Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050919\
Data File : VN055519.D
Acq On : 10 May 2019 1:14
Operator : JC/SP
Sample : K2758-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : CKMW-02

Quant Time: May 10 13:51:09 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	7.67	168	889127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1507290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1269364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	350730	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	605584	45.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.48%			
35) Dibromofluoromethane	7.59	113	468394	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.34%			
50) Toluene-d8	10.09	98	1841930	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.22%			
62) 4-Bromofluorobenzene	12.40	95	531311	41.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.18%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.19	62	34989	2.520	ug/l	99
12) 1,1-Dichloroethene	3.73	96	34629	3.564	ug/l	98
24) 1,1-Dichloroethane	5.85	63	233508	10.693	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	169721	13.939	ug/l	91
44) Trichloroethene	8.83	130	70948	6.470	ug/l	99
64) Tetrachloroethene	10.63	164	2663	0.256	ug/l	90
95) Naphthalene	15.13	128	3677	3.174	ug/l #	90

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

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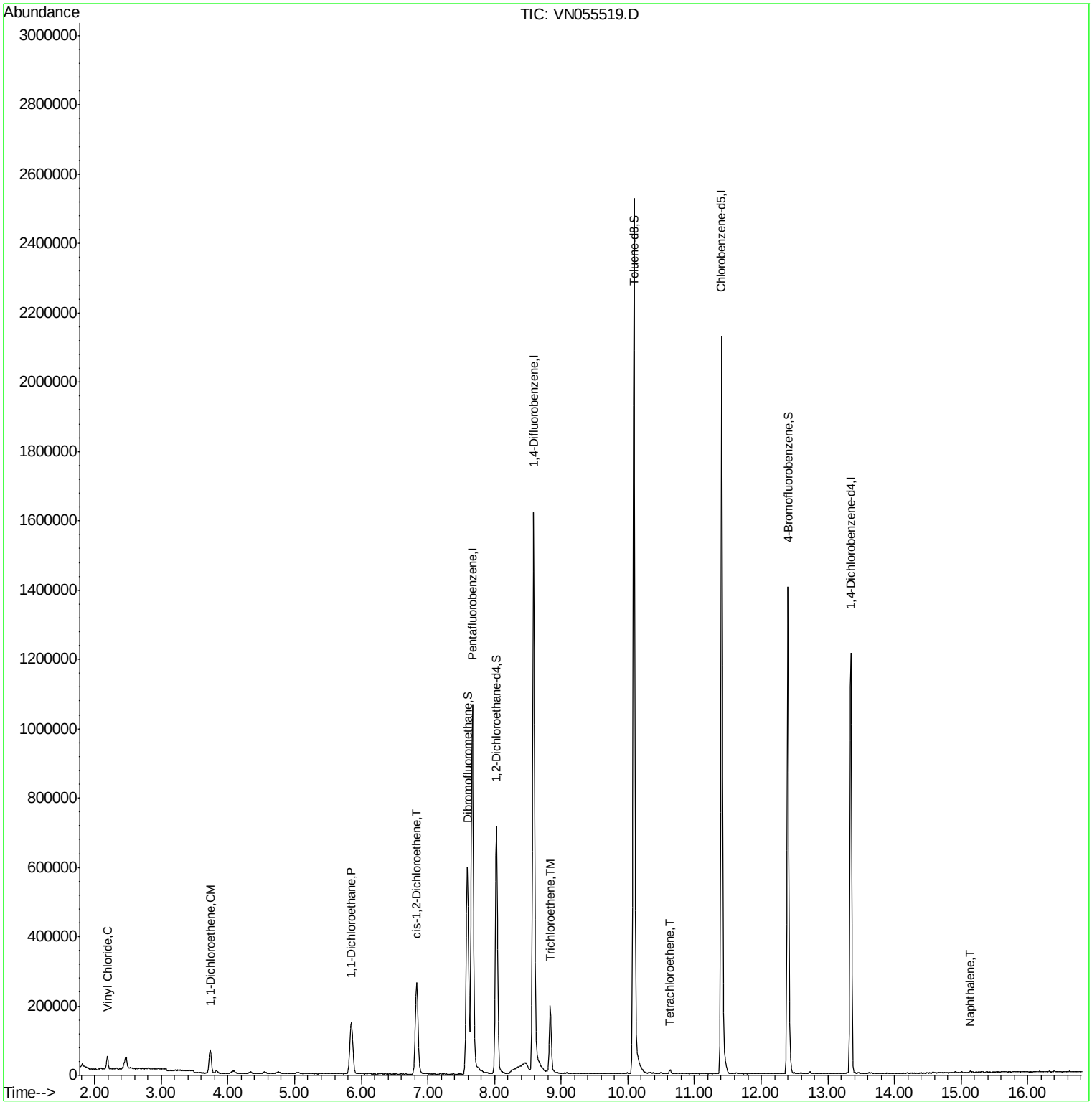
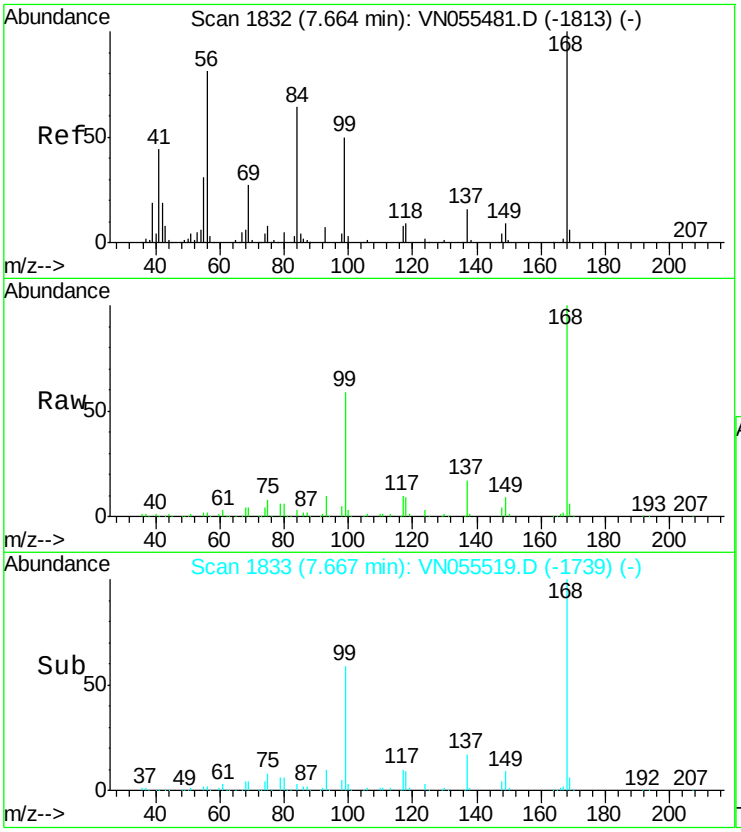


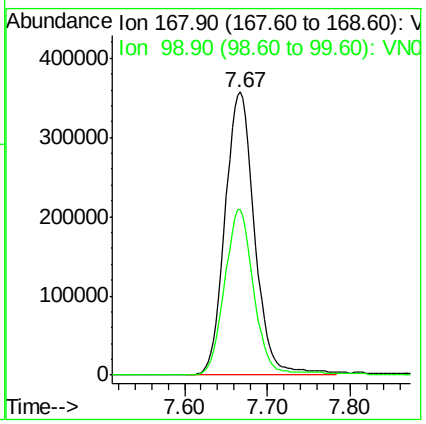


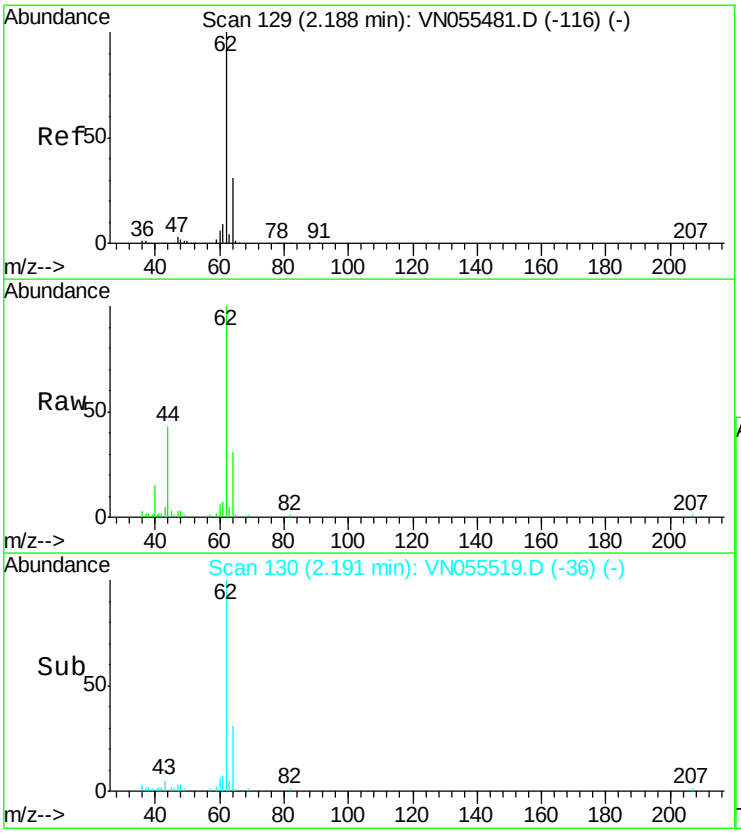
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Instrument :
MSVOA_N
ClientSampleId :
CKMW-02

Tgt Ion:168 Resp: 889127

Ion	Ratio	Lower	Upper
168	100		
99	58.6	47.0	70.4

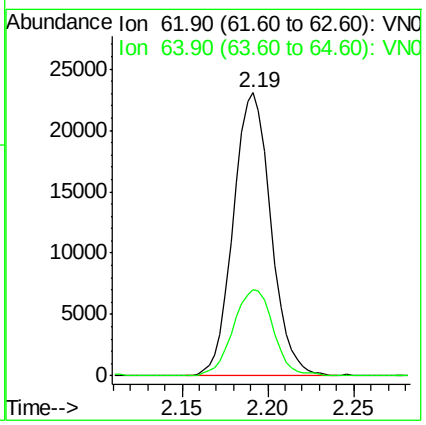


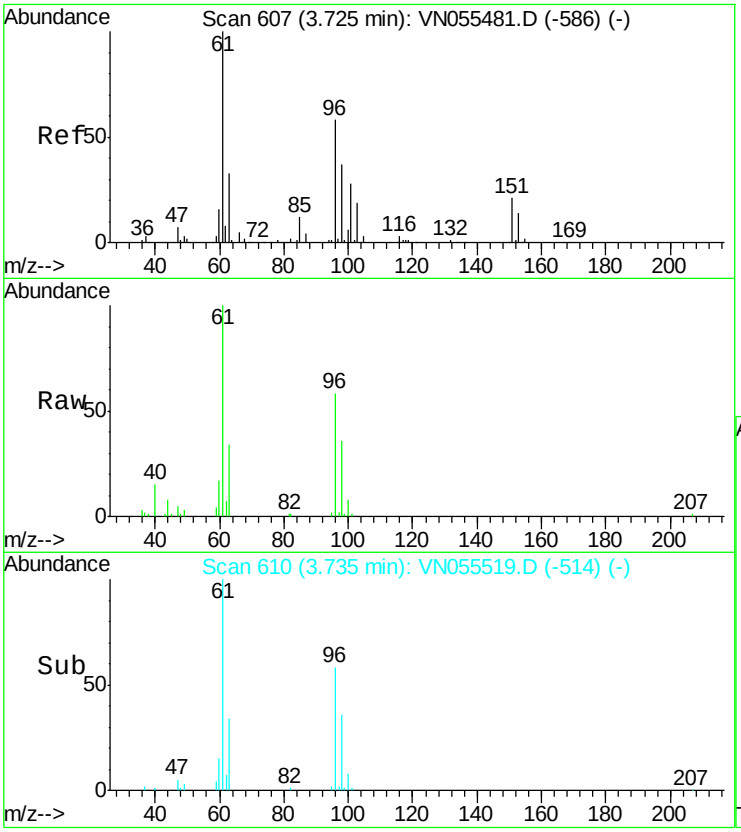


#4
Vinyl Chloride
Concen: 2.520 ug/l
RT: 2.19 min Scan# 130
Delta R.T. 0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Tgt Ion: 62 Resp: 34989

Ion	Ratio	Lower	Upper
62	100		
64	30.6	25.0	37.6



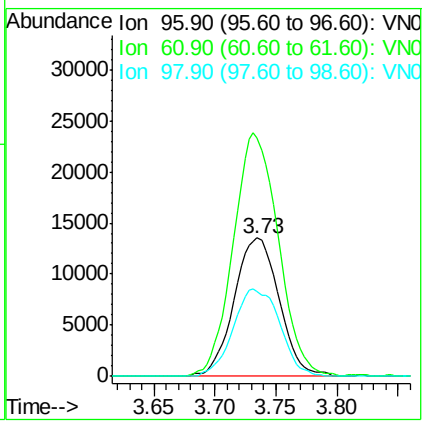


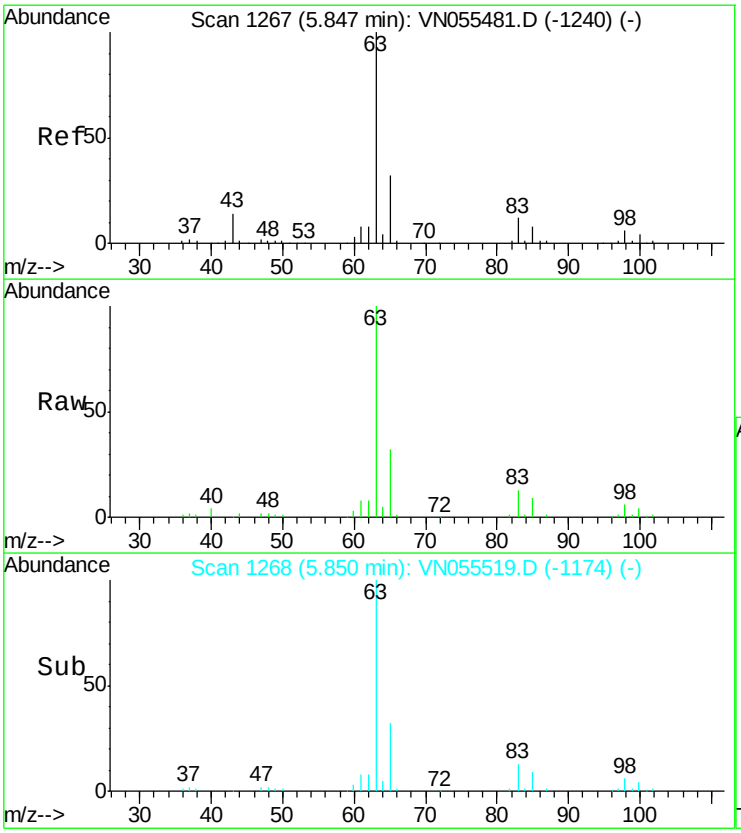
#12
1,1-Dichloroethene
Concen: 3.564 ug/l
RT: 3.73 min Scan# 610
Delta R.T. 0.01 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Instrument :
MSVOA_N
ClientSampleId :
CKMW-02

Tgt Ion: 96 Resp: 34629

Ion	Ratio	Lower	Upper
96	100		
61	171.8	138.7	208.1
98	61.1	50.6	76.0

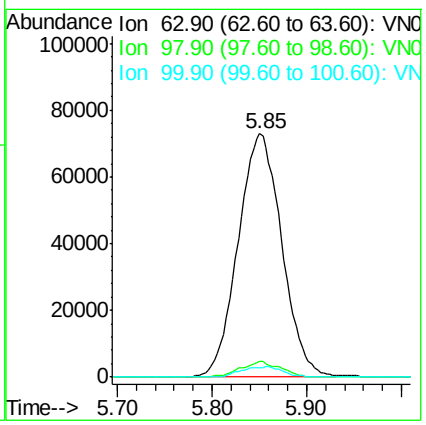


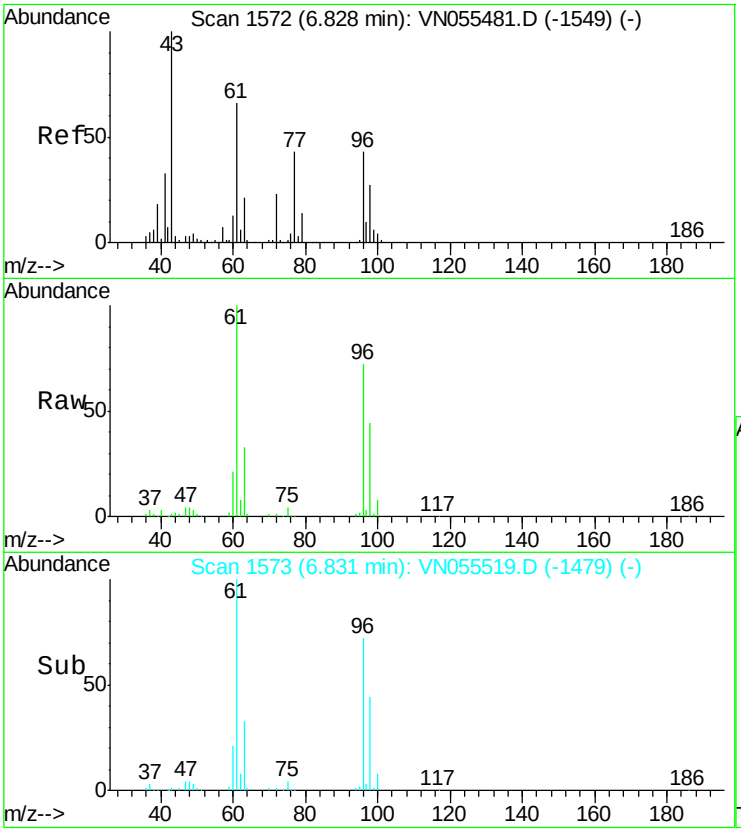


#24
1,1-Dichloroethane
Concen: 10.693 ug/l
RT: 5.85 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Tgt Ion: 63 Resp: 233508

Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.0	9.0
100	3.9	1.9	5.7



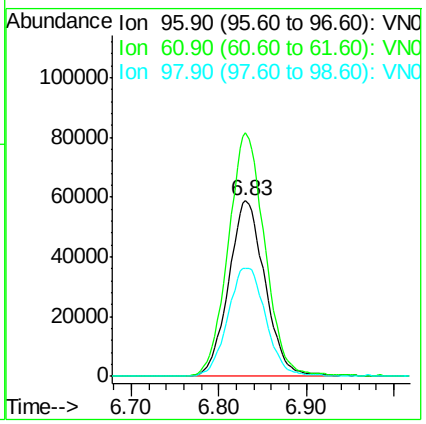


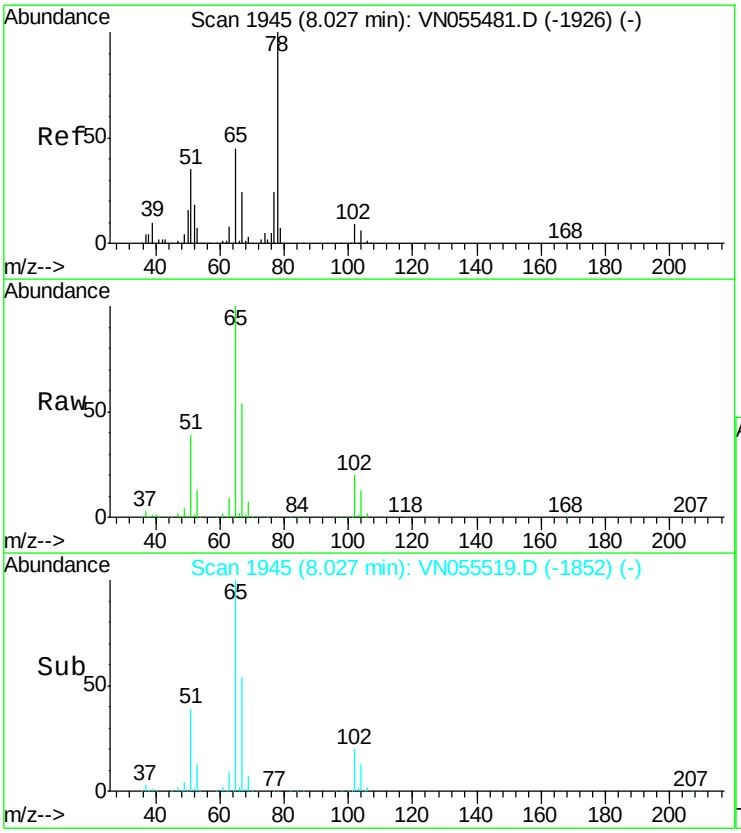
#27
cis-1,2-Dichloroethene
Concen: 13.939 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Instrument :
MSVOA_N
ClientSampleId :
CKMW-02

Tgt Ion: 96 Resp: 169721

Ion	Ratio	Lower	Upper
96	100		
61	138.7	0.0	310.8
98	64.4	0.0	129.4

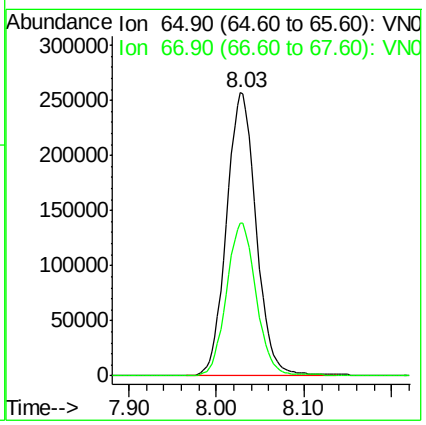


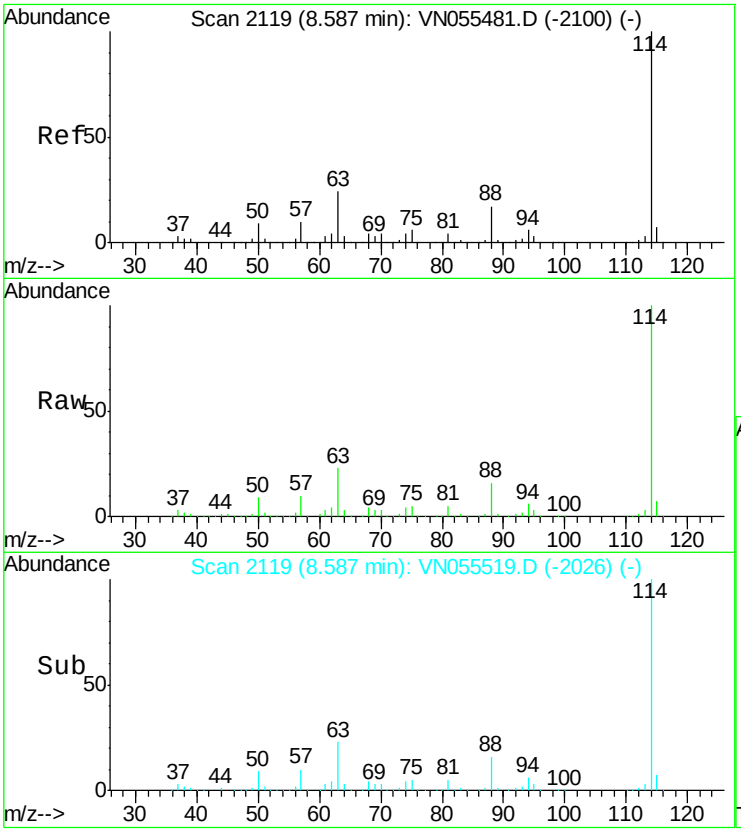


#33
1,2-Dichloroethane-d4
Concen: 45.236 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Tgt Ion: 65 Resp: 605584

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	109.6



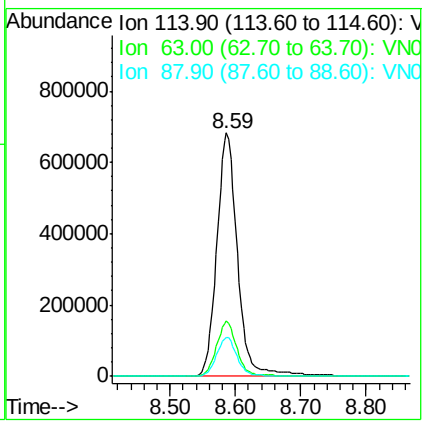


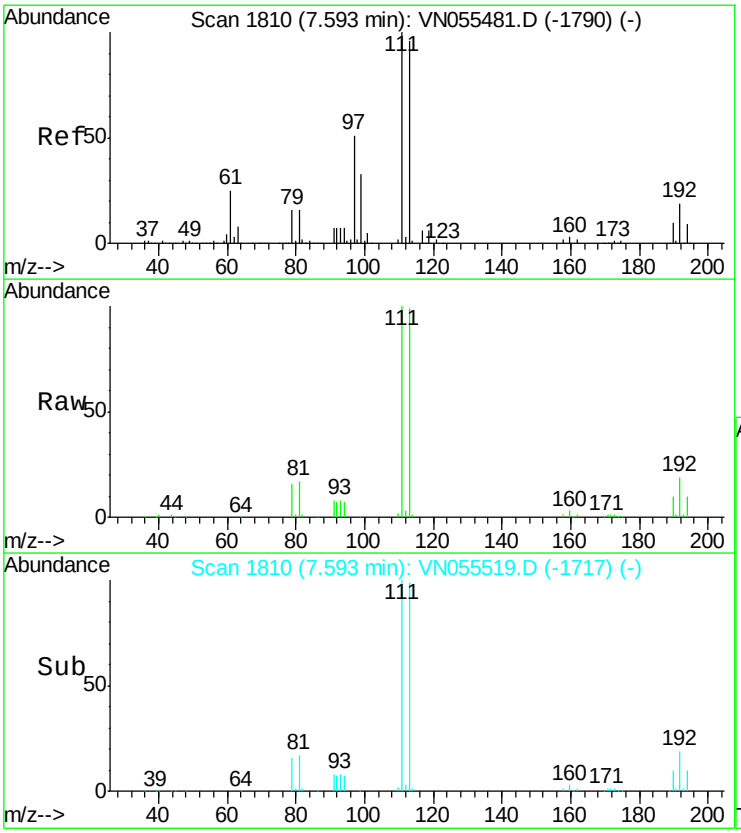
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Instrument :
MSVOA_N
ClientSampleId :
CKMW-02

Tgt Ion:114 Resp: 1507290

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	47.4
88	16.2	0.0	34.0

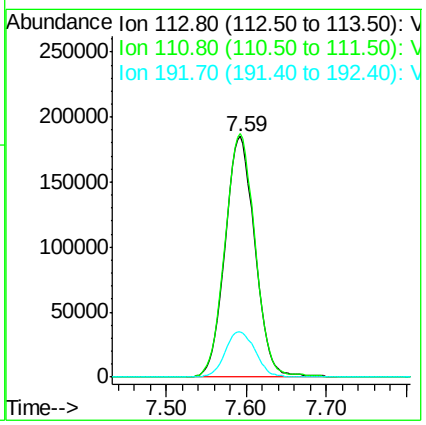


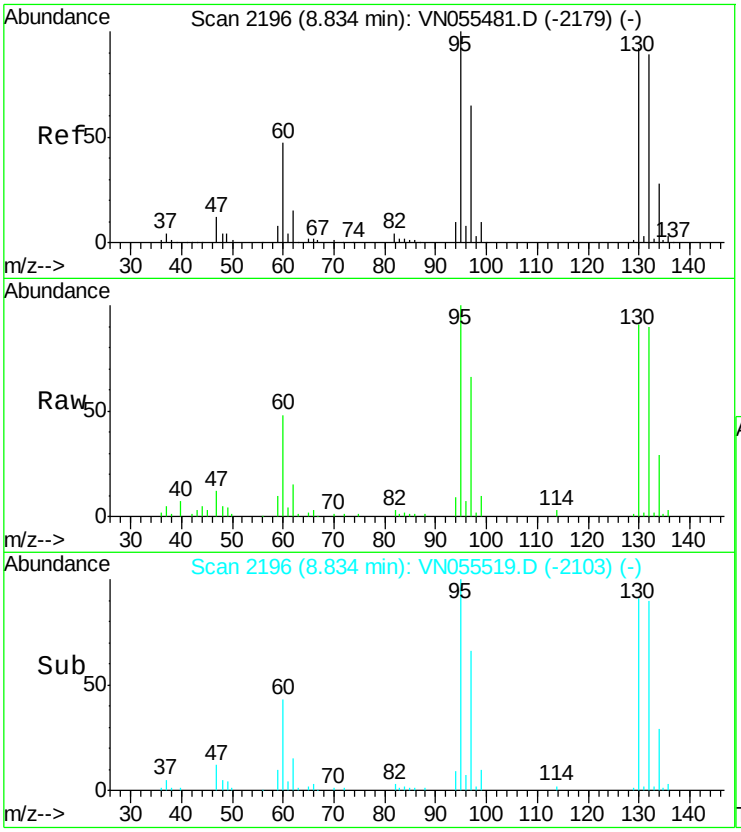


#35
Dibromofluoromethane
Concen: 48.173 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Tgt Ion:113 Resp: 468394

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	19.2	15.6	23.4



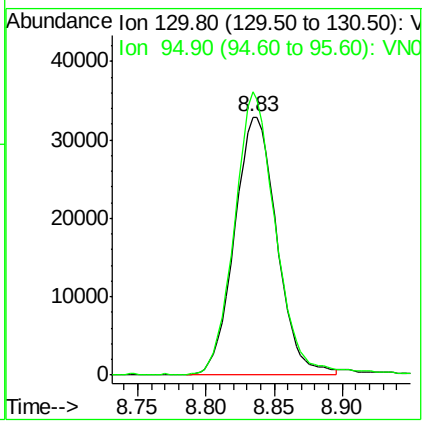


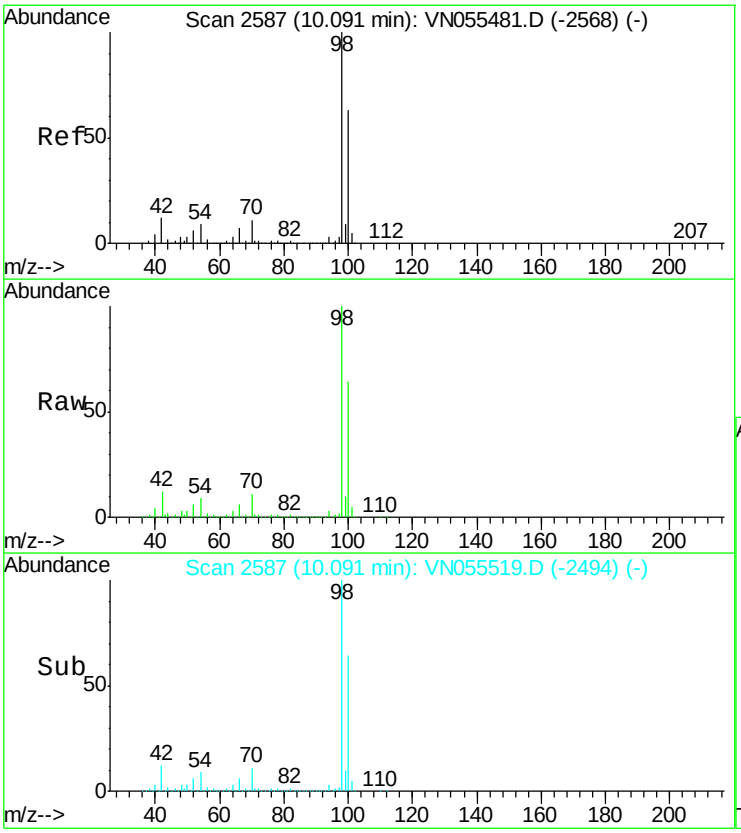
#44
Trichloroethene
Concen: 6.470 ug/l
RT: 8.83 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Instrument :
MSVOA_N
ClientSampleId :
CKMW-02

Tgt Ion:130 Resp: 70948

Ion	Ratio	Lower	Upper
130	100		
95	109.6	0.0	216.8

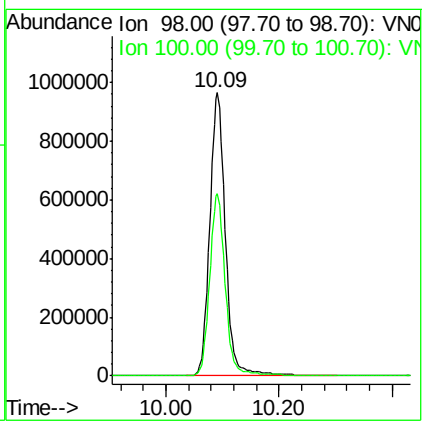


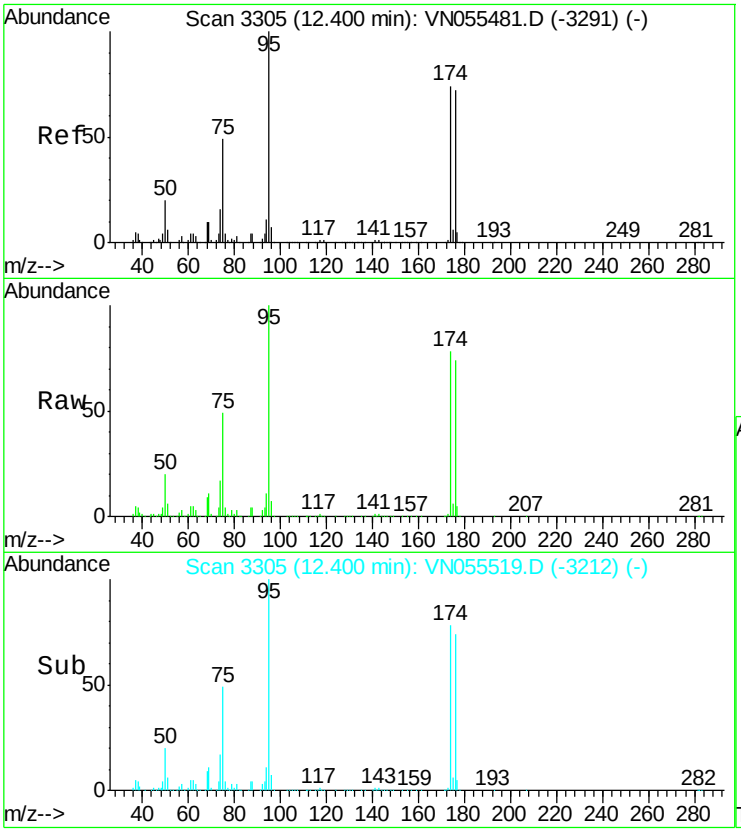


#50
Toluene-d8
Concen: 48.612 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Tgt Ion: 98 Resp: 1841930

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.4	75.6



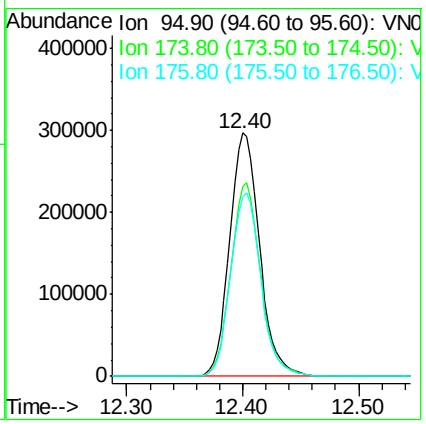


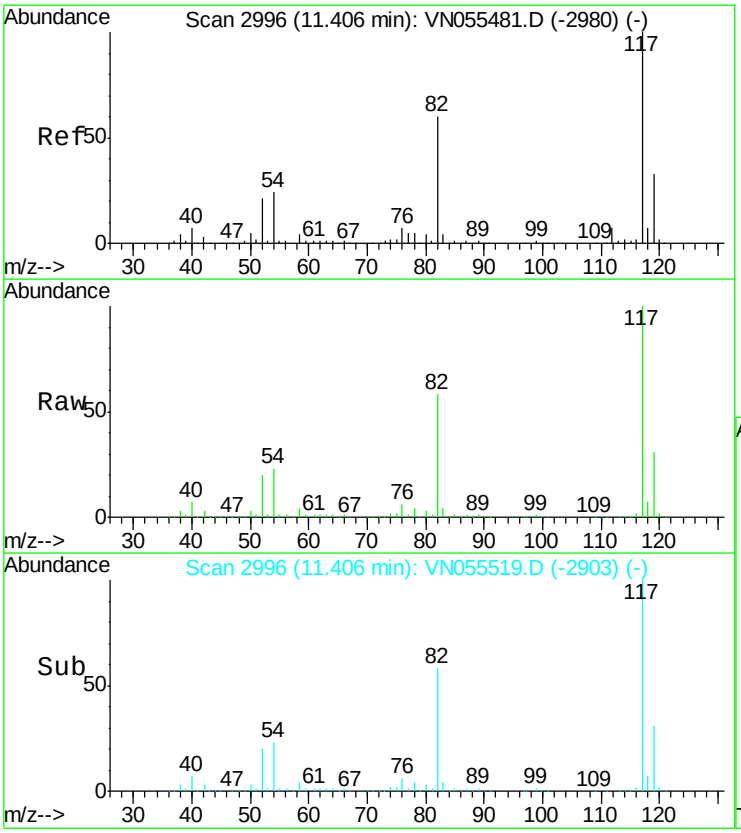
#62
4-Bromofluorobenzene
Concen: 41.586 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Instrument :
MSVOA_N
ClientSampleId :
CKMW-02

Tgt Ion: 95 Resp: 531311

Ion	Ratio	Lower	Upper
95	100		
174	78.8	0.0	152.2
176	75.9	0.0	147.8

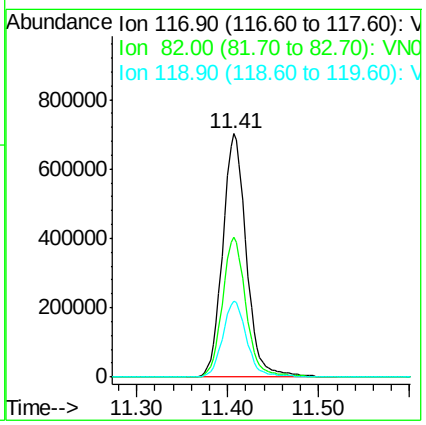


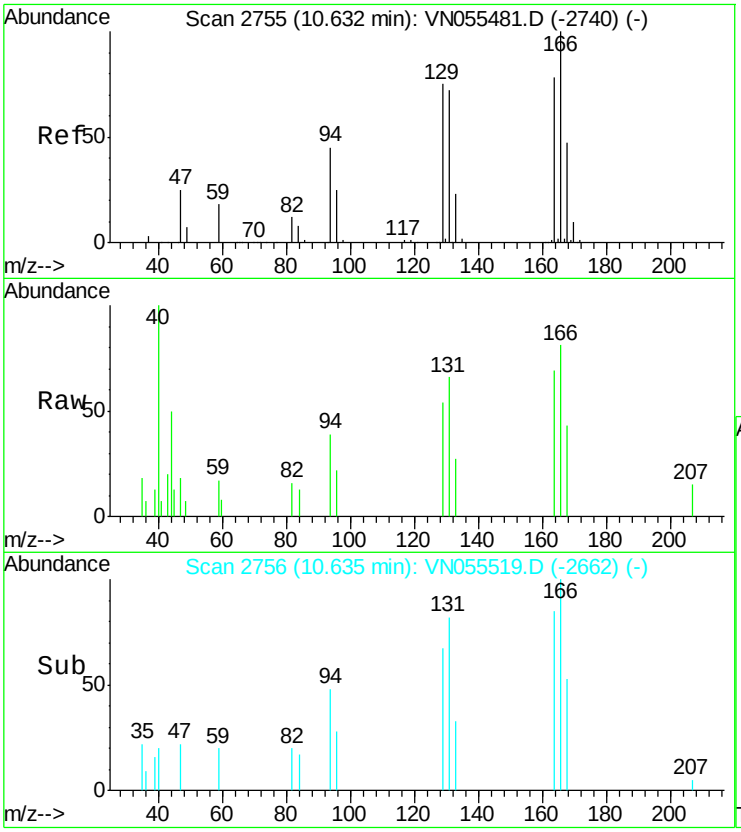


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Tgt Ion:117 Resp: 1269364

Ion	Ratio	Lower	Upper
117	100		
82	57.5	48.0	72.0
119	31.4	26.0	39.0



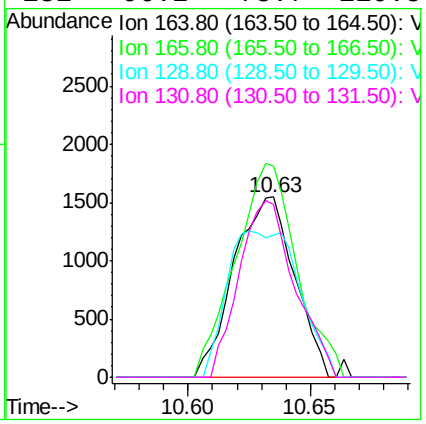


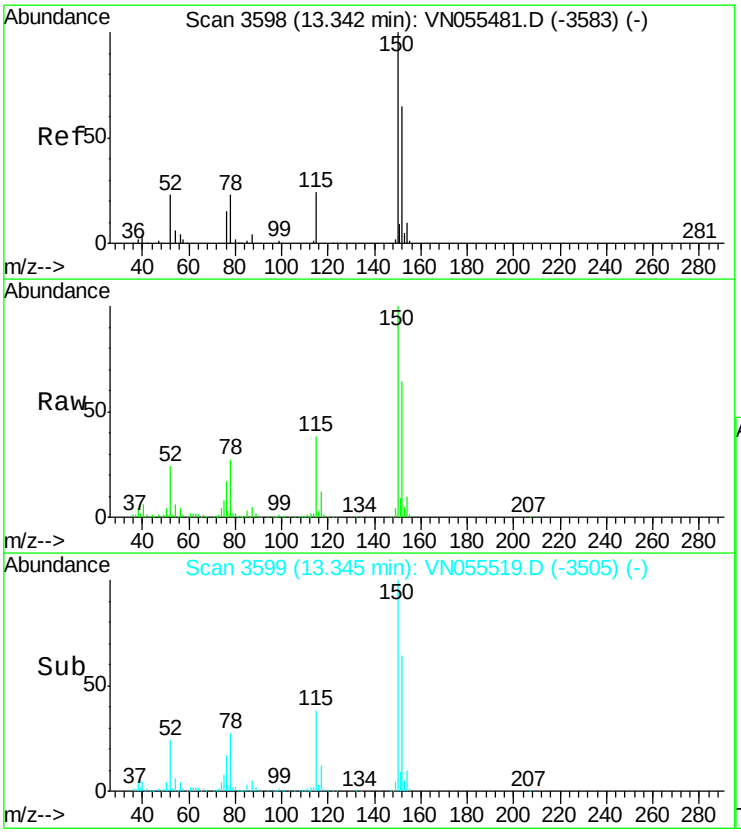
#64
Tetrachloroethene
Concen: 0.256 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Instrument : MSVOA_N
ClientSampleId : CKMW-02

Tgt Ion:164 Resp: 2663

Ion	Ratio	Lower	Upper
164	100		
166	117.6	102.6	153.8
129	78.8	77.0	115.6
131	96.2	73.7	110.5

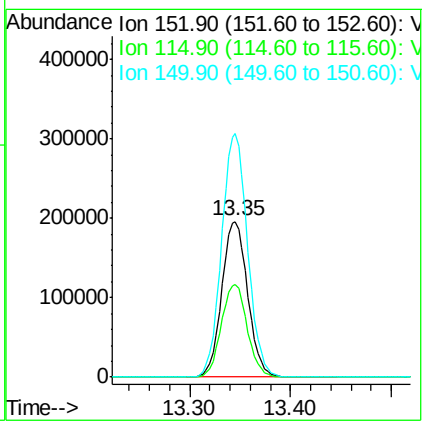


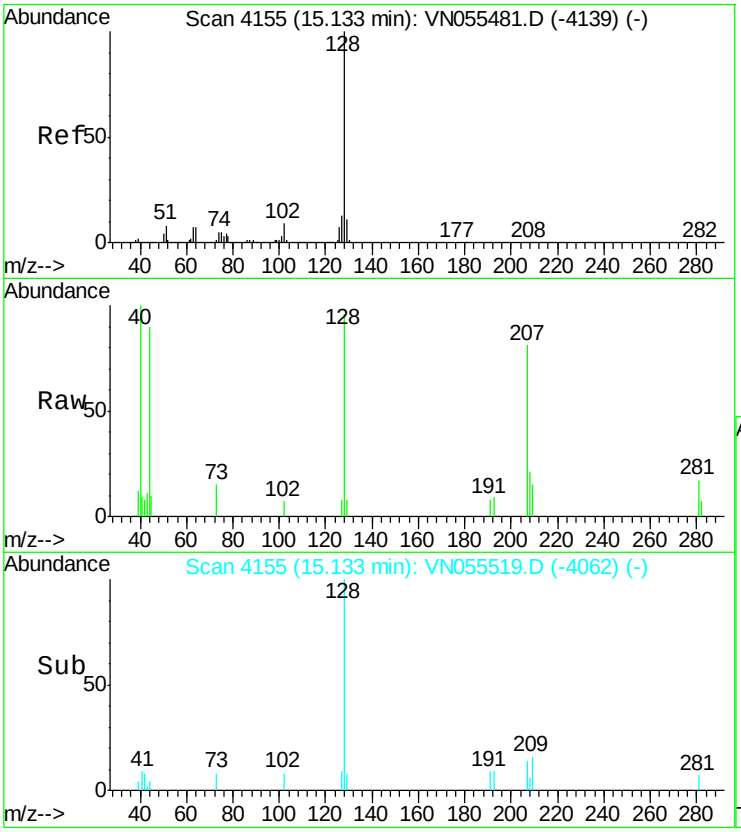


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Tgt Ion:152 Resp: 350730

Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.1	90.5
150	157.1	0.0	355.0





#95
Naphthalene
Concen: 3.174 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Instrument :
MSVOA_N
ClientSampleId :
CKMW-02

Tgt Ion:128 Resp: 3677

Ion	Ratio	Lower	Upper
128	100		
127	8.8	10.0	15.0#
129	7.2	8.8	13.2#