Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092718\
Data File : VN051545.D
Acq On : 26 Sep 2018 19:33
Operator : MD\SY
Sample : PB113219ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB113219ZHE#02

Quant Time: Sep 27 07:59:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	676031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1105789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	931010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	327009	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	489436	57.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.58%			
35) Dibromofluoromethane	7.59	113	419416	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.86%			
50) Toluene-d8	10.09	98	1528633	45.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.82%			
62) 4-Bromofluorobenzene	12.40	95	422891	39.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 78.52%			
Target Compounds						Qvalue
5) Bromomethane	2.57	94	1842	0.336	ug/l #	63
10) Methyl Iodide	3.96	142	61	0.282	ug/l #	42
16) Acetone	3.83	43	20299	Below Cal		99
18) Methyl Acetate	4.33	43	13177	2.043	ug/l #	78
20) Methylene Chloride	4.55	84	9505	1.134	ug/l	92
25) 2-Butanone	6.85	43	3227	1.113	ug/l #	79
29) Tetrahydrofuran	7.22	42	932	0.507	ug/l #	83
31) Cyclohexane	7.66	56	12586	0.944	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	49423	3.860	ug/l #	44
38) Carbon Tetrachloride	7.67	117	62311	4.652	ug/l #	17
43) Isopropyl Acetate	8.17	43	373201	28.032	ug/l	92
48) Methyl methacrylate	9.19	41	8687	1.309	ug/l #	22
51) 4-Methyl-2-Pentanone	9.98	43	2707	0.370	ug/l #	79
59) 2-Hexanone	10.77	43	19850	4.182	ug/l #	59
71) Bromoform	12.40	173	4182	0.677	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	206106	37.967	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	206106	116.746	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.91	180	700	6.079	ug/l #	75
95) Naphthalene	15.14	128	2204	8.196	ug/l #	77

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092718\
Data File : VN051545.D
Acq On : 26 Sep 2018 19:33
Operator : MD\SY
Sample : PB113219ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
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Quant Title : SW846 8260
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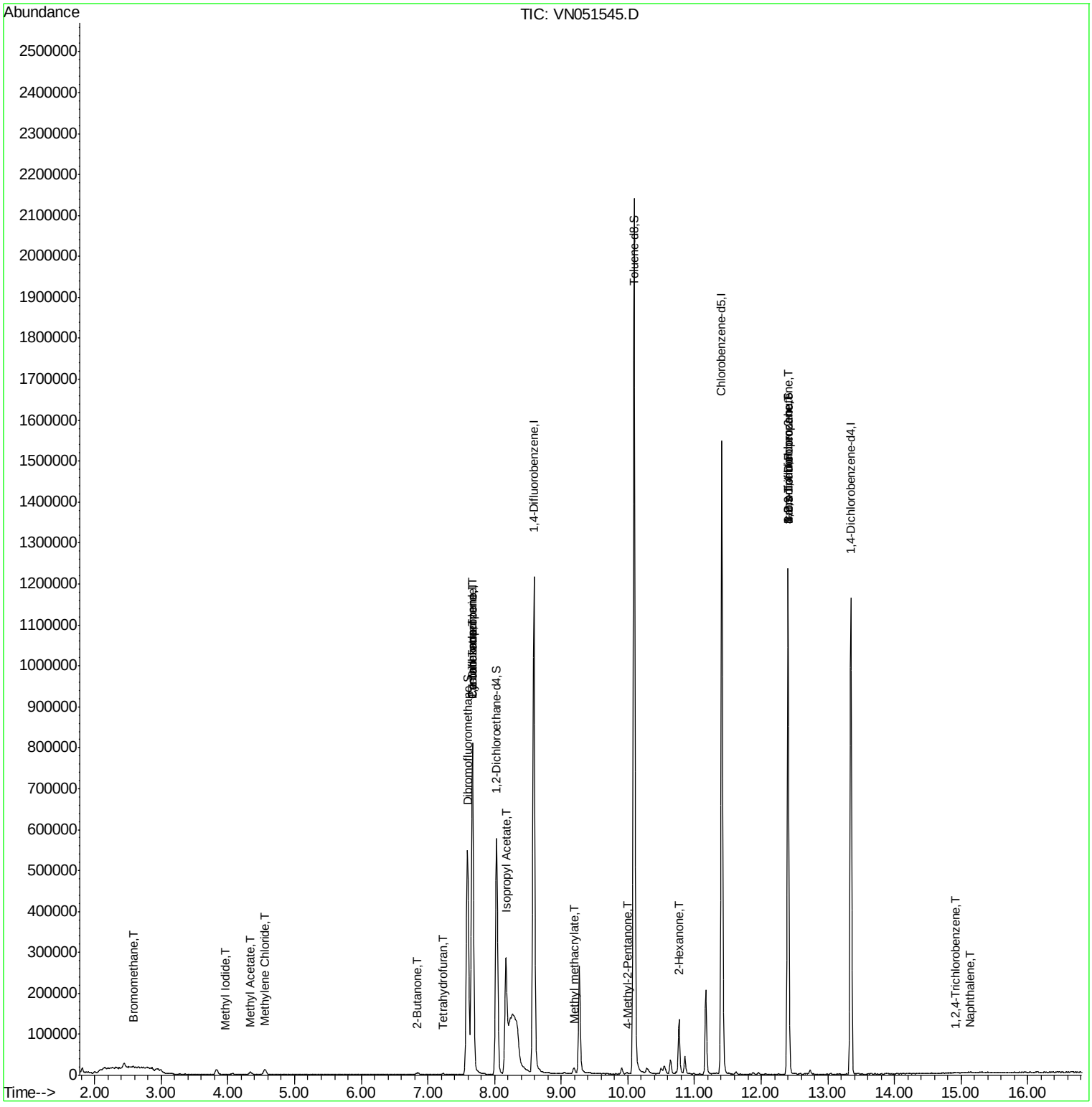
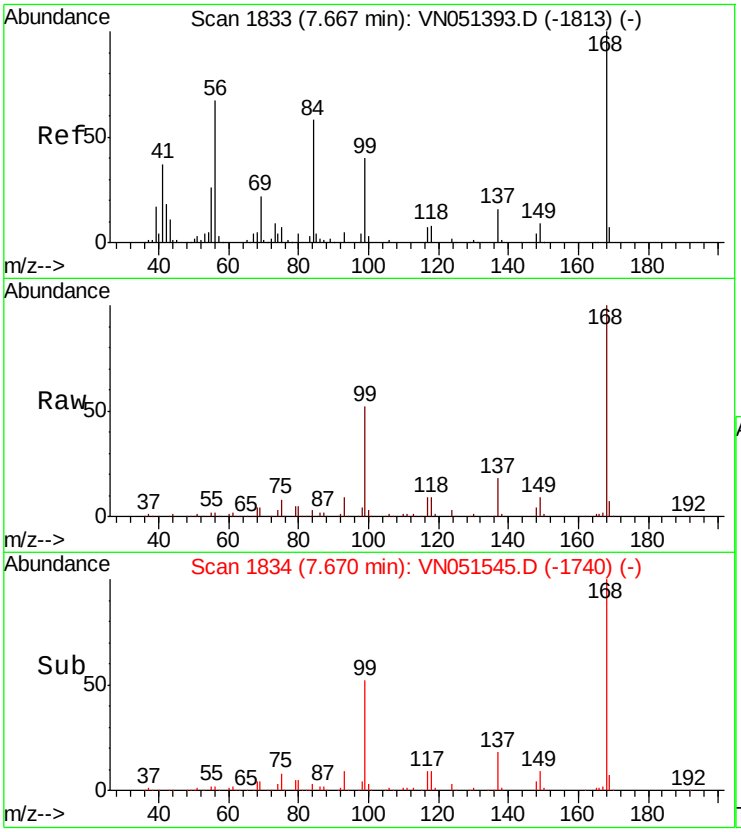
Response via : Initial Calibration



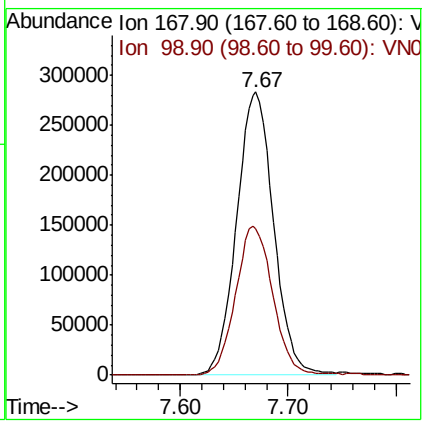


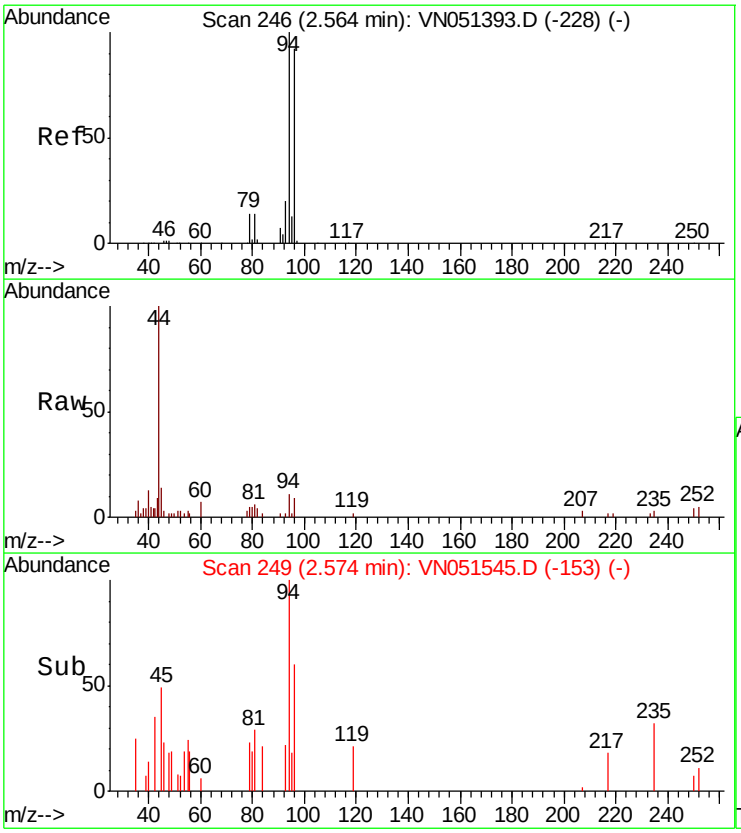
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.00 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Tgt Ion:168 Resp: 676031

Ion	Ratio	Lower	Upper
168	100		
99	51.7	40.2	60.2

Instrument :
MSVOA_N
ClientSampleId :
PB113219ZHE#02

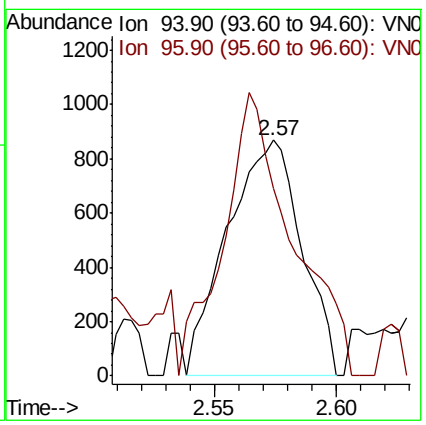


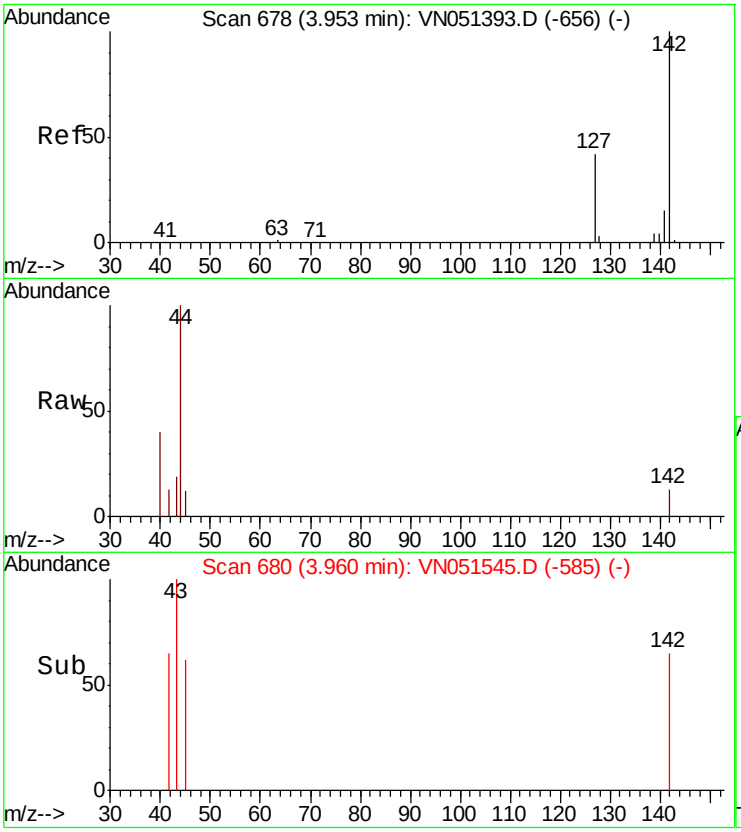


#5
Bromomethane
Concen: 0.336 ug/l
RT: 2.57 min Scan# 249
Delta R.T. 0.01 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Tgt Ion: 94 Resp: 1842

Ion	Ratio	Lower	Upper
94	100		
96	56.3	73.6	110.4#



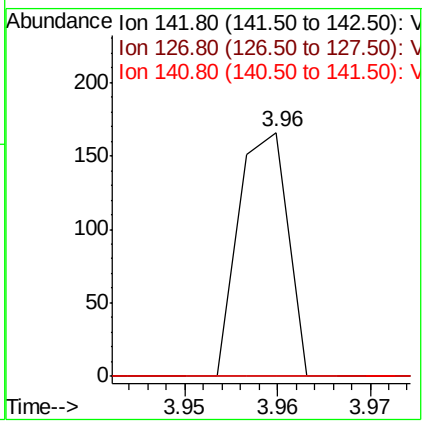


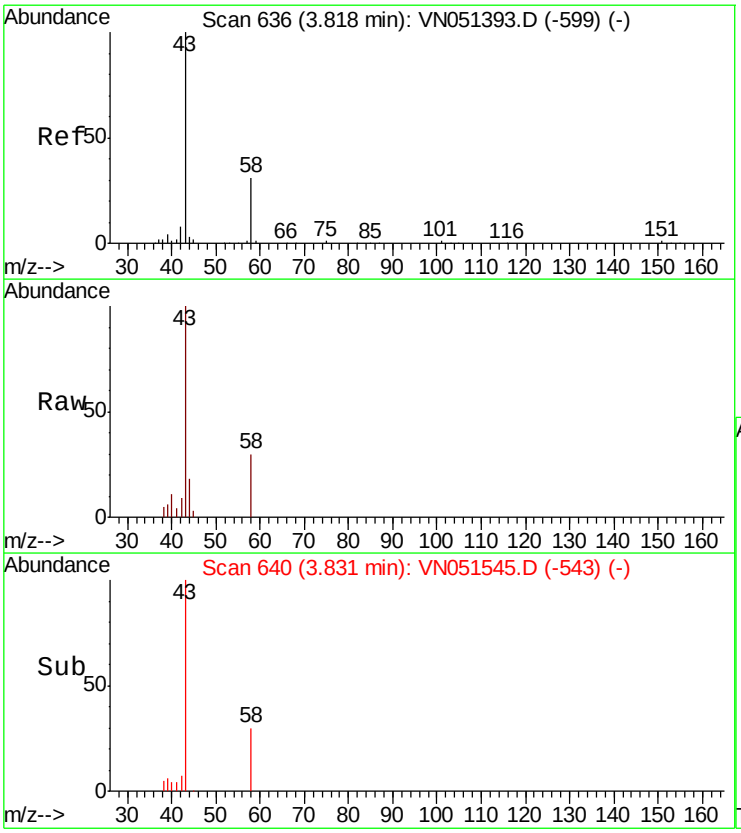
#10
Methyl Iodide
Concen: 0.282 ug/l
RT: 3.96 min Scan# 680
Delta R.T. 0.01 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Instrument : MSVOA_N
ClientSampleId : PB113219ZHE#02

Tgt Ion:142 Resp: 61

Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.2	49.8#
141	0.0	11.5	17.3#

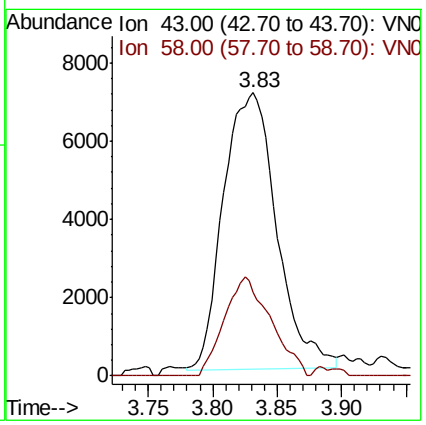


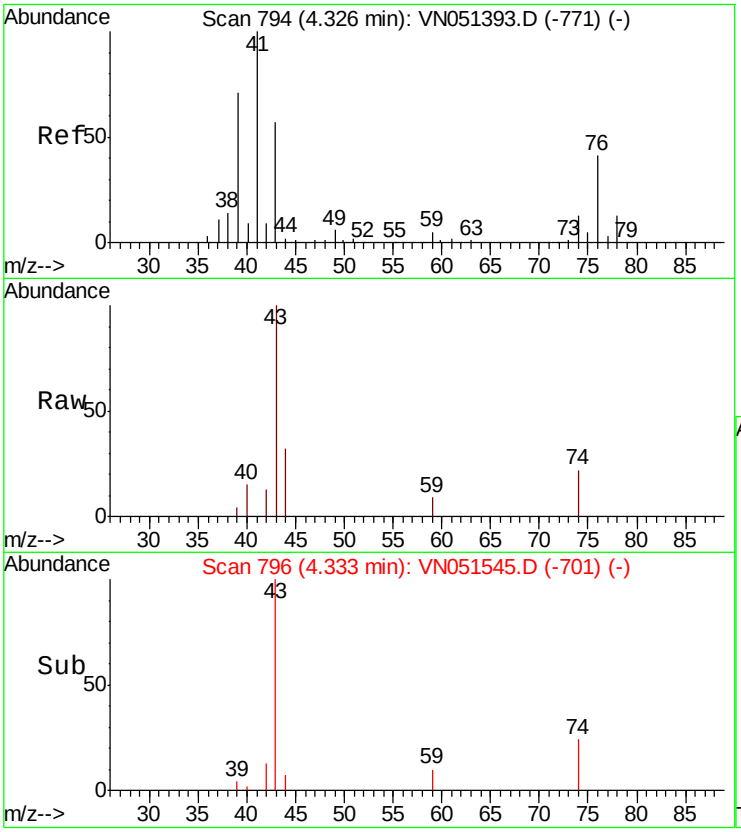


#16
Acetone
Concen: Below Cal
RT: 3.83 min Scan# 640
Delta R.T. 0.01 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Tgt Ion: 43 Resp: 20299

Ion	Ratio	Lower	Upper
43	100		
58	30.6	25.0	37.4



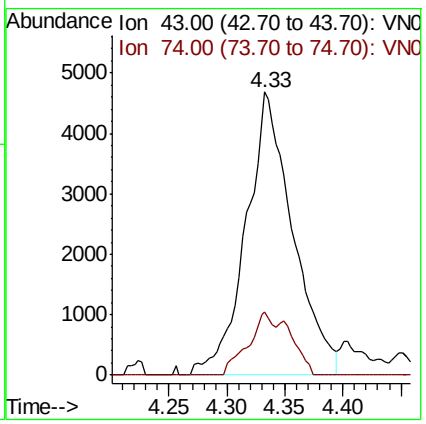


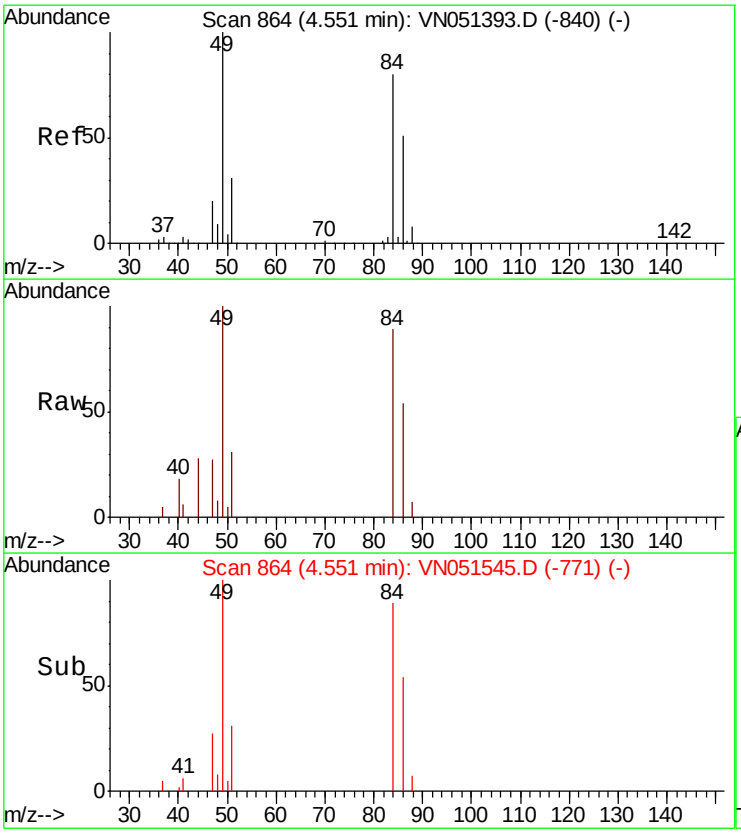
#18
Methyl Acetate
Concen: 2.043 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Instrument : MSVOA_N
ClientSampleId : PB113219ZHE#02

Tgt Ion: 43 Resp: 13177

Ion	Ratio	Lower	Upper
43	100		
74	12.5	18.8	28.2#

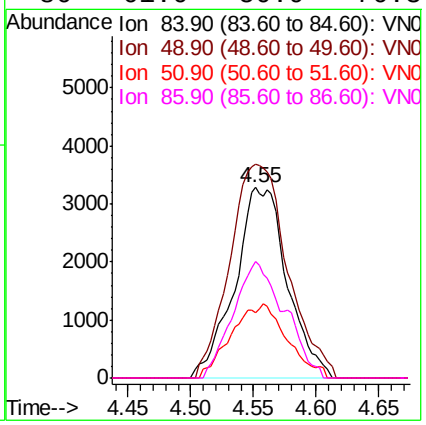


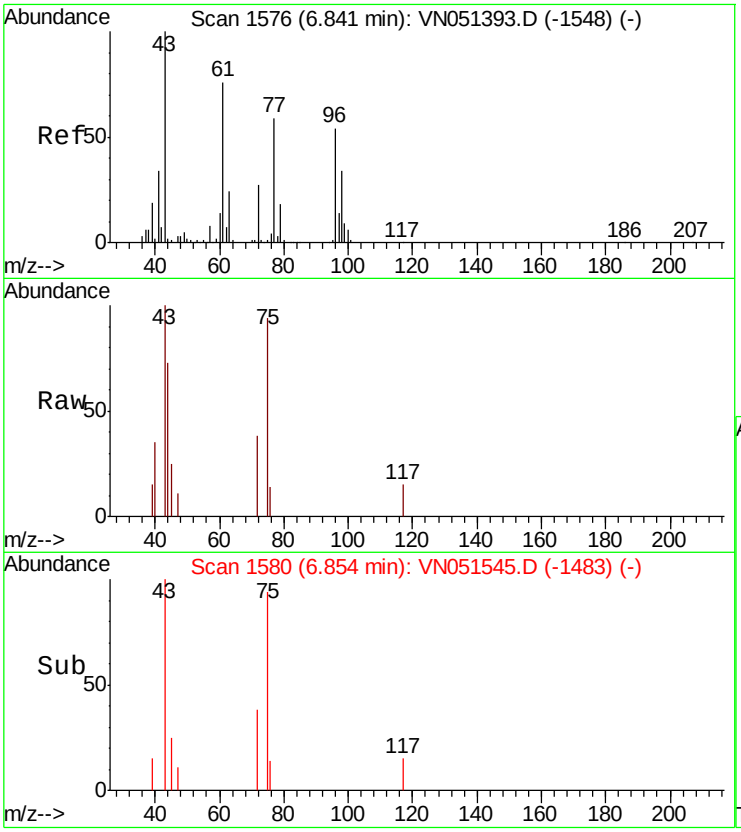


#20
Methylene Chloride
Concen: 1.134 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Tgt Ion: 84 Resp: 9505

Ion	Ratio	Lower	Upper
84	100		
49	112.3	99.9	149.9
51	34.6	31.4	47.2
86	61.0	50.9	76.3



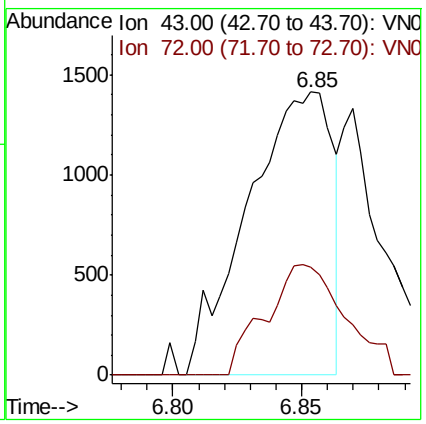


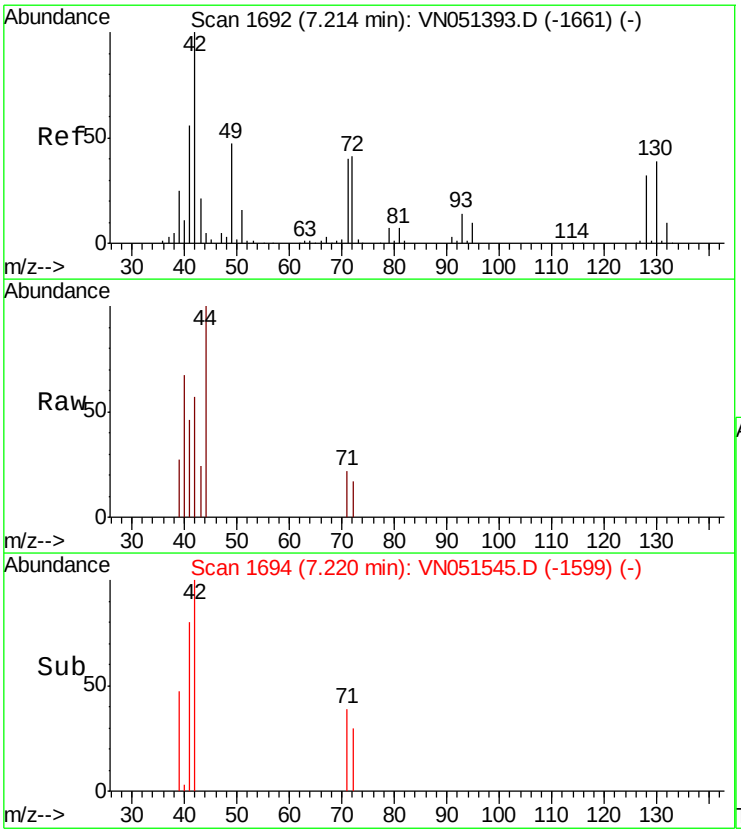
#25
2-Butanone
Concen: 1.113 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Instrument : MSVOA_N
ClientSampleId : PB113219ZHE#02

Tgt Ion: 43 Resp: 3227

Ion	Ratio	Lower	Upper
43	100		
72	38.3	21.8	32.6#

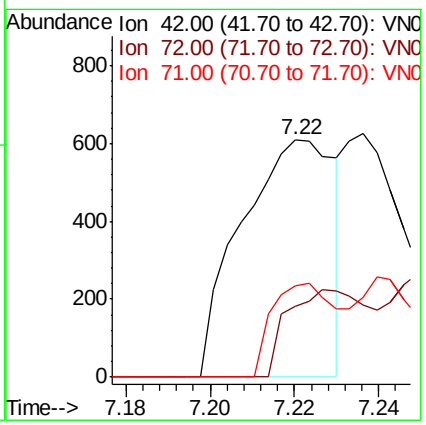


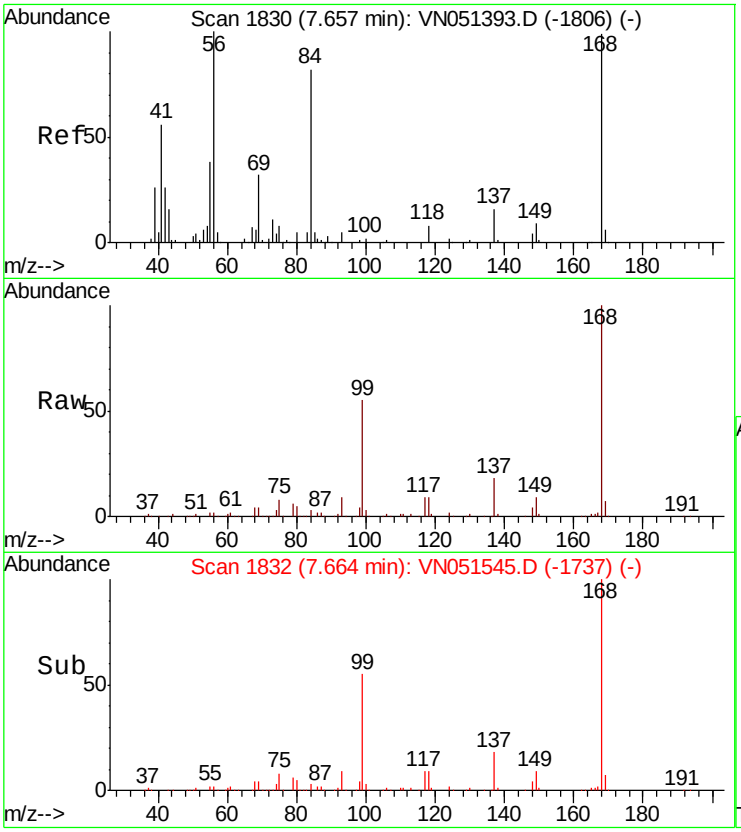


#29
Tetrahydrofuran
Concen: 0.507 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Tgt Ion: 42 Resp: 932

Ion	Ratio	Lower	Upper
42	100		
72	32.2	34.3	51.5#
71	29.1	32.2	48.4#



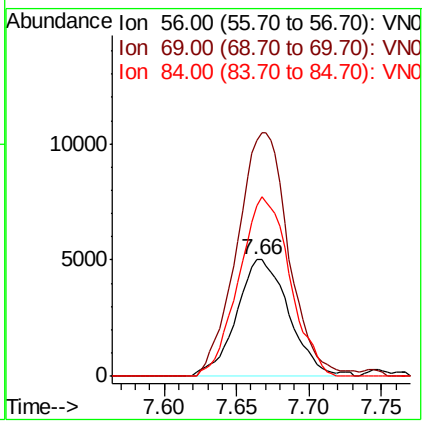


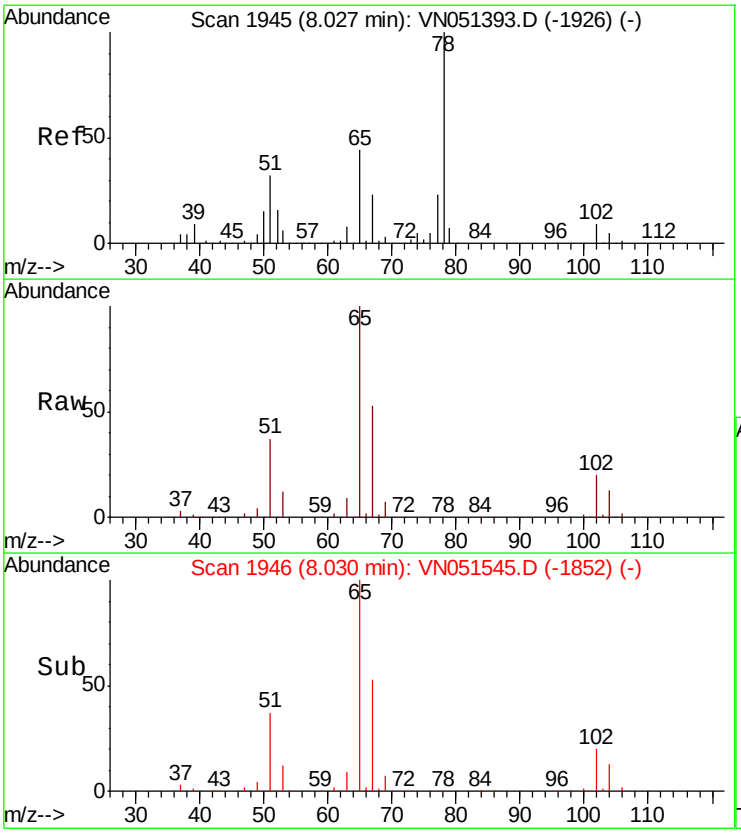
#31
Cyclohexane
Concen: 0.944 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Instrument : MSVOA_N
ClientSampleId : PB113219ZHE#02

Tgt Ion: 56 Resp: 12586

Ion	Ratio	Lower	Upper
56	100		
69	201.9	25.8	38.6#
84	146.3	66.0	99.0#

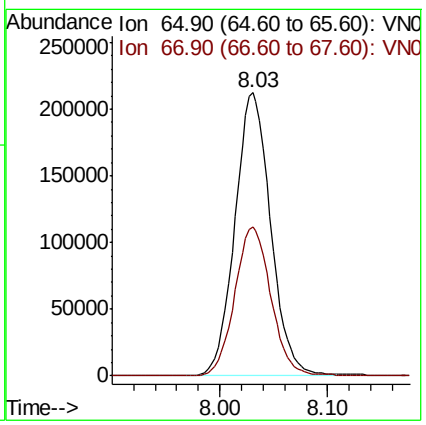


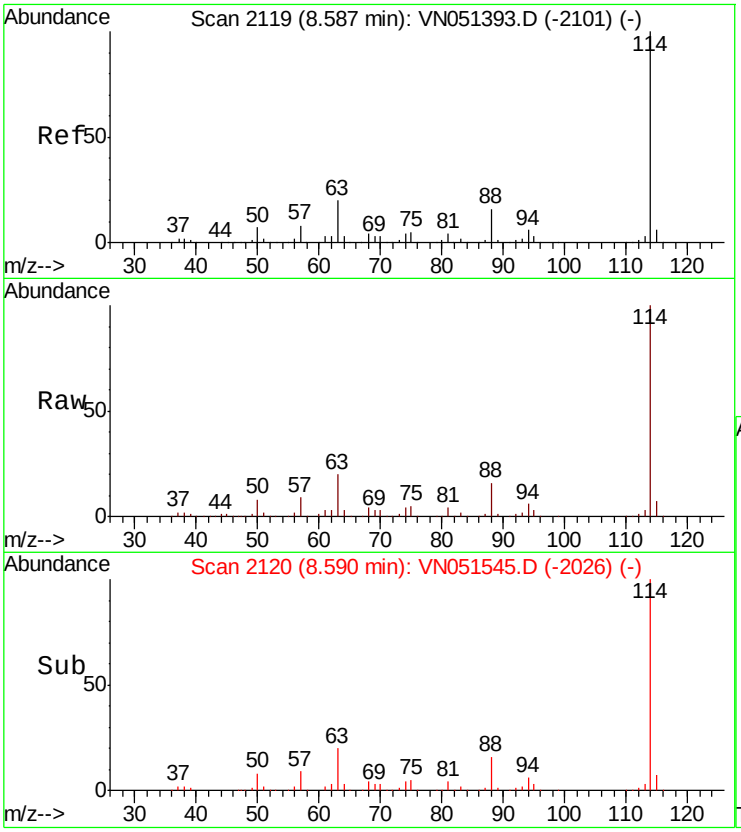


#33
1,2-Dichloroethane-d4
Concen: 57.795 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Tgt Ion: 65 Resp: 489436

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.8



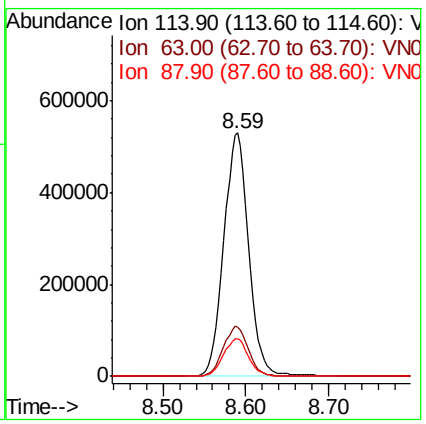


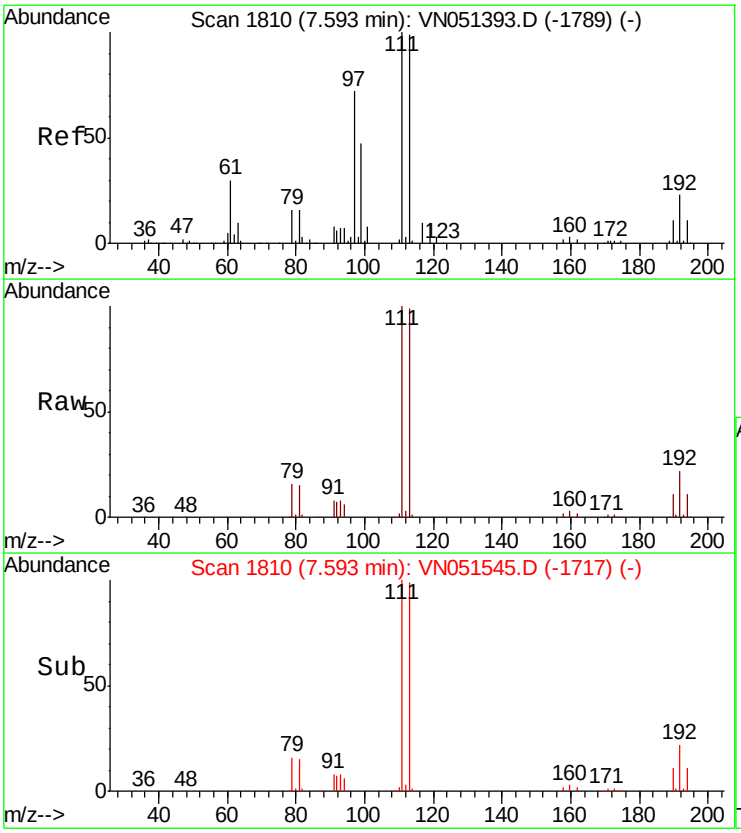
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2120
Delta R.T. 0.00 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Instrument : MSVOA_N
ClientSampleId : PB113219ZHE#02

Tgt Ion:114 Resp: 1105789

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.2
88	15.6	0.0	31.4

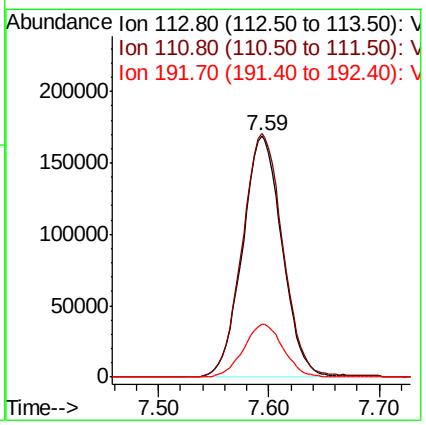


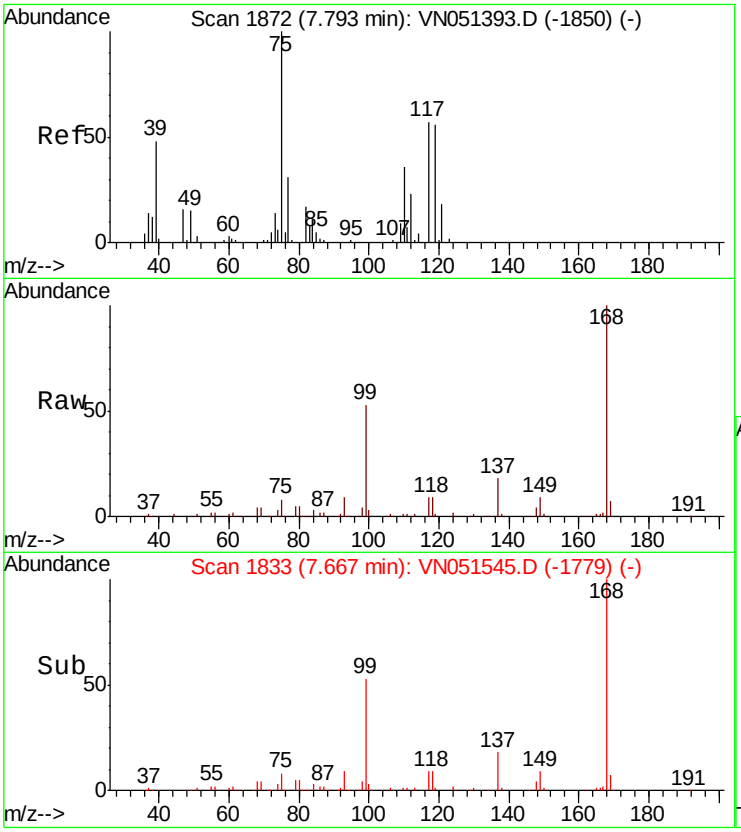


#35
Dibromofluoromethane
Concen: 47.432 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Tgt Ion:113 Resp: 419416

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.6	123.8
192	22.0	18.0	27.0



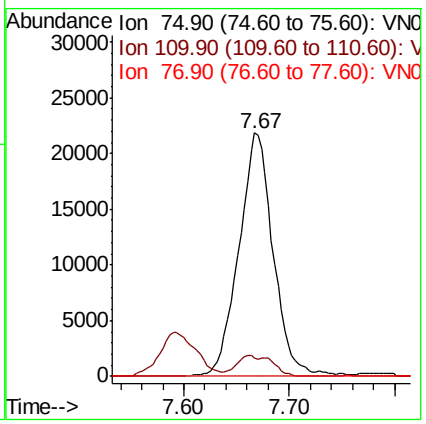


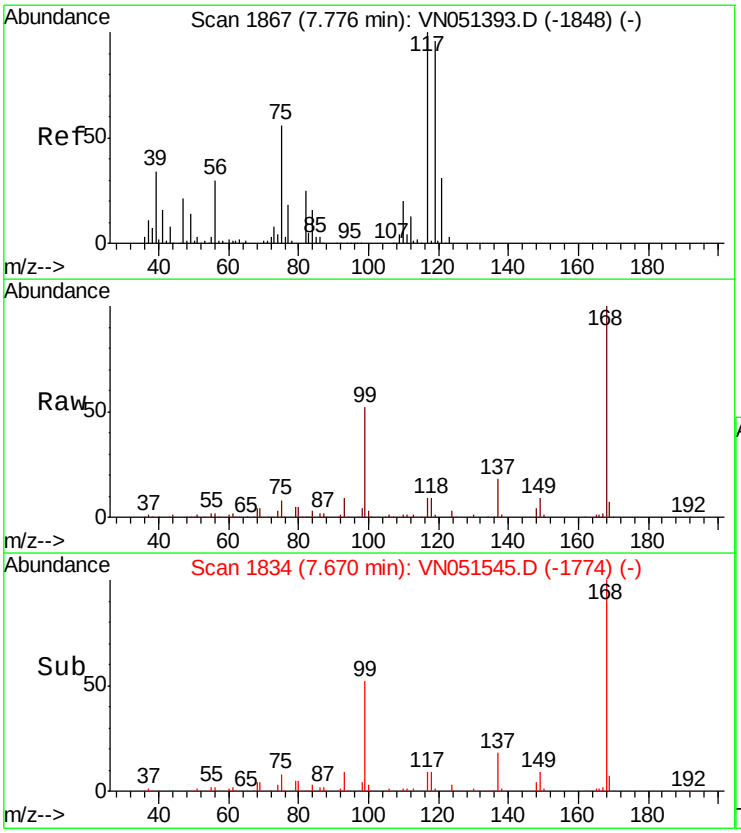
#36
1,1-Dichloropropene
Concen: 3.860 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Instrument :
MSVOA_N
ClientSampleId :
PB113219ZHE#02

Tgt Ion: 75 Resp: 49423

Ion	Ratio	Lower	Upper
75	100		
110	3.7	18.1	54.3#
77	0.0	25.6	38.4#

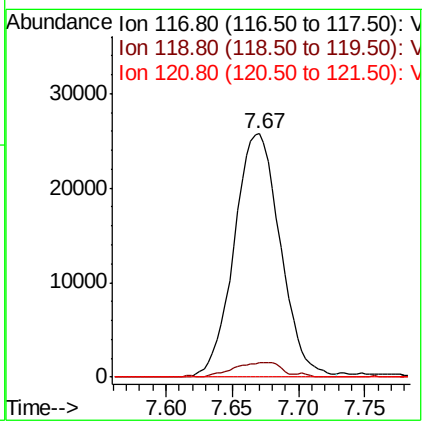


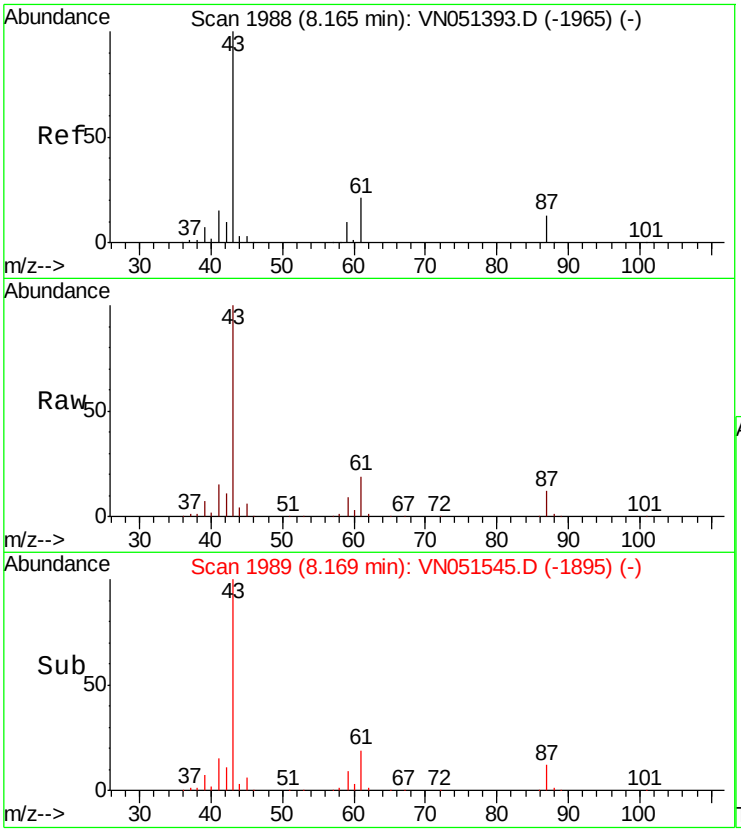


#38
Carbon Tetrachloride
Concen: 4.652 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. -0.11 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Tgt Ion:117 Resp: 62311

Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.9	115.3#
121	0.0	24.6	37.0#



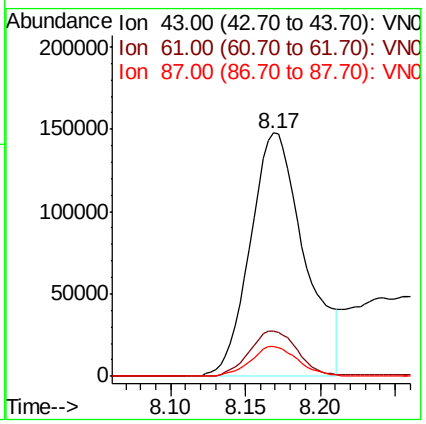


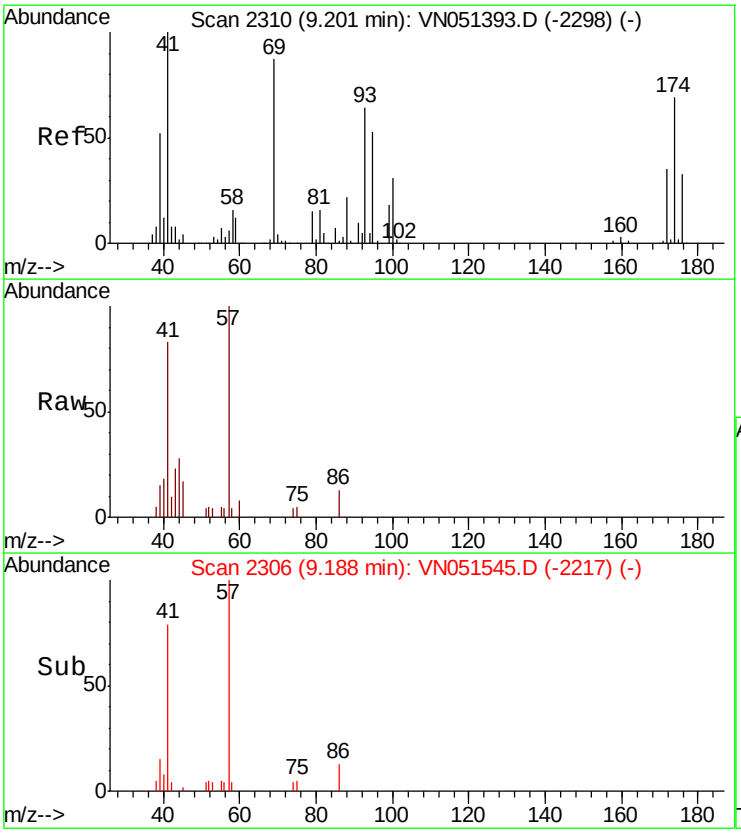
#43
Isopropyl Acetate
Concen: 28.032 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Instrument : MSVOA_N
ClientSampleId : PB113219ZHE#02

Tgt Ion: 43 Resp: 373201

Ion	Ratio	Lower	Upper
43	100		
61	17.0	16.8	25.2
87	10.8	10.7	16.1

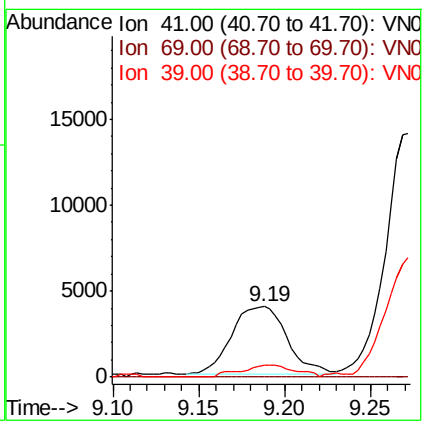


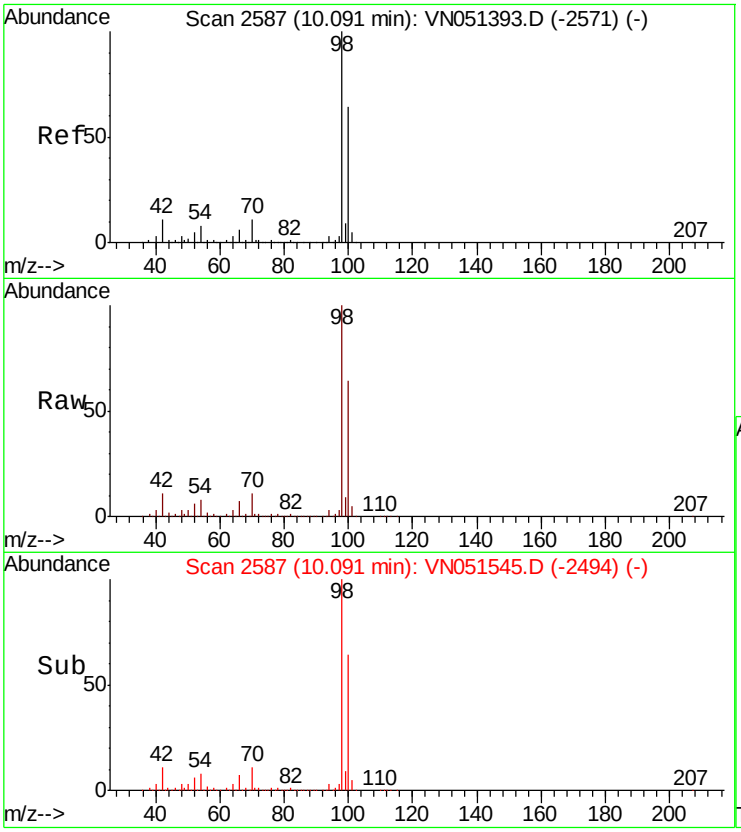


#48
Methyl methacrylate
Concen: 1.309 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.01 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Tgt Ion: 41 Resp: 8687

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.4	105.6#
39	17.4	43.8	65.8#



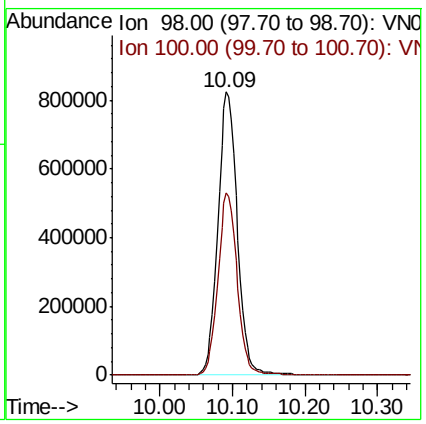


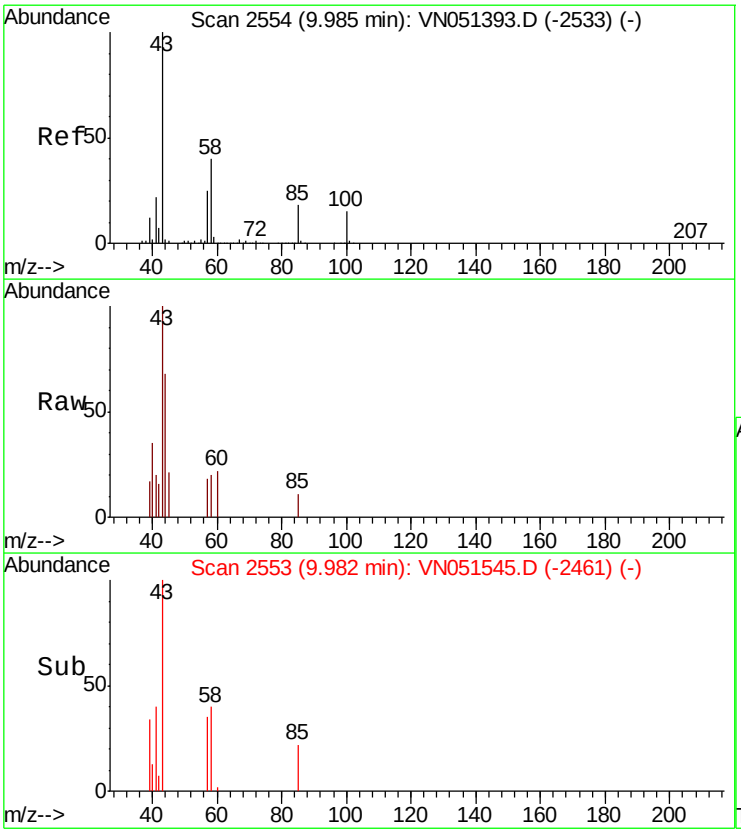
#50
Toluene-d8
Concen: 45.908 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Instrument : MSVOA_N
ClientSampleId : PB113219ZHE#02

Tgt Ion: 98 Resp: 1528633

Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.6	75.8

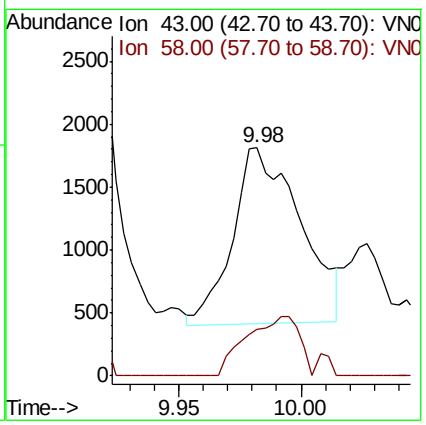


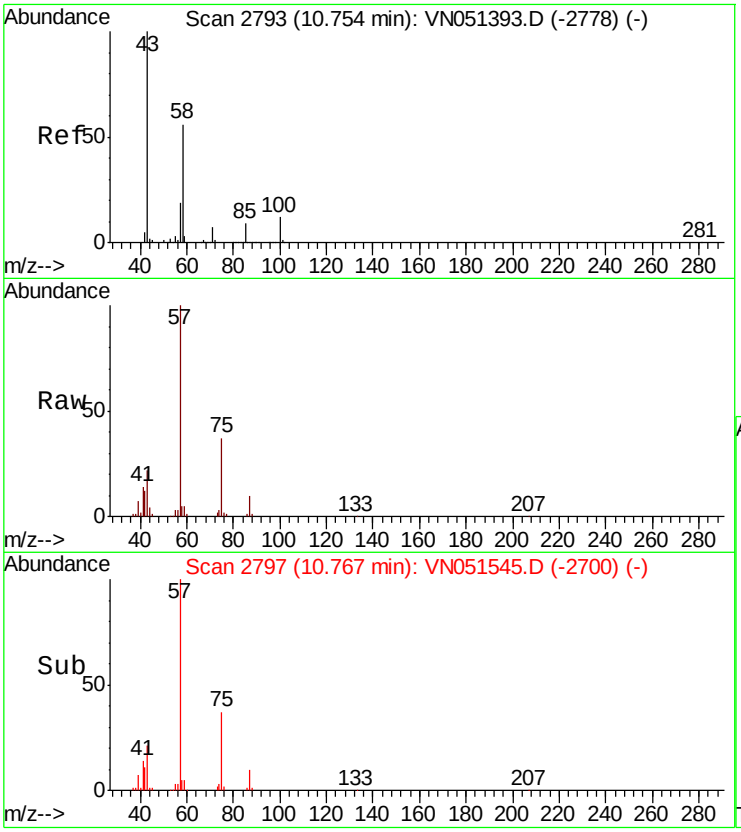


#51
4-Methyl-2-Pentanone
Concen: 0.370 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Tgt Ion: 43 Resp: 2707

Ion	Ratio	Lower	Upper
43	100		
58	26.4	31.5	47.3#



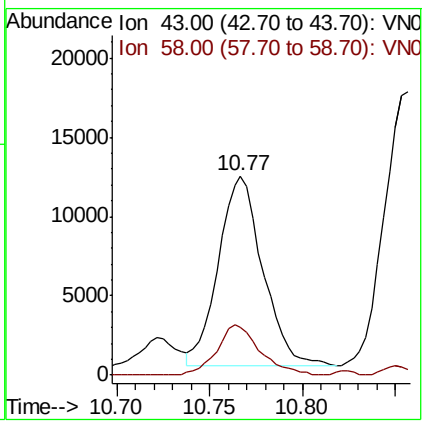


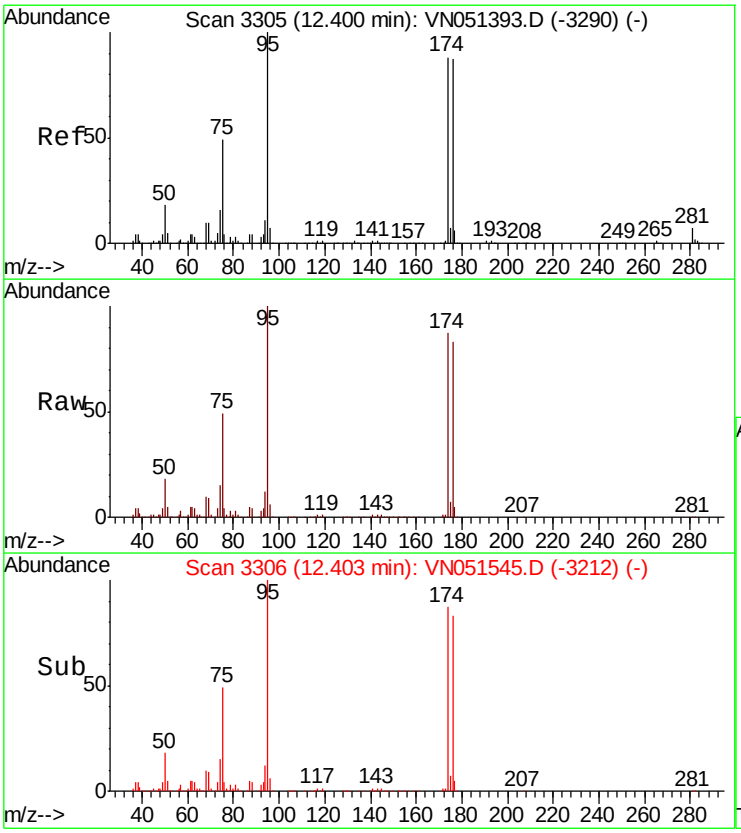
#59
2-Hexanone
Concen: 4.182 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Instrument :
MSVOA_N
ClientSampleId :
PB113219ZHE#02

Tgt Ion: 43 Resp: 19850

Ion	Ratio	Lower	Upper
43	100		
58	25.9	27.7	83.0#

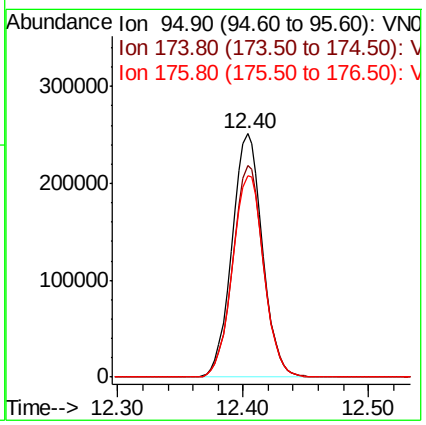


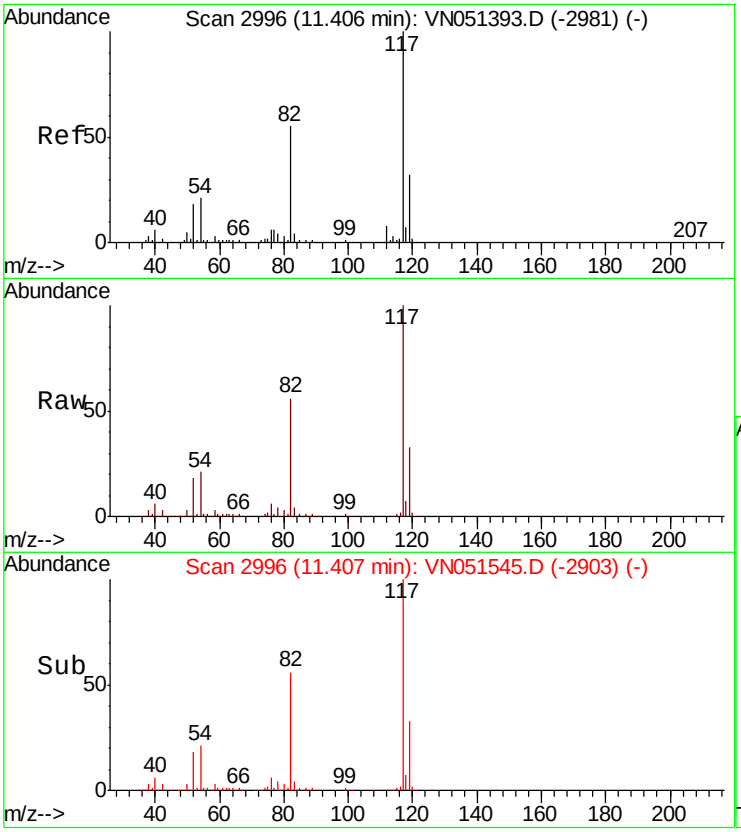


#62
4-Bromofluorobenzene
Concen: 39.259 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Tgt Ion: 95 Resp: 422891

Ion	Ratio	Lower	Upper
95	100		
174	87.7	0.0	181.6
176	85.6	0.0	176.4



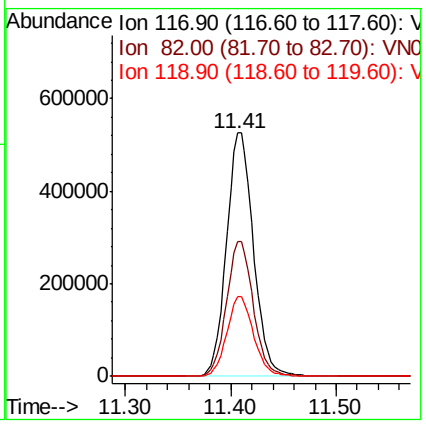


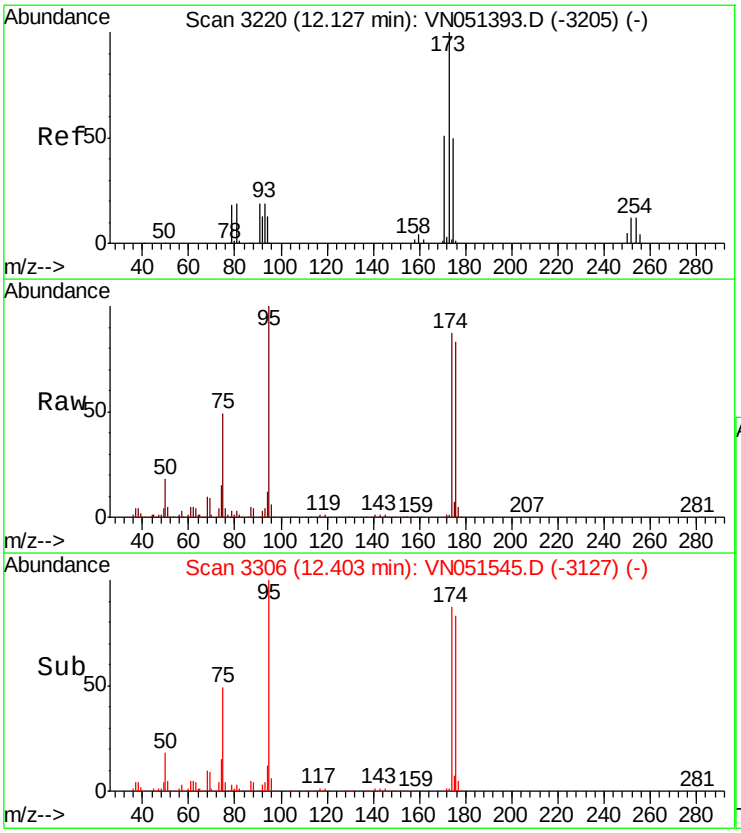
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Instrument : MSVOA_N
ClientSampleId : PB113219ZHE#02

Tgt Ion:117 Resp: 931010

Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.2	66.2
119	32.7	25.9	38.9

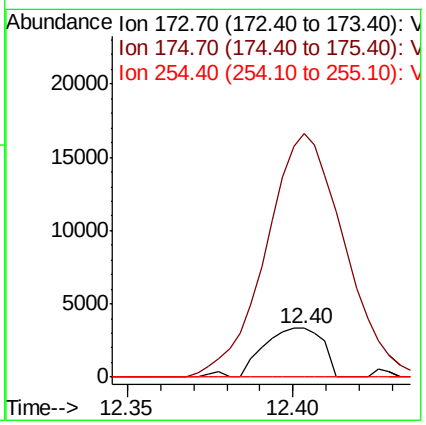


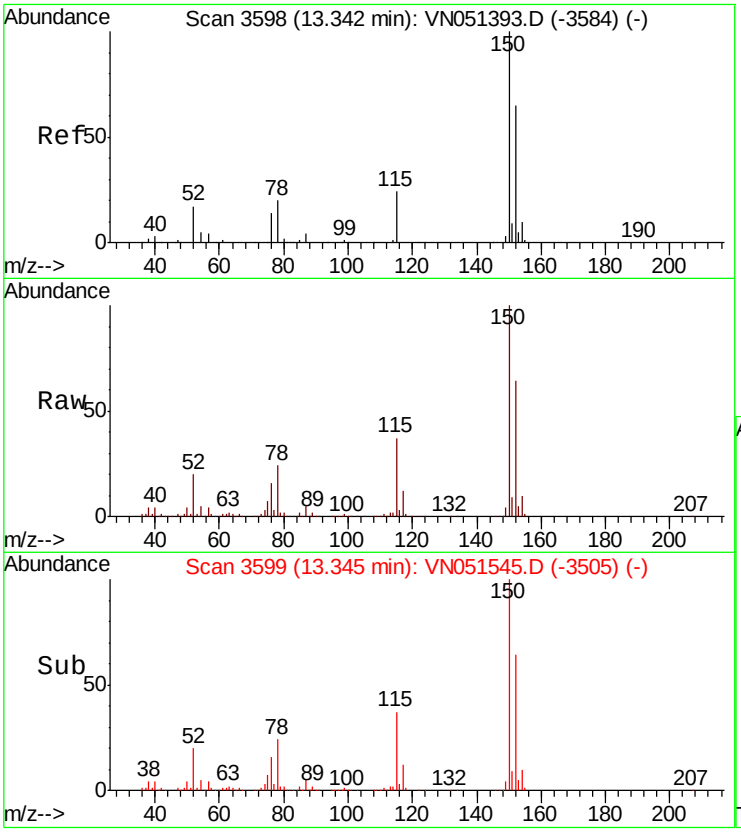


#71
Bromoform
Concen: 0.677 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Tgt Ion:173 Resp: 4182

Ion	Ratio	Lower	Upper
173	100		
175	541.1	24.8	74.3#
254	0.0	0.2	0.2#



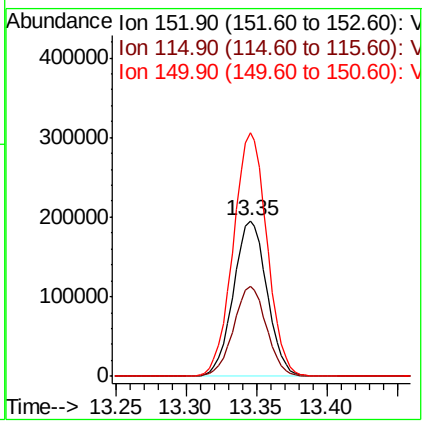


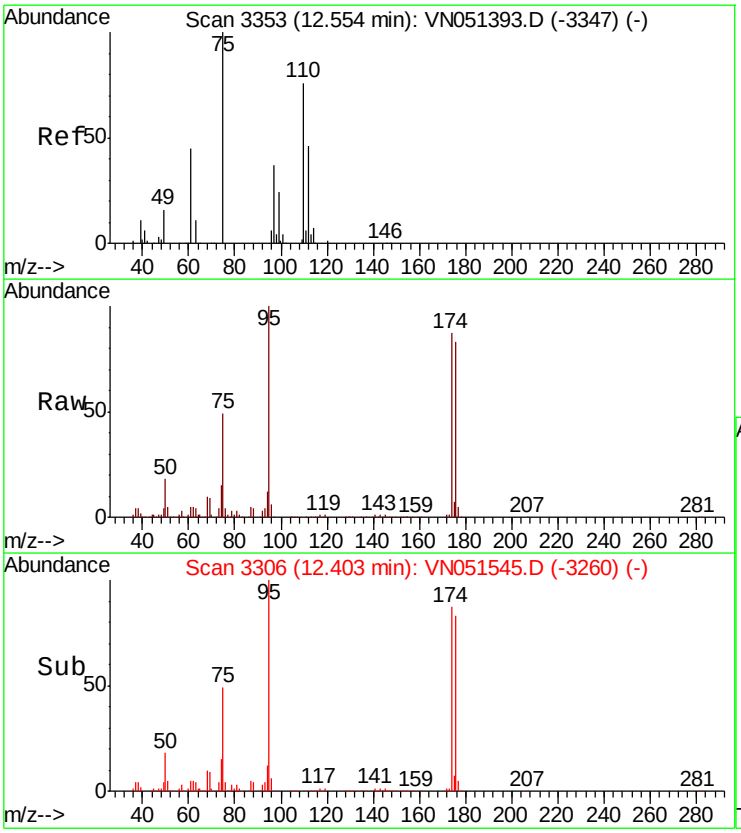
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Instrument : MSVOA_N
ClientSampleId : PB113219ZHE#02

Tgt Ion:152 Resp: 327009

Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.3	84.9
150	156.9	0.0	353.6

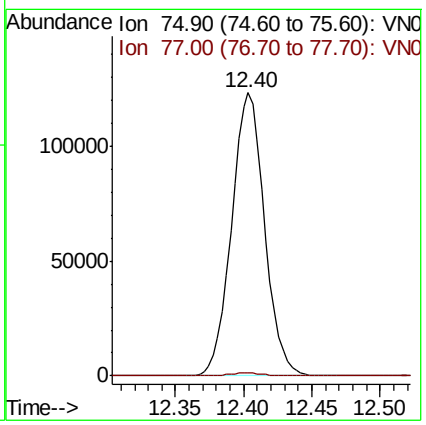


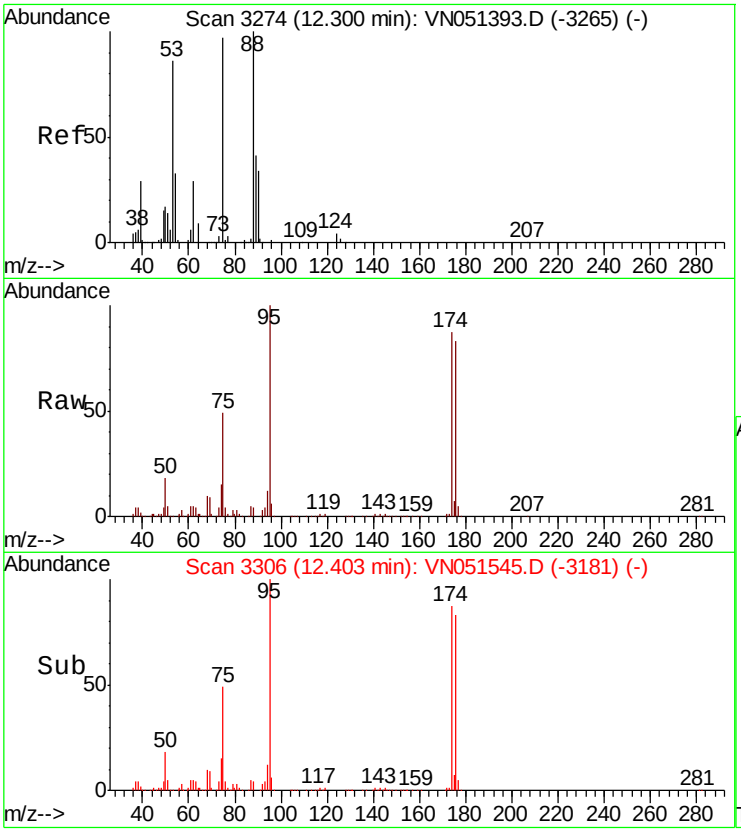


#76
1,2,3-Trichloropropane
Concen: 37.967 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Tgt Ion: 75 Resp: 206106

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



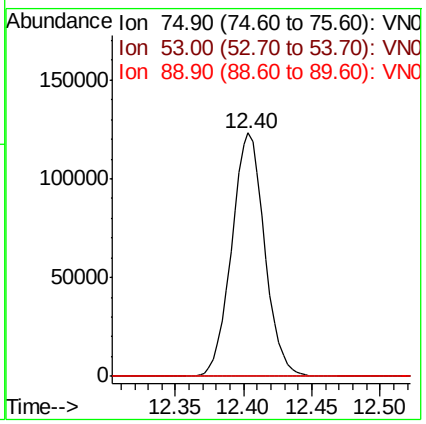


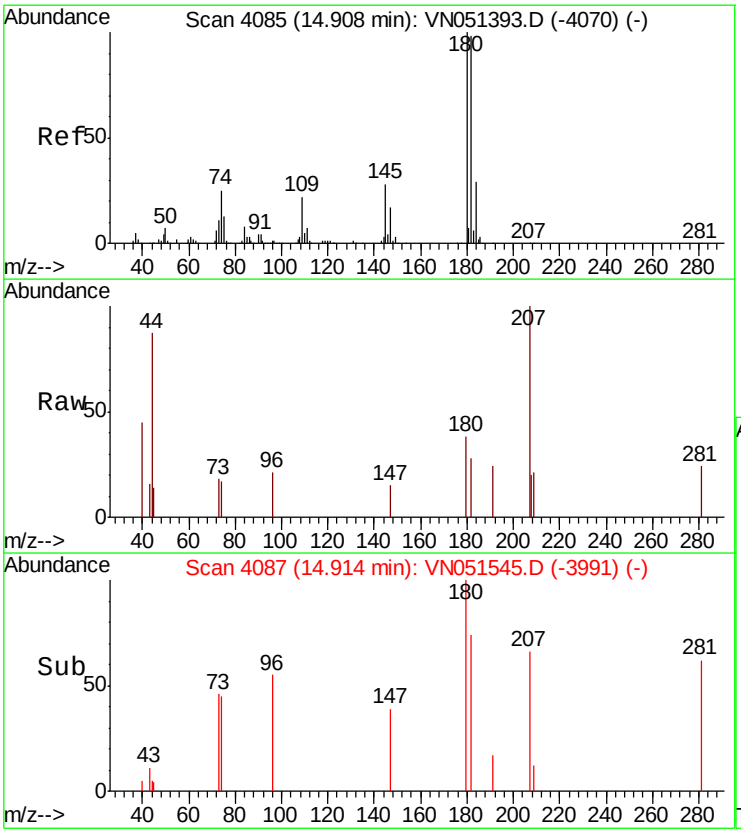
#81
trans-1,4-Dichloro-2-butene
Concen: 116.746 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Instrument :
MSVOA_N
ClientSampleId :
PB113219ZHE#02

Tgt Ion: 75 Resp: 206106

Ion	Ratio	Lower	Upper
75	100		
53	0.1	73.9	110.9#
89	0.0	36.7	55.1#

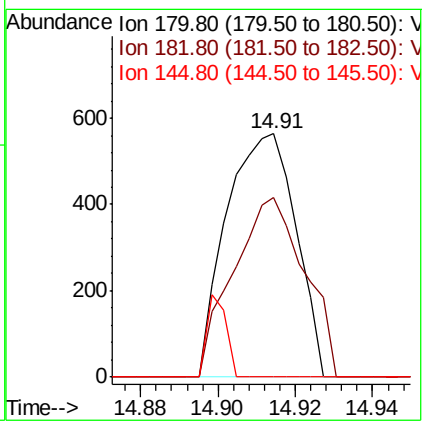


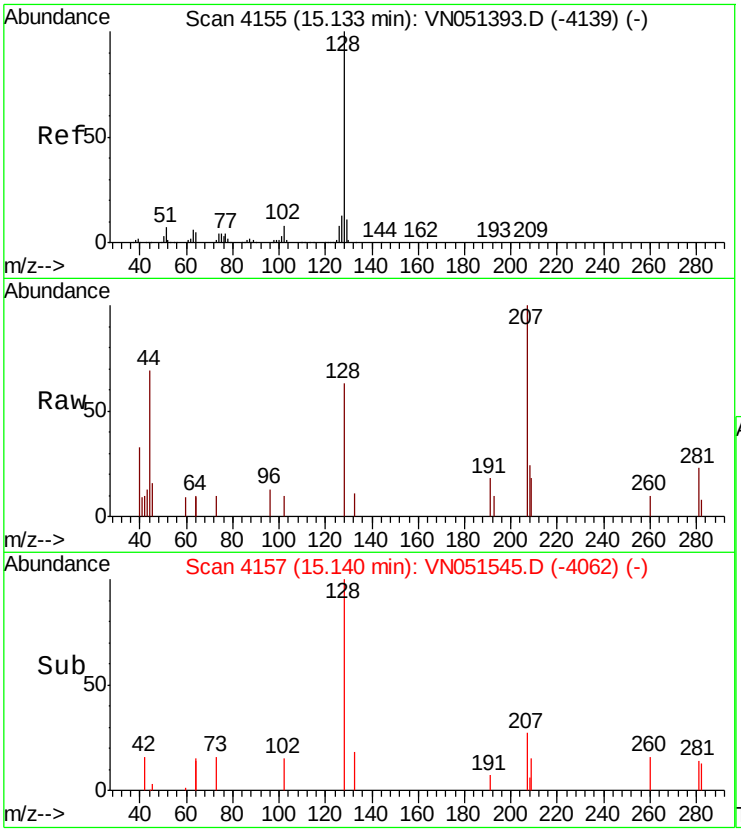


#93
1,2,4-Trichlorobenzene
Concen: 6.079 ug/l
RT: 14.91 min Scan# 4087
Delta R.T. 0.01 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Tgt Ion:180 Resp: 700

Ion	Ratio	Lower	Upper
180	100		
182	76.0	48.5	145.6
145	9.6	14.1	42.4#





#95
Naphthalene
Concen: 8.196 ug/l
RT: 15.14 min Scan# 4157
Delta R.T. 0.01 min
Lab File: VN051545.D
Acq: 26 Sep 2018 19:33

Instrument :
MSVOA_N
ClientSampleId :
PB113219ZHE#02

Tgt Ion:128 Resp: 2204

Ion	Ratio	Lower	Upper
128	100		
127	4.6	10.5	15.7#
129	1.4	8.6	12.8#