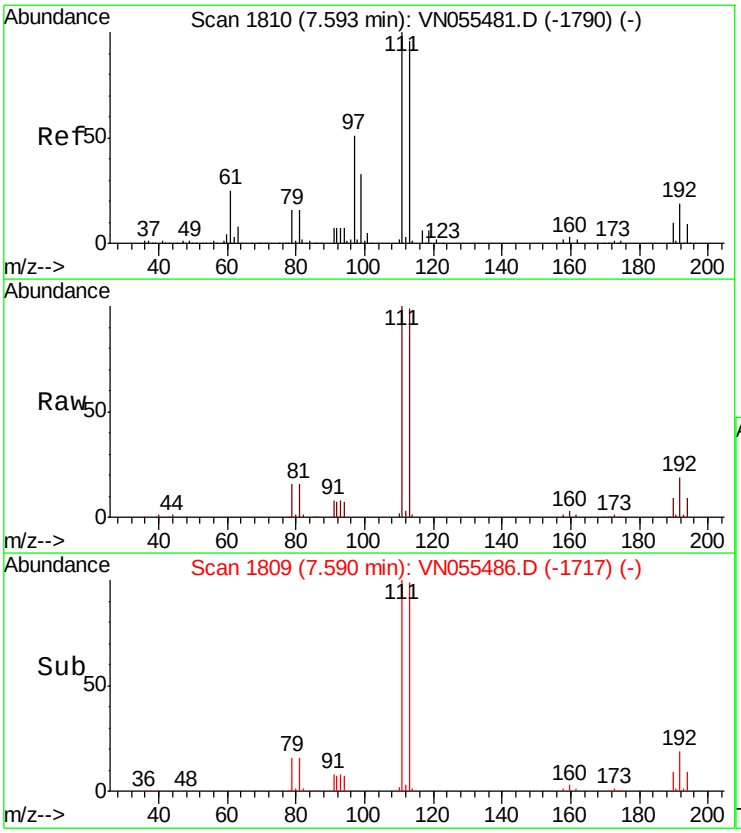
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0509MBL01

Tgt Ion:114 Resp: 1406360

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	47.4
88	16.3	0.0	34.0

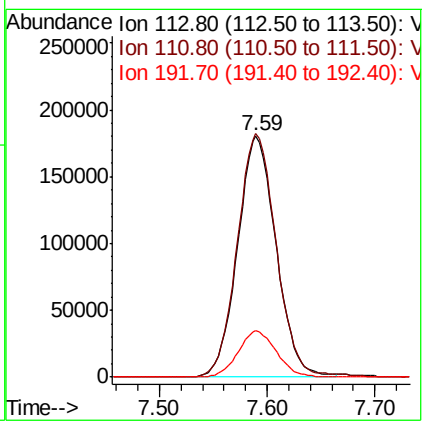


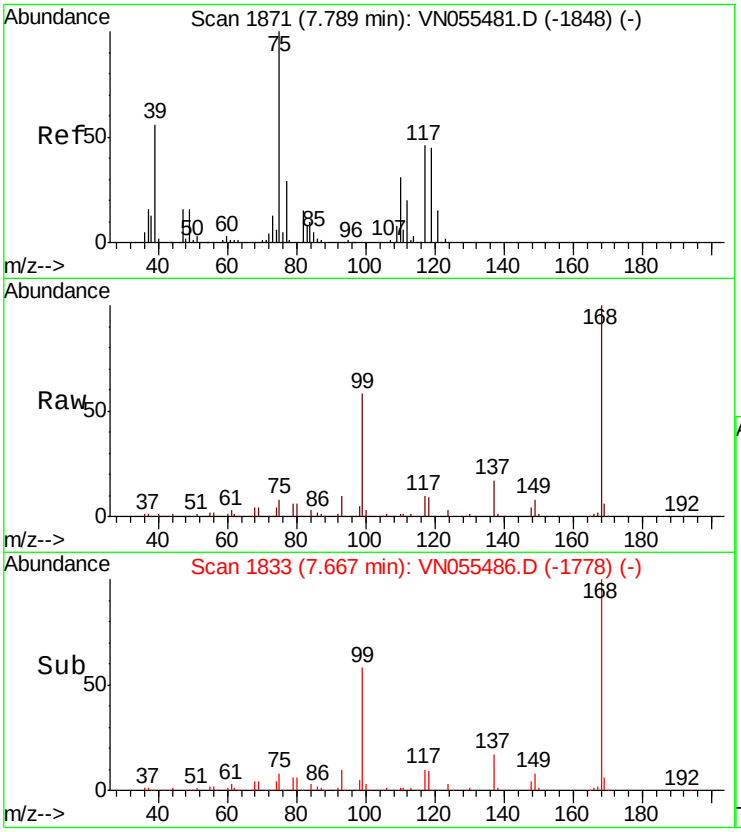


#35
Dibromofluoromethane
Concen: 49.360 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Tgt Ion:113 Resp: 447798

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	19.1	15.6	23.4



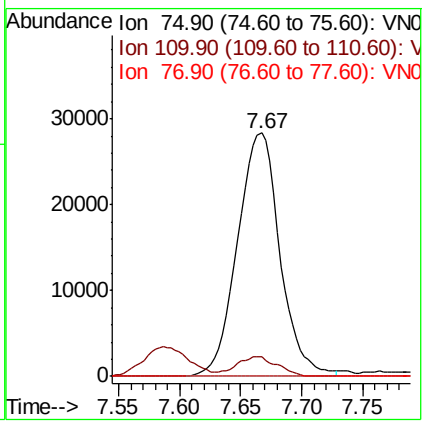


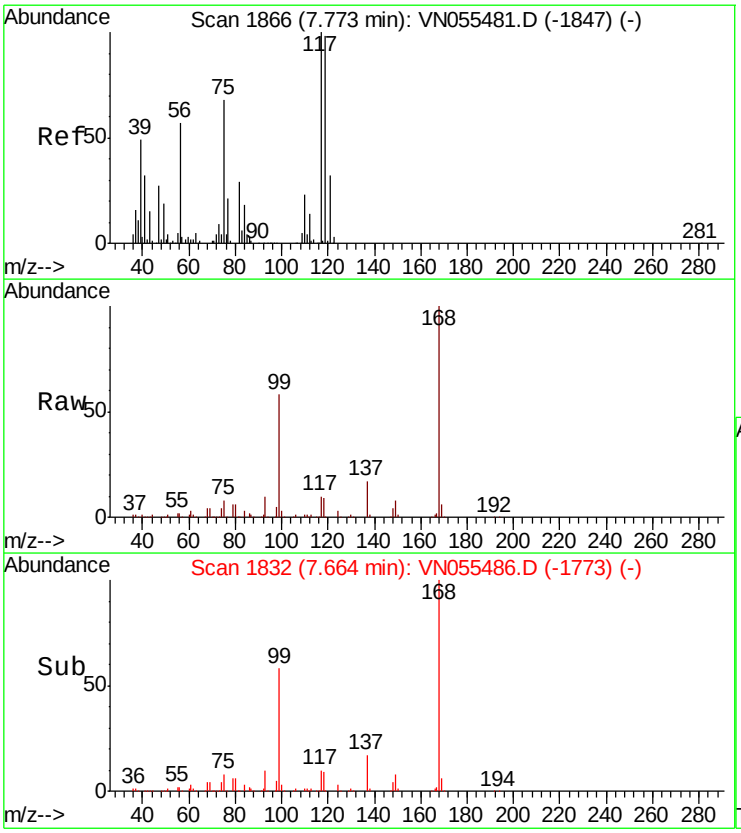
#36
1,1-Dichloropropene
Concen: 4.918 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.12 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0509MBL01

Tgt Ion: 75 Resp: 68141

Ion	Ratio	Lower	Upper
75	100		
110	7.7	16.1	48.3#
77	0.0	24.6	37.0#

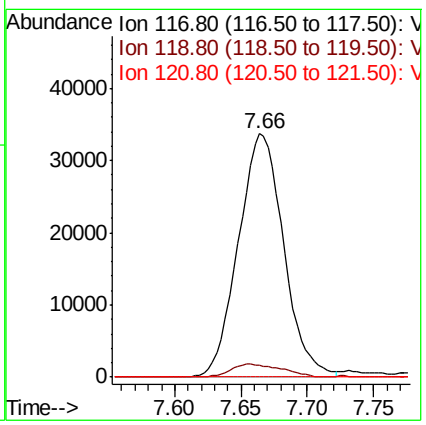


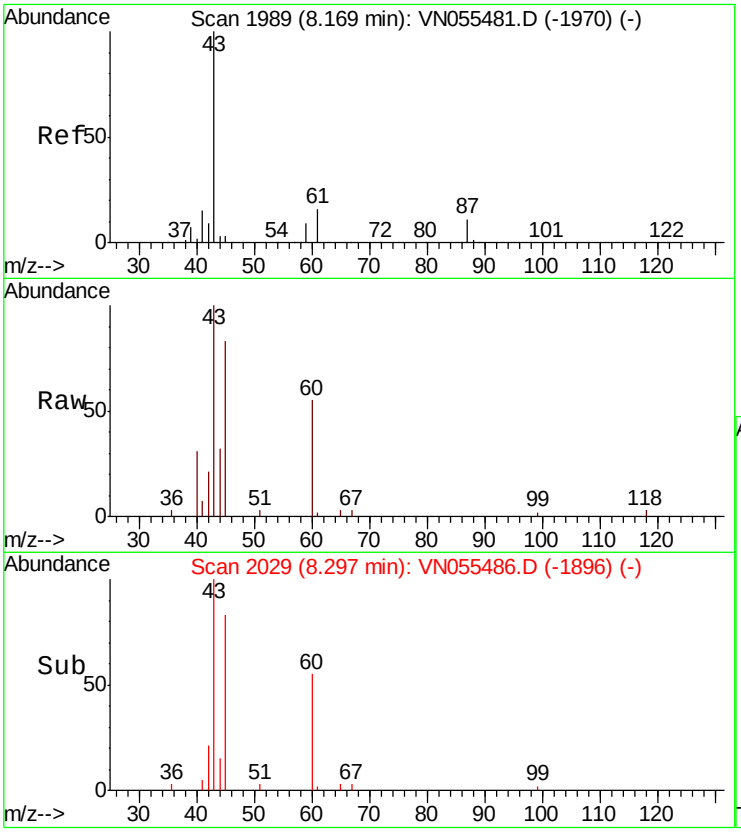


#38
Carbon Tetrachloride
Concen: 6.872 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Tgt Ion:117 Resp: 80169

Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.8	116.6#
121	0.0	25.2	37.8#



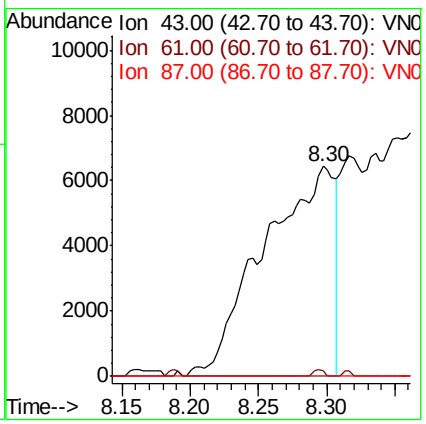


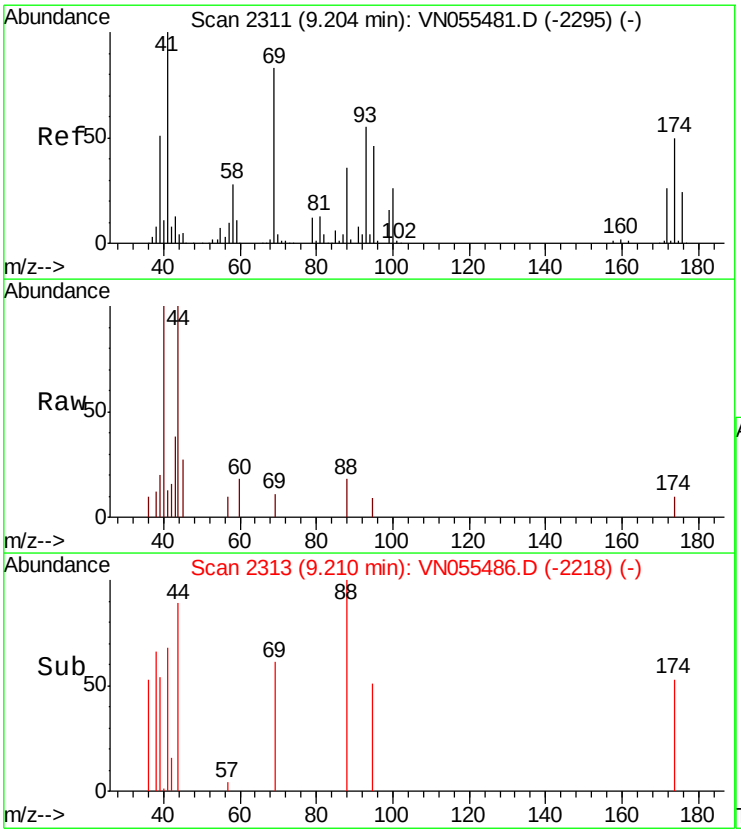
#43
Isopropyl Acetate
Concen: 1.012 ug/l
RT: 8.30 min Scan# 2029
Delta R.T. 0.13 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Instrument : MSVOA_N
ClientSampleId : VN0509MBL01

Tgt Ion: 43 Resp: 23229

Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.1	22.7#
87	0.0	9.0	13.6#

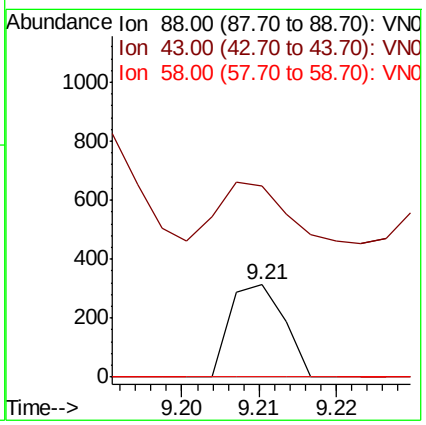


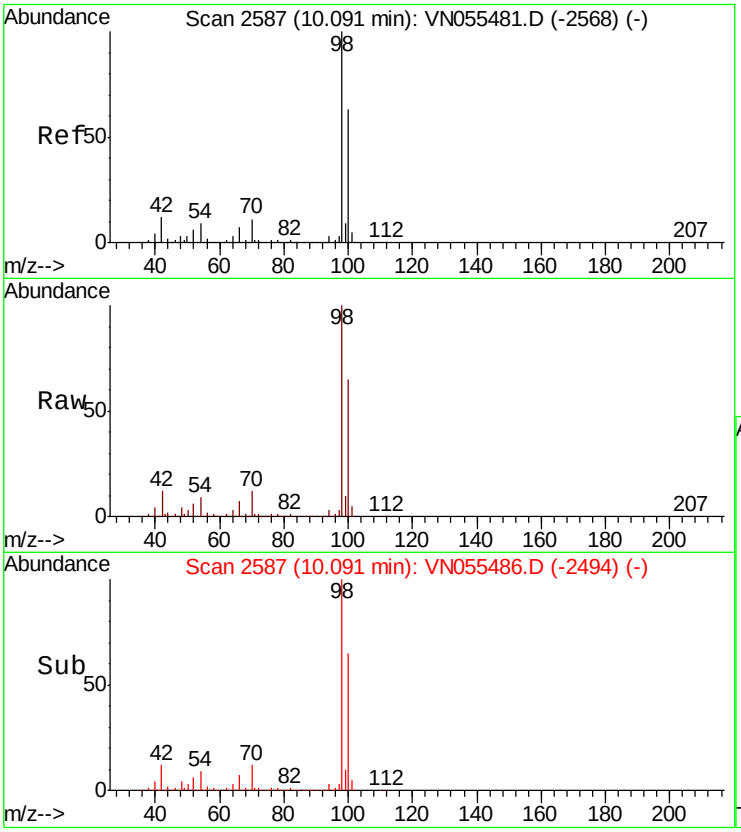


#49
1,4-Dioxane
Concen: 0.705 ug/l
RT: 9.21 min Scan# 2313
Delta R.T. 0.01 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Tgt Ion: 88 Resp: 152

Ion	Ratio	Lower	Upper
88	100		
43	81.6	27.8	41.8#
58	0.0	61.8	92.6#



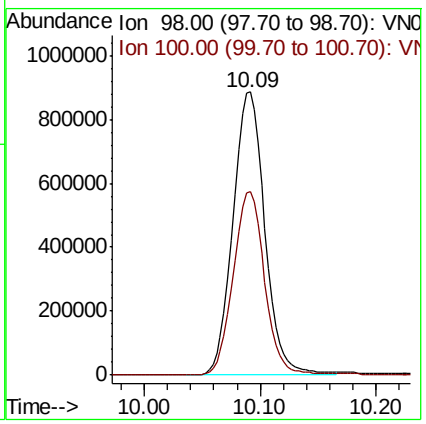


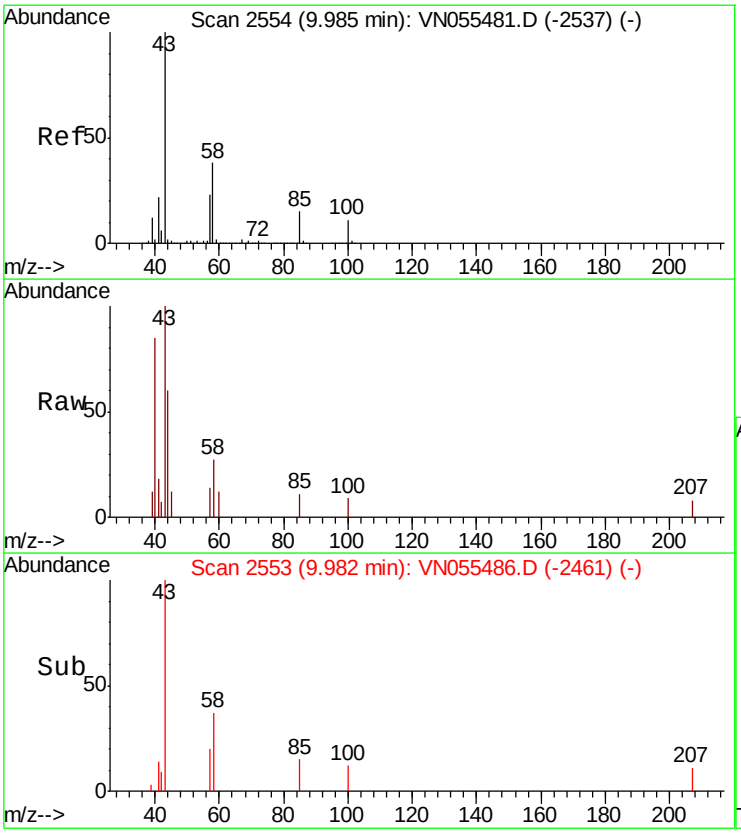
#50
Toluene-d8
Concen: 47.745 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0509MBL01

Tgt Ion: 98 Resp: 1687938

Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.4	75.6

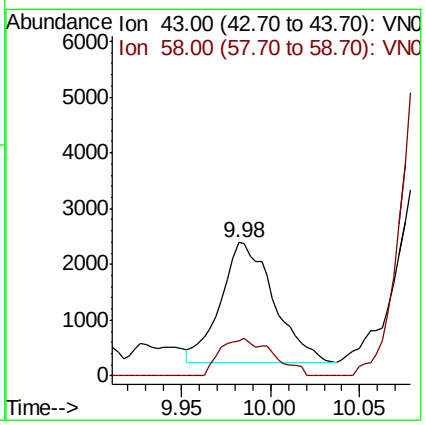


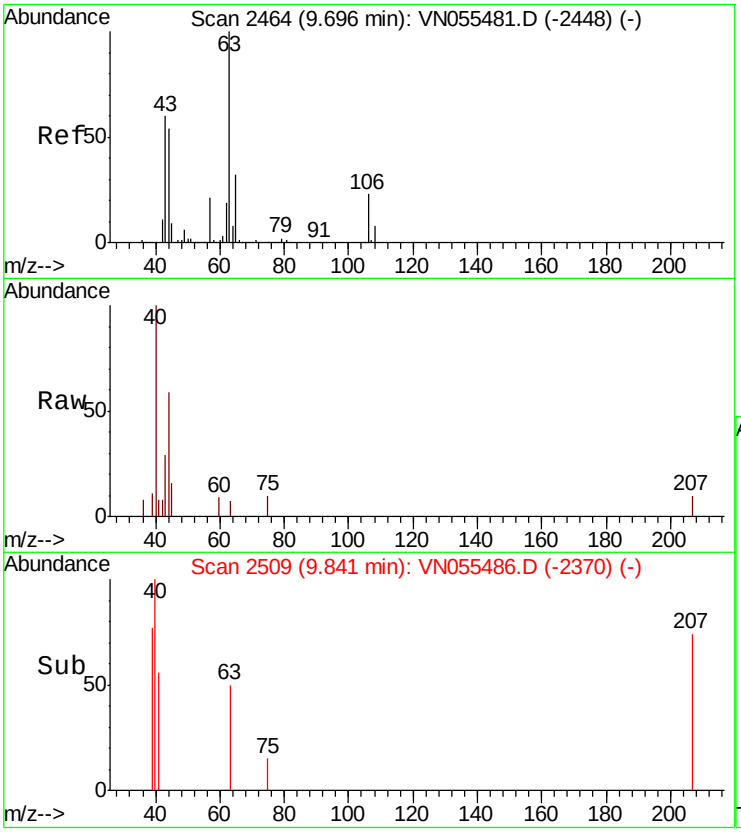


#51
4-Methyl-2-Pentanone
Concen: 0.295 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Tgt Ion: 43 Resp: 4452

Ion	Ratio	Lower	Upper
43	100		
58	31.2	29.9	44.9



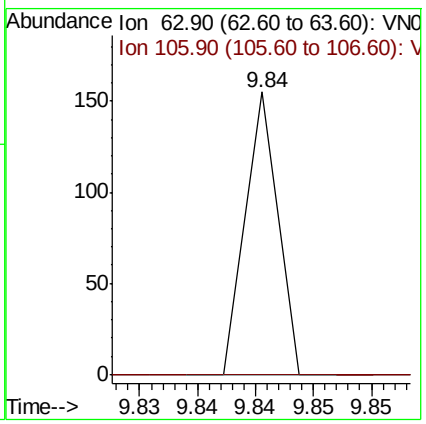


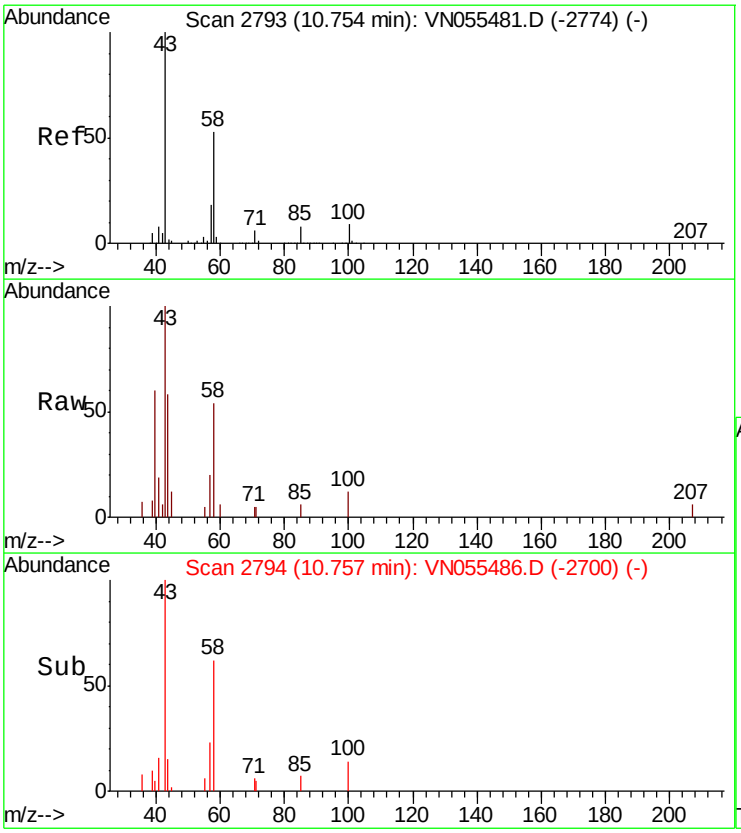
#58
2-Chloroethyl Vinyl ether
Concen: 12.517 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.15 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0509MBL01

Tgt Ion: 63 Resp: 30

Ion	Ratio	Lower	Upper
63	100		
106	0.0	18.6	27.8#

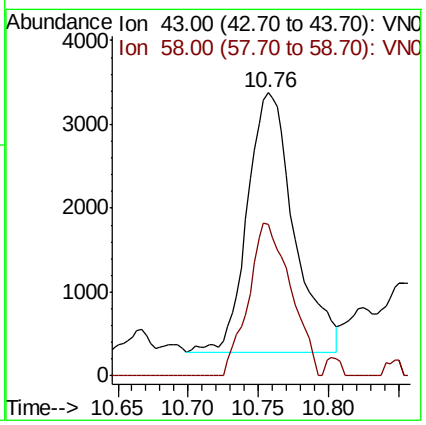


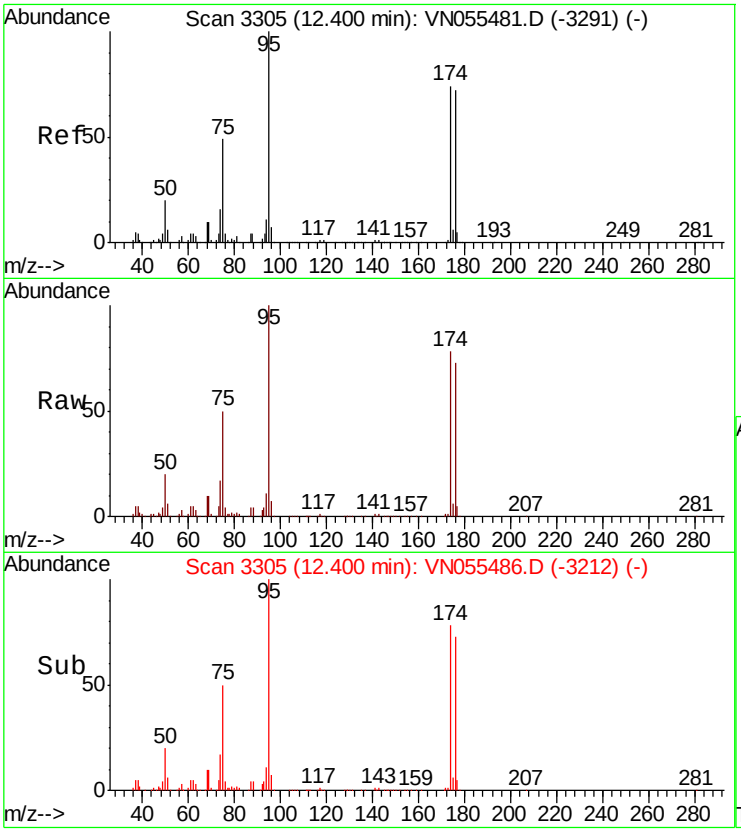


#59
2-Hexanone
Concen: 0.679 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Tgt Ion: 43 Resp: 7194

Ion	Ratio	Lower	Upper
43	100		
58	52.9	26.4	79.0



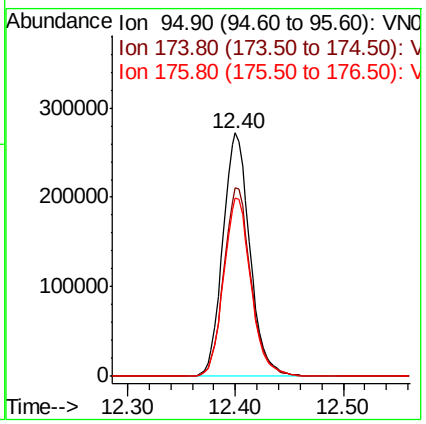


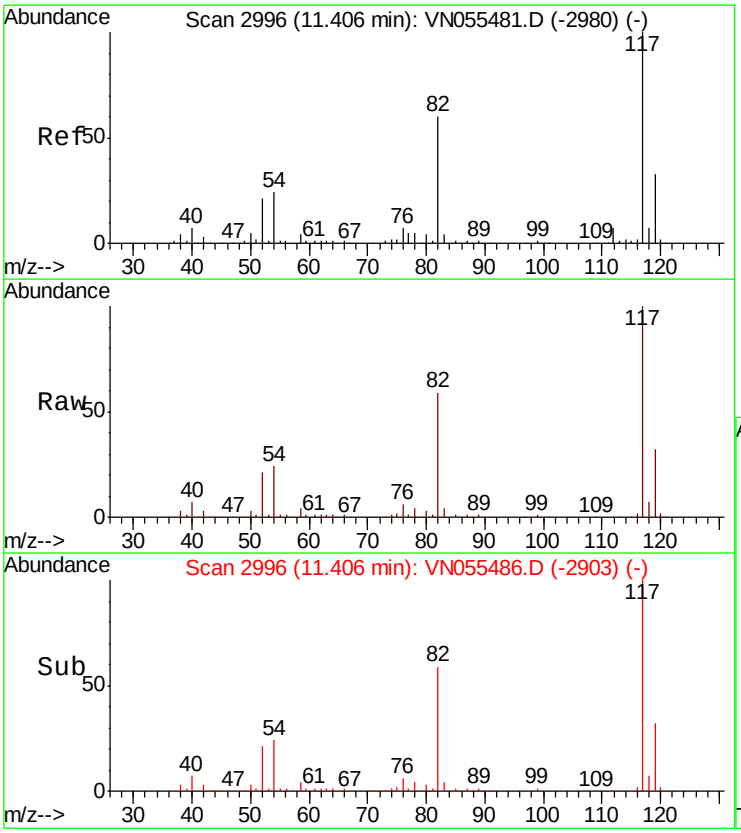
#62
4-Bromofluorobenzene
Concen: 39.821 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0509MBL01

Tgt Ion: 95 Resp: 474694

Ion	Ratio	Lower	Upper
95	100		
174	77.6	0.0	152.2
176	74.2	0.0	147.8

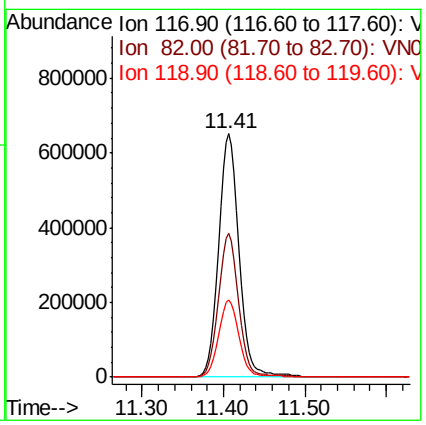


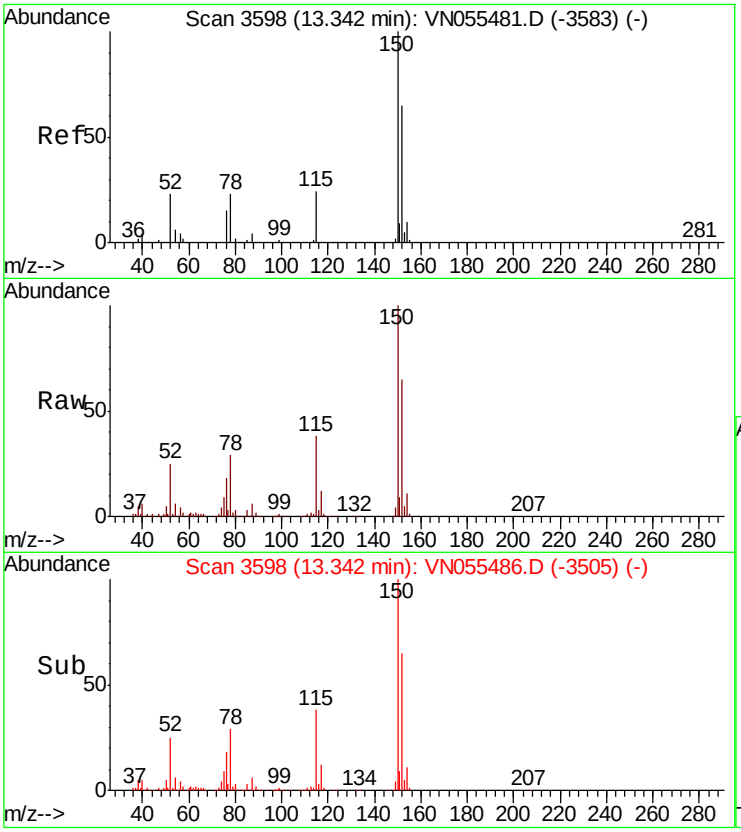


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Tgt Ion:117 Resp: 1158339

Ion	Ratio	Lower	Upper
117	100		
82	58.8	48.0	72.0
119	31.6	26.0	39.0



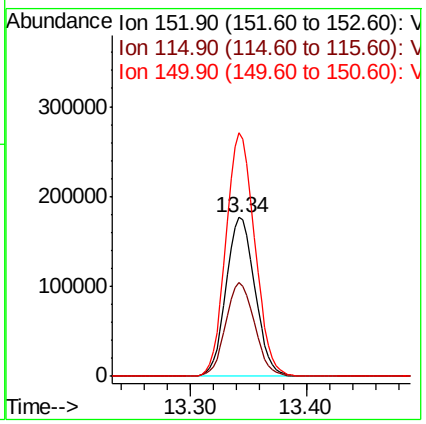


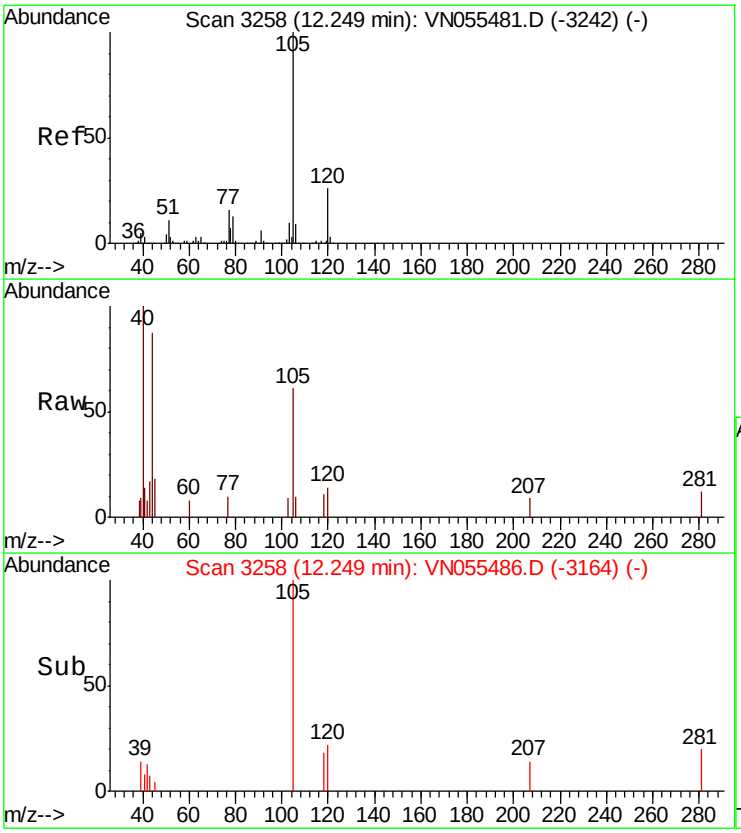
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0509MBL01

Tgt Ion:152 Resp: 302866

Ion	Ratio	Lower	Upper
152	100		
115	58.9	30.1	90.5
150	153.5	0.0	355.0

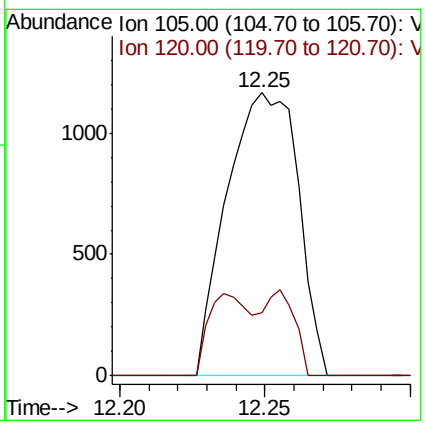


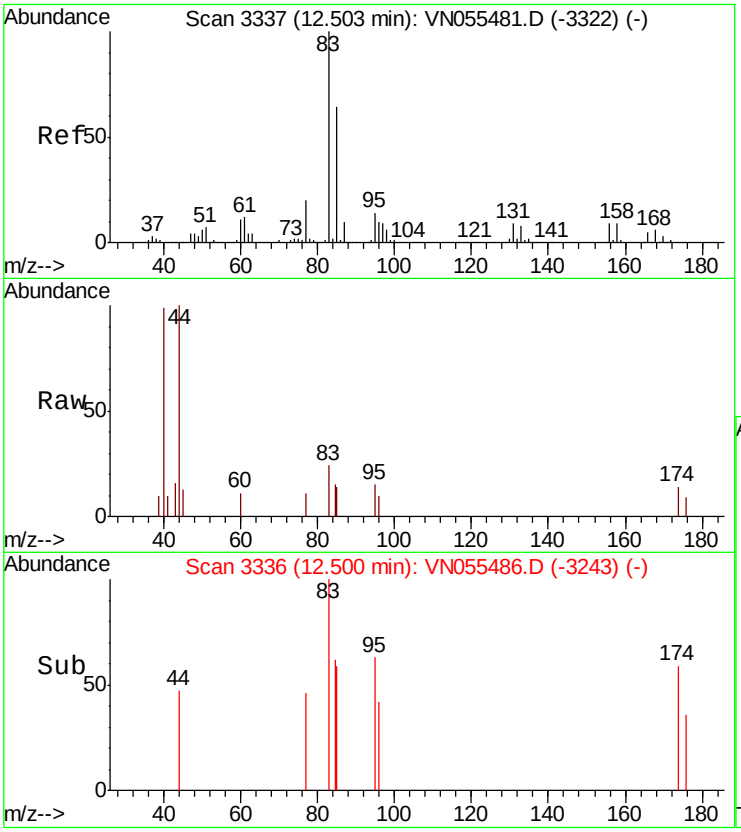


#73
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Tgt Ion:105 Resp: 1987

Ion	Ratio	Lower	Upper
105	100		
120	11.3	13.0	39.0#



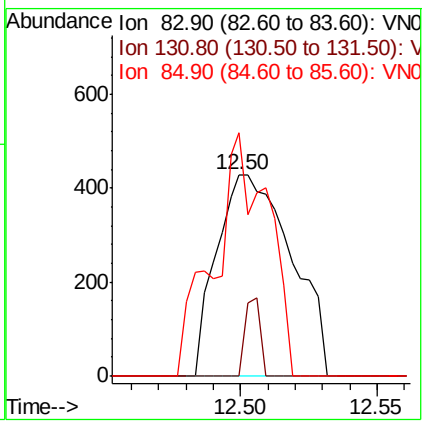


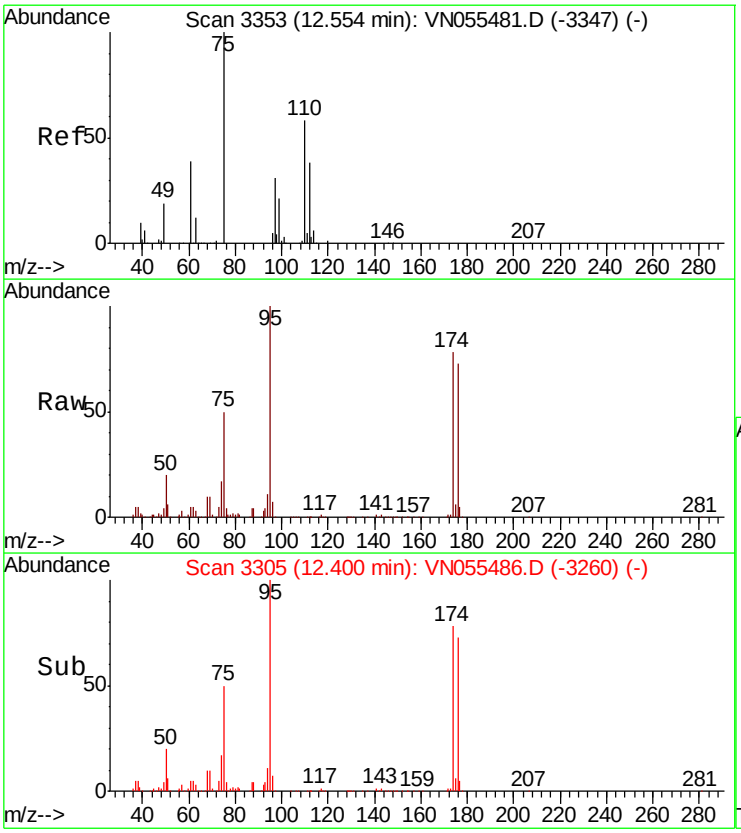
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Instrument : MSVOA_N
ClientSampleId : VN0509MBL01

Tgt Ion: 83 Resp: 814

Ion	Ratio	Lower	Upper
83	100		
131	7.6	4.5	13.5
85	87.2	32.0	96.0

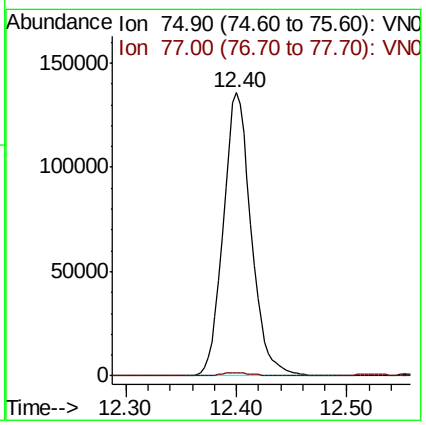


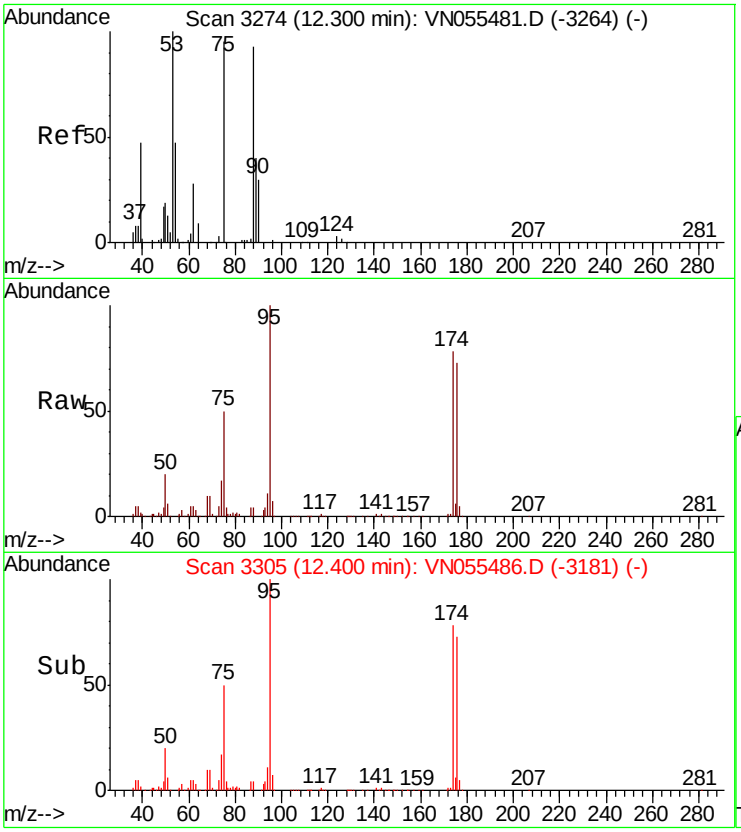


#76
1,2,3-Trichloropropane
Concen: 28.879 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Tgt Ion: 75 Resp: 238109

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



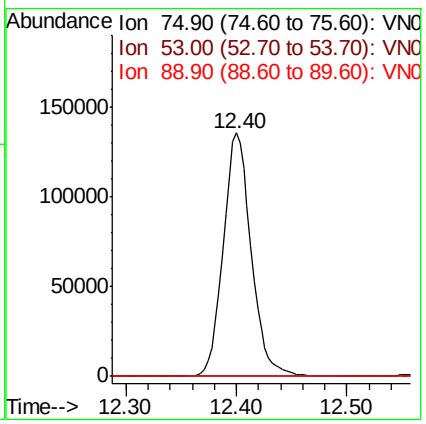


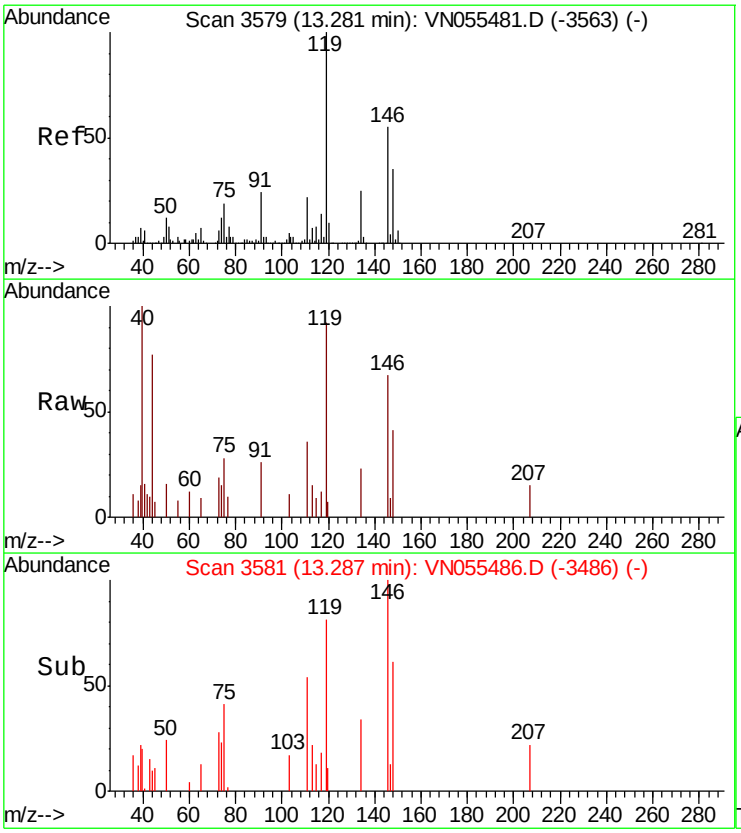
#81
trans-1,4-Dichloro-2-butene
Concen: 106.560 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0509MBL01

Tgt Ion: 75 Resp: 238109

Ion	Ratio	Lower	Upper
75	100		
53	0.0	86.5	129.7#
89	0.0	35.7	53.5#

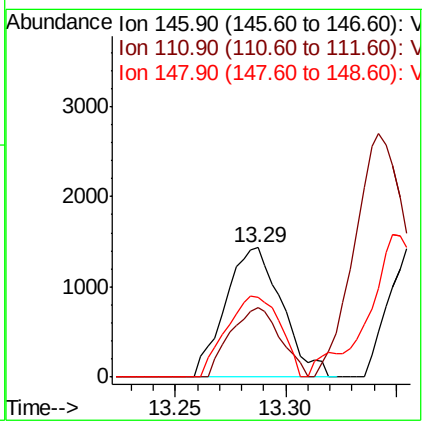


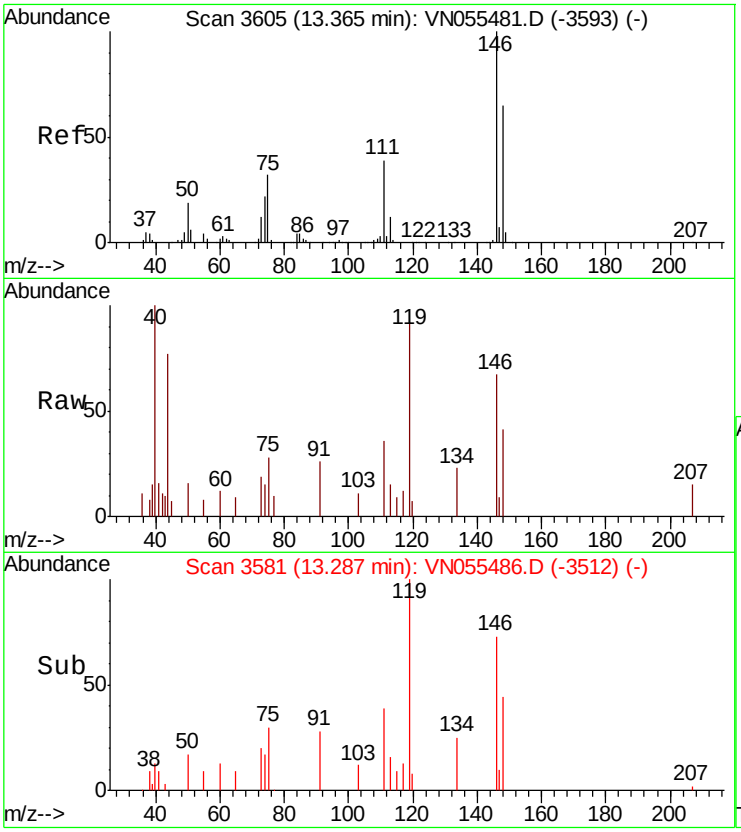


#87
1,3-Dichlorobenzene
Concen: 0.247 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.01 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Tgt Ion:146 Resp: 2546

Ion	Ratio	Lower	Upper
146	100		
111	47.7	20.4	61.3
148	59.4	32.1	96.5



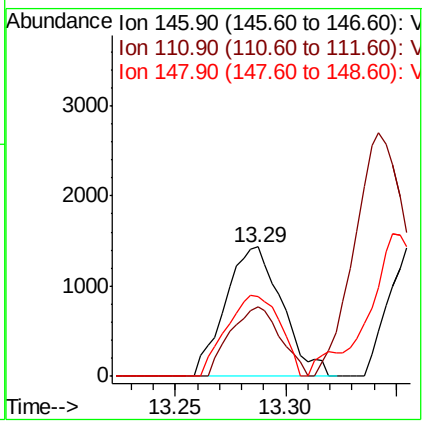


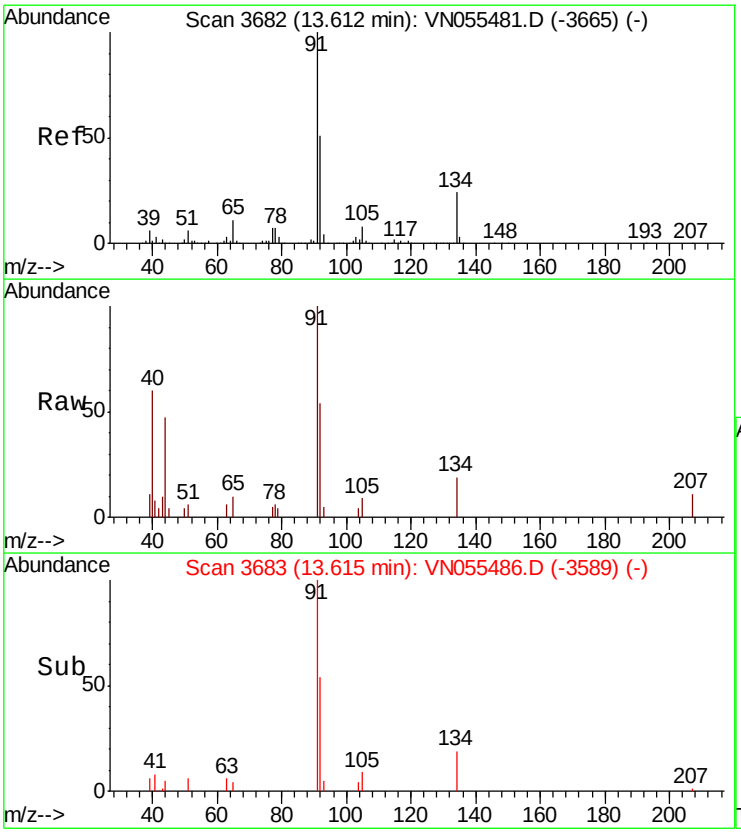
#88
1,4-Dichlorobenzene
Concen: 0.250 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.08 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Instrument : MSVOA_N
ClientSampleId : VN0509MBL01

Tgt Ion:146 Resp: 2546

Ion	Ratio	Lower	Upper
146	100		
111	47.7	19.6	58.8
148	59.4	32.5	97.4

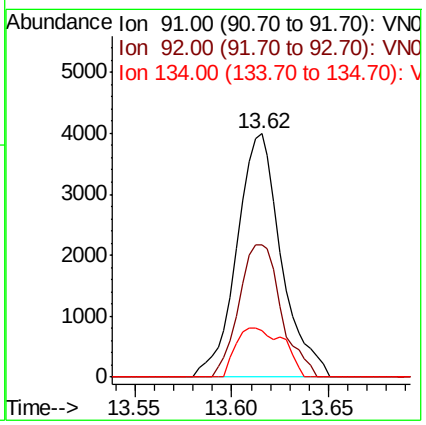


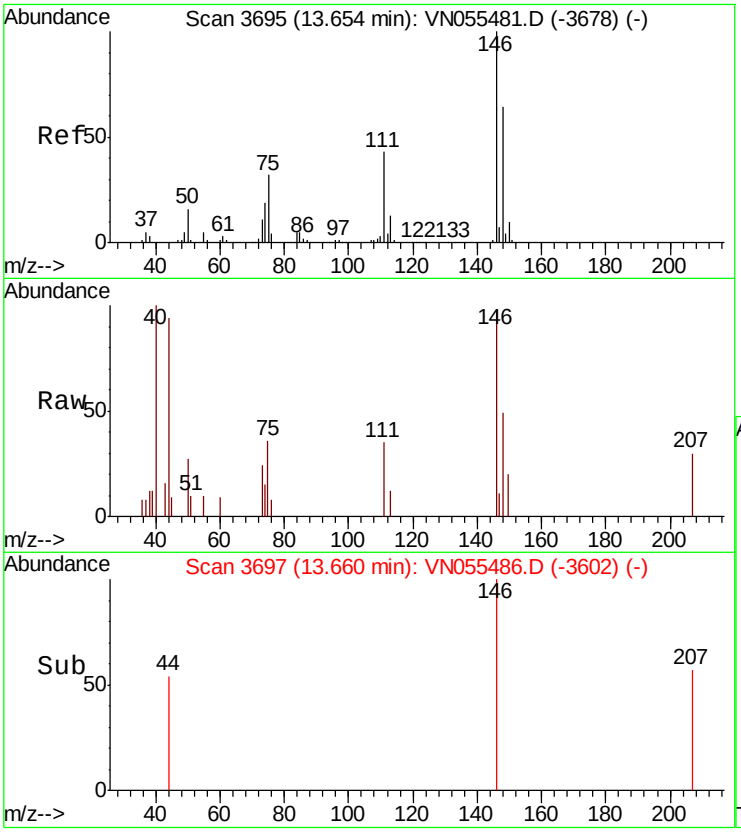


#89
n-Butylbenzene
Concen: 0.366 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Tgt Ion: 91 Resp: 6370

Ion	Ratio	Lower	Upper
91	100		
92	51.8	25.9	77.7
134	21.4	11.8	35.4



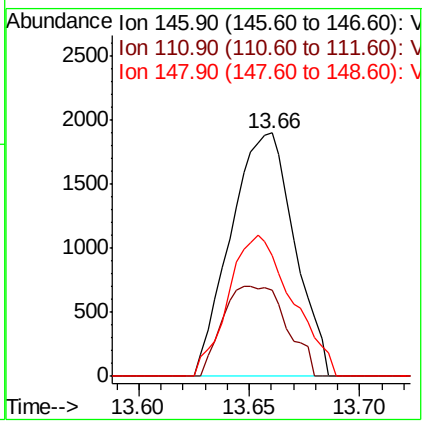


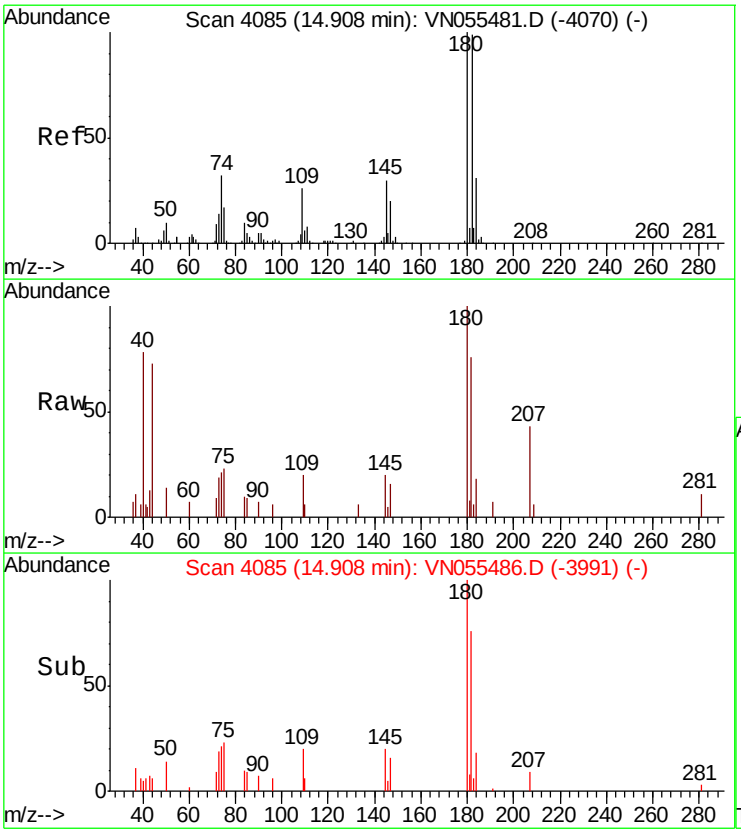
#91
1,2-Dichlorobenzene
Concen: 0.369 ug/l
RT: 13.66 min Scan# 3697
Delta R.T. 0.01 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0509MBL01

Tgt Ion:146 Resp: 3807

Ion	Ratio	Lower	Upper
146	100		
111	36.9	21.3	63.7
148	58.2	31.9	95.9

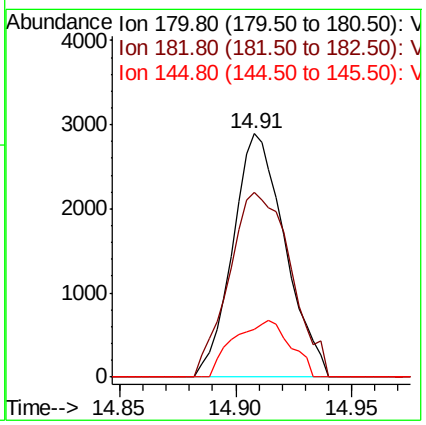


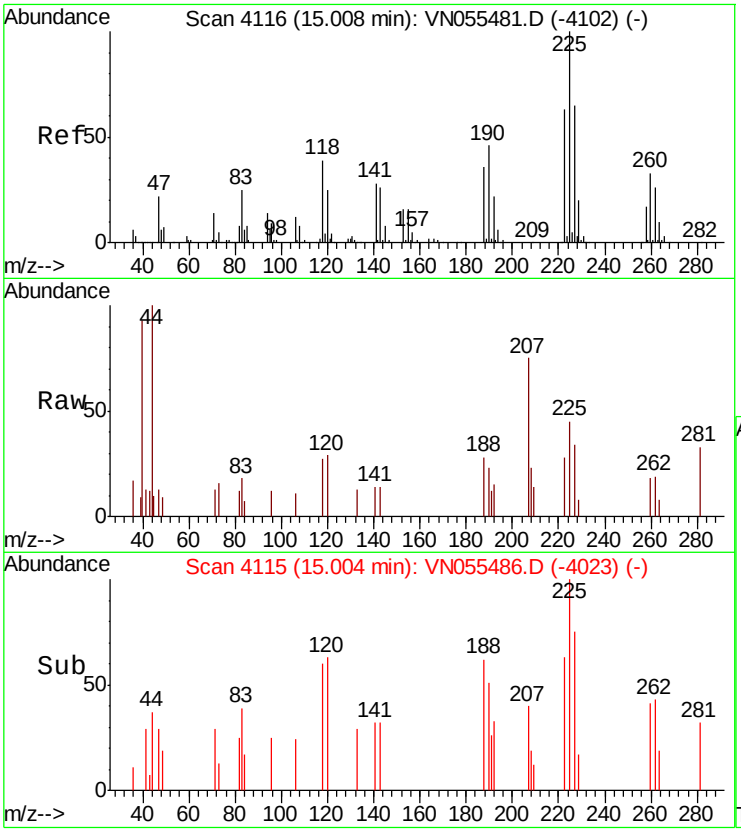


#93
1,2,4-Trichlorobenzene
Concen: 4.148 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Tgt Ion:180 Resp: 4519

Ion	Ratio	Lower	Upper
180	100		
182	89.6	48.7	146.1
145	25.2	15.3	45.9



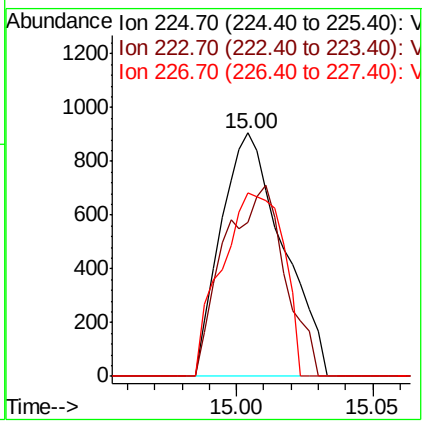


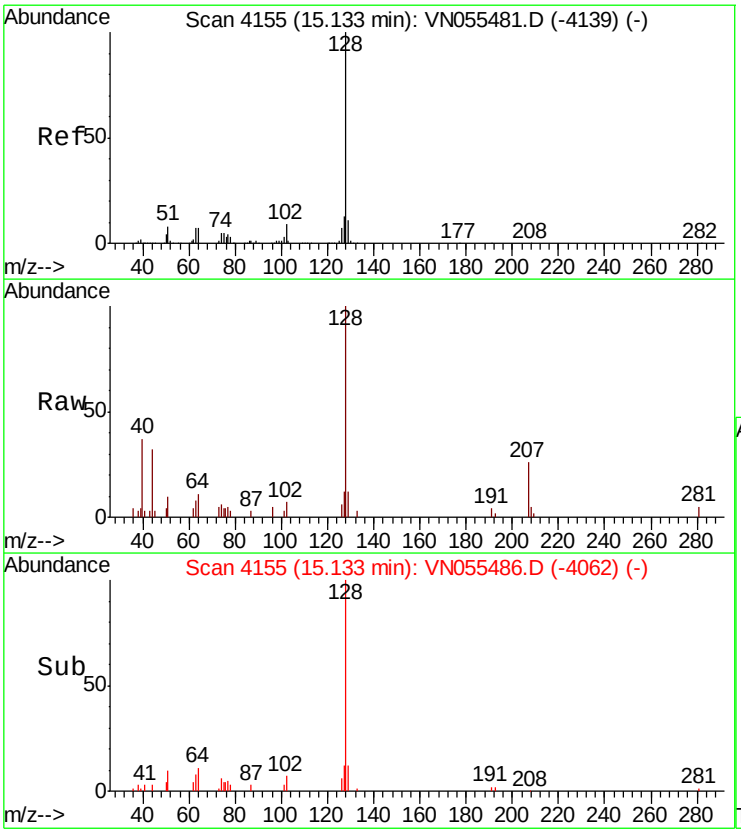
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.00 min Scan# 4115
Delta R.T. -0.00 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Instrument : MSVOA_N
ClientSampleId : VN0509MBL01

Tgt Ion:225 Resp: 1431

Ion	Ratio	Lower	Upper
225	100		
223	76.5	31.4	94.3
227	74.9	32.0	96.0

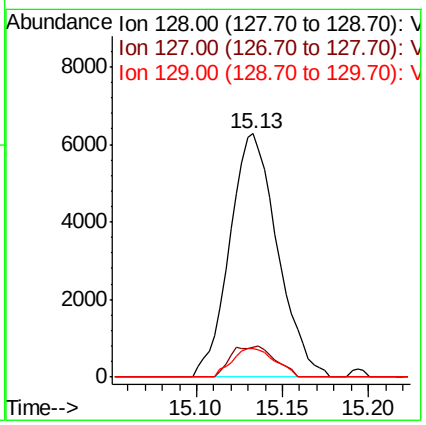


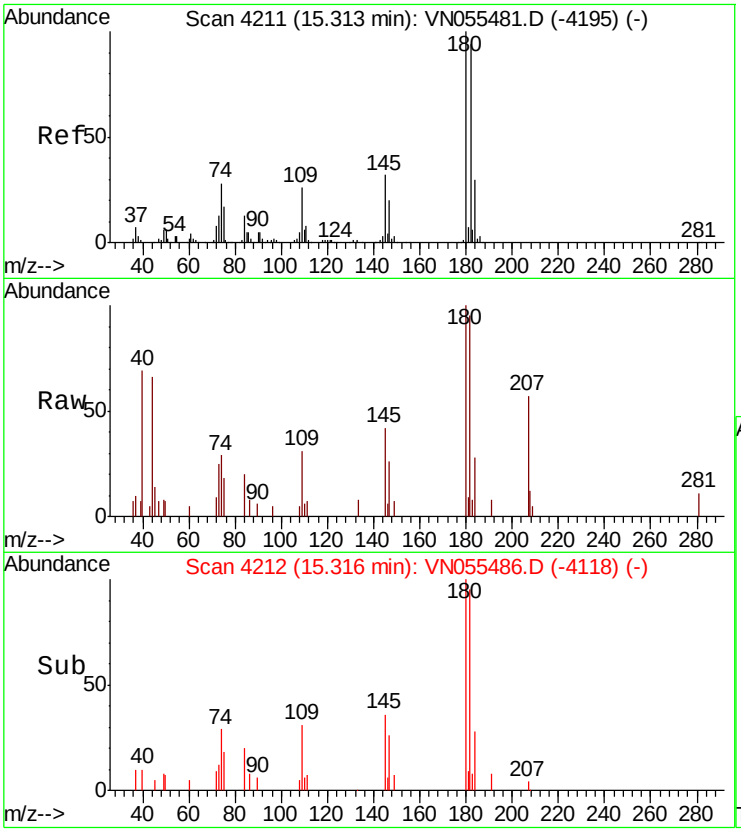


#95
Naphthalene
Concen: 3.844 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Tgt Ion:128 Resp: 12172

Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.0	15.0
129	10.5	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 3.500 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN055486.D
Acq: 9 May 2019 10:34

Instrument :
MSVOA_N
ClientSampleId :
VN0509MBL01

Tgt Ion:180 Resp: 5502

Ion	Ratio	Lower	Upper
180	100		
182	97.7	47.1	141.3
145	38.1	15.8	47.4