Quantitation Report (Not 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 04:21:05 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
13) Acrolein	3.60	56	300	0.228	ug/l	#	40
16) Acetone	3.82	43	11383	1.836	ug/l		99
18) Methyl Acetate	4.34	43	8644	Below Cal		#	82
20) Methylene Chloride	4.55	84	3236	0.255	ug/l	#	90
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
31) Cyclohexane	7.67	56	18969	0.878	ug/l	#	1
36) 1,1-Dichloropropene	7.66	75	71478	4.814	ug/l	#	50
38) Carbon Tetrachloride	7.67	117	86668	6.931	ug/l	#	16
44) Trichloroethene	8.83	130	70948	6.470	ug/l		99
49) 1,4-Dioxane	9.21	88	474	2.051	ug/l	#	1
60) Dibromochloromethane	10.63	129	2543	0.262	ug/l	#	11
64) Tetrachloroethene	10.63	164	2663	0.256	ug/l		90
71) Bromoform	12.40	173	3740	0.616	ug/l	#	1
73) Isopropylbenzene	12.25	105	784	Below Cal			98
75) 1,1,2,2-Tetrachloroethane	12.50	83	186	Below Cal		#	25
76) 1,2,3-Trichloropropane	12.40	75	260354	27.268	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.40	75	260354	100.614	ug/l	#	7
93) 1,2,4-Trichlorobenzene	14.91	180	780	3.346	ug/l		78
94) Hexachlorobutadiene	15.02	225	441	Below Cal		#	51
95) Naphthalene	15.13	128	3677	3.174	ug/l	#	90
96) 1,2,3-Trichlorobenzene	15.31	180	1068	2.603	ug/l	#	58

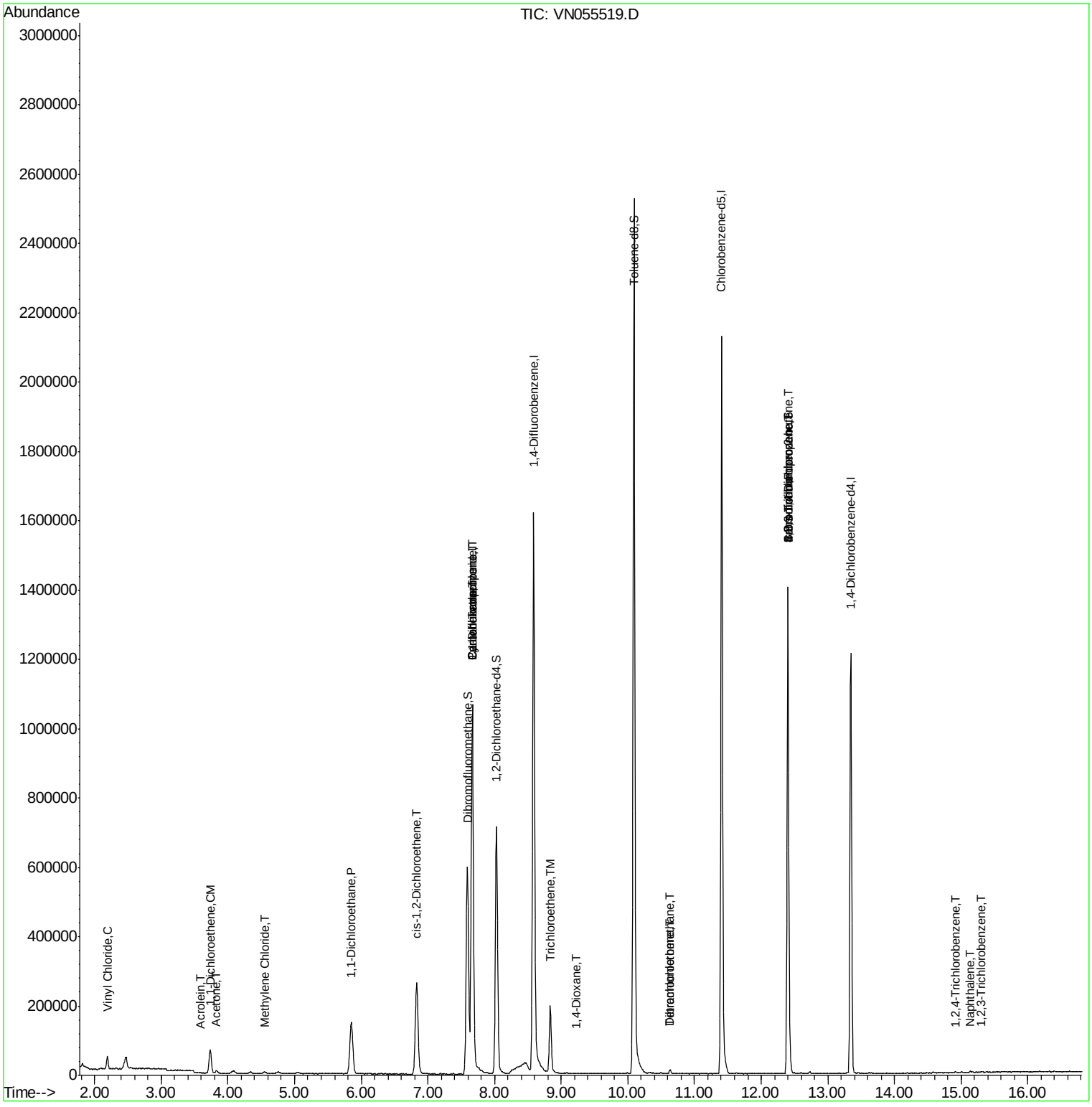
(#) = qualifier out of range (m) = manual integration (+) = signals summed

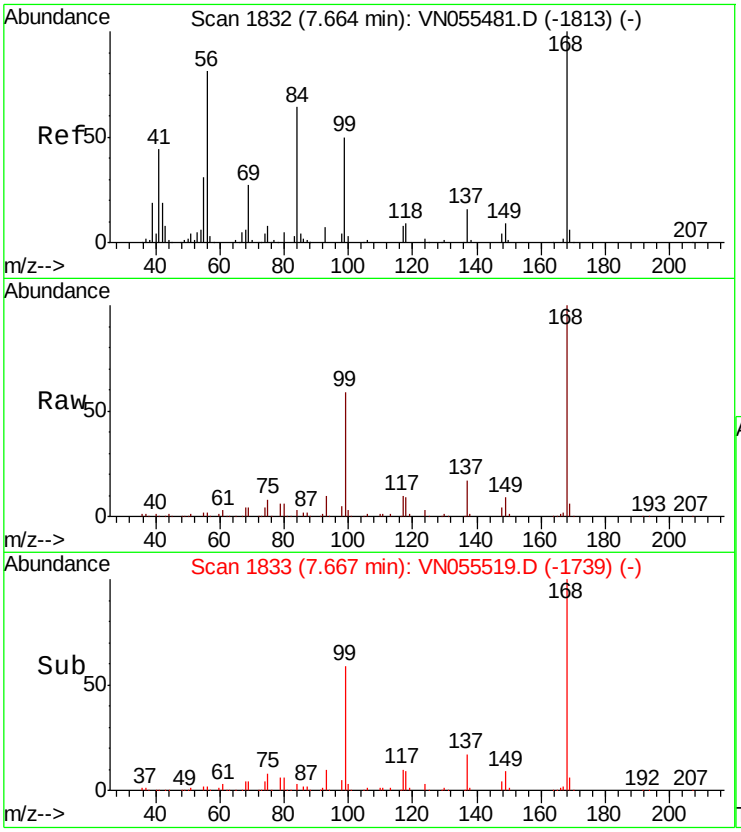
Quantitation Report (Not Reviewed)

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 04:21:05 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



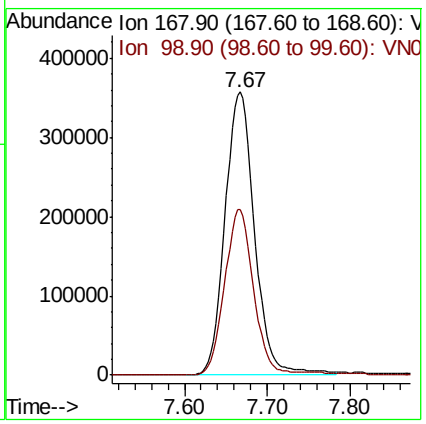


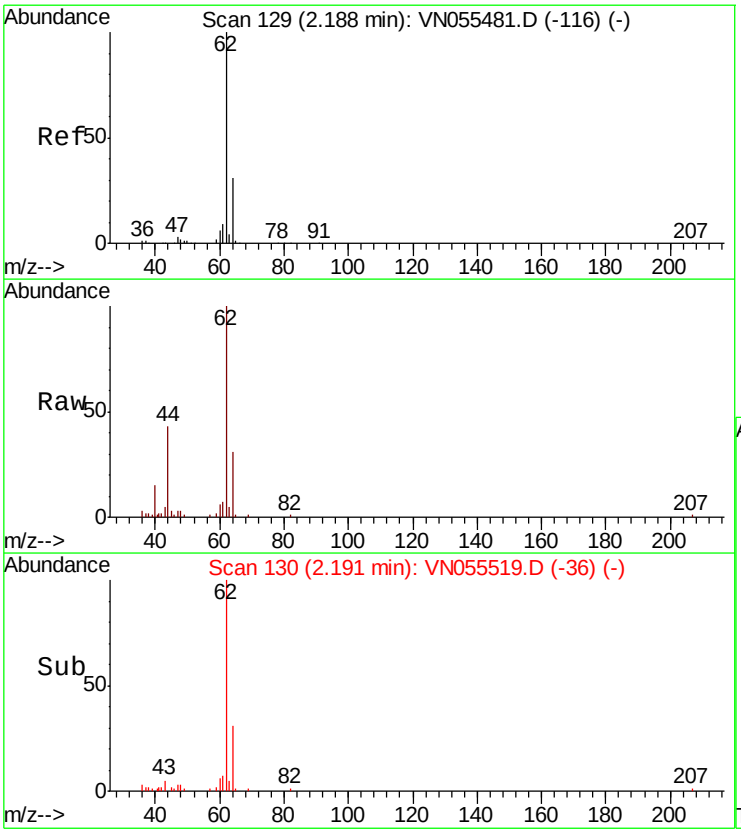
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Instrument :
MSVOA_N
ClientSampleId :
CKMW-02

Tgt Ion:168 Resp: 889127

Ion	Ratio	Lower	Upper
168	100		
99	58.6	47.0	70.4

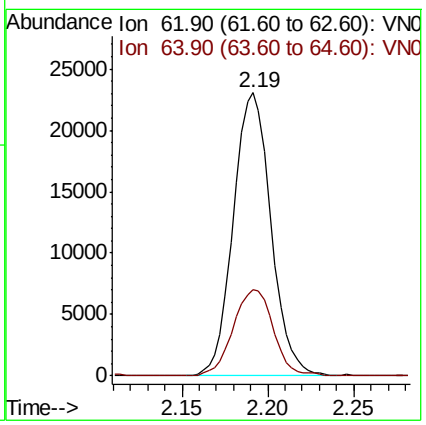


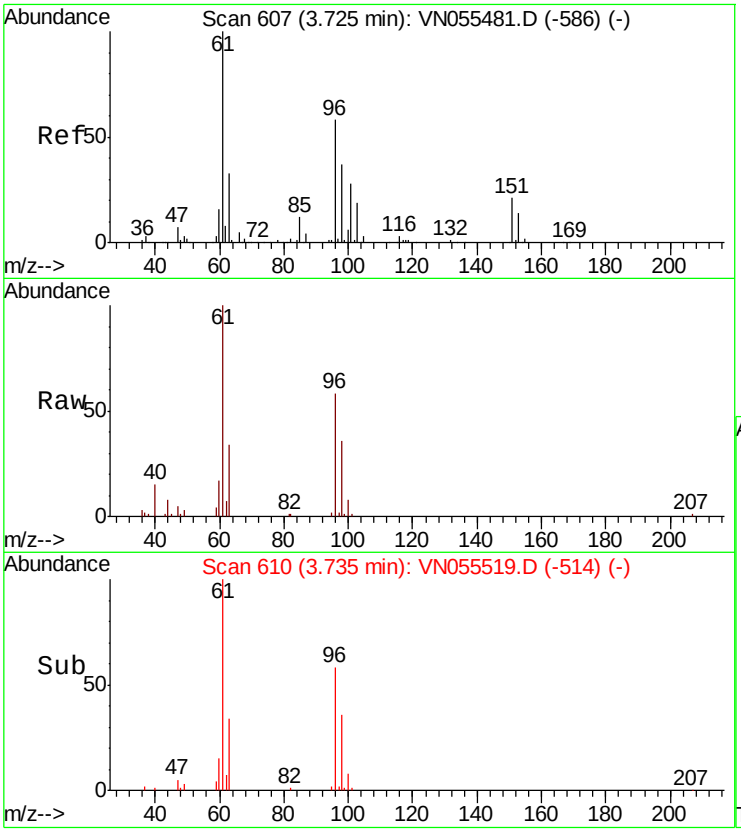


#4
Vinyl Chloride
Concen: 2.520 ug/l
RT: 2.19 min Scan# 130
Delta R.T. 0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Tgt Ion: 62 Resp: 34989

Ion	Ratio	Lower	Upper
62	100		
64	30.6	25.0	37.6



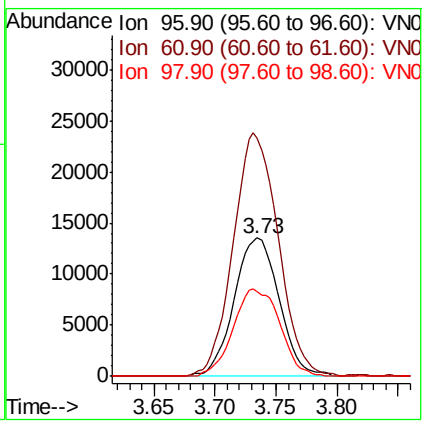


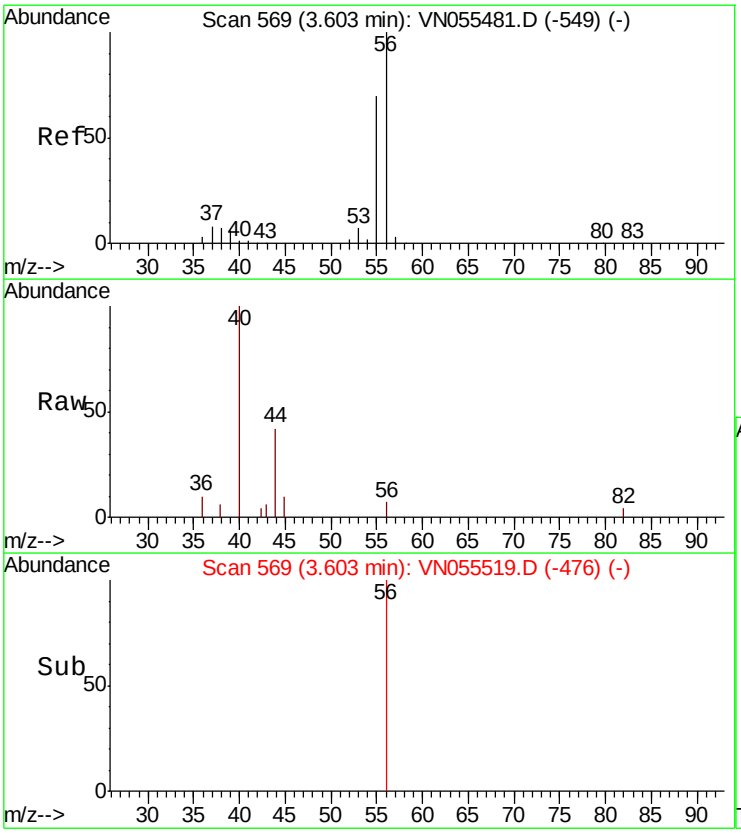
#12
1,1-Dichloroethene
Concen: 3.564 ug/l
RT: 3.73 min Scan# 610
Delta R.T. 0.01 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

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

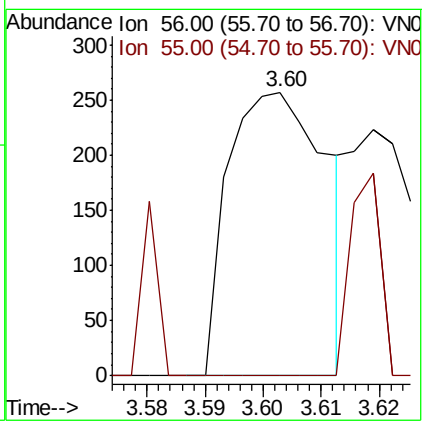


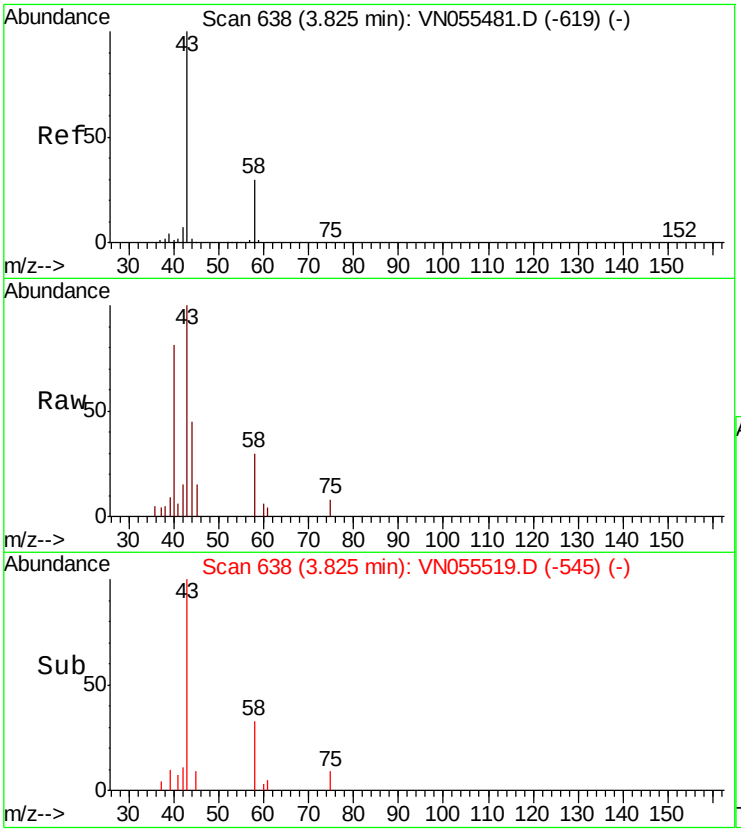


#13
Acrolein
Concen: 0.228 ug/l
RT: 3.60 min Scan# 569
Delta R.T. -0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Tgt Ion: 56 Resp: 300

Ion	Ratio	Lower	Upper
56	100		
55	22.0	57.7	86.5#



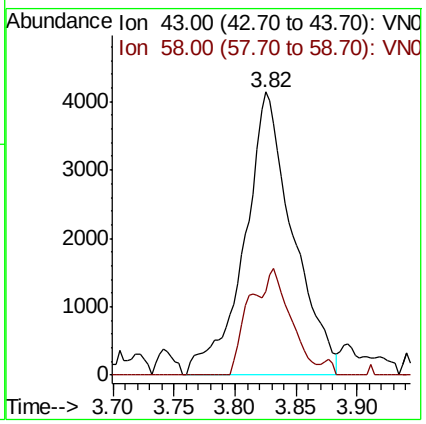


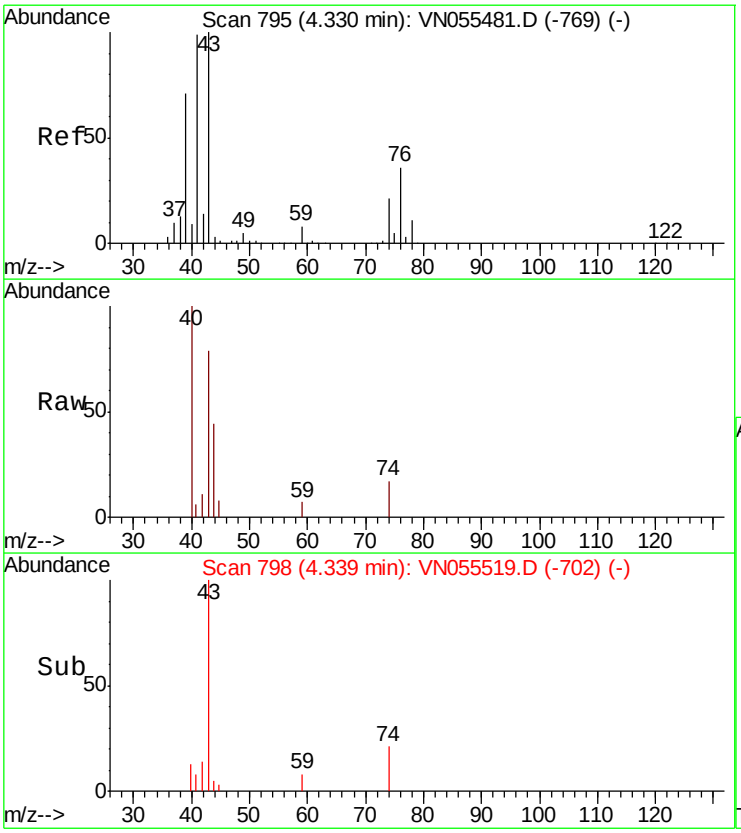
#16
Acetone
Concen: 1.836 ug/l
RT: 3.82 min Scan# 638
Delta R.T. -0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Instrument :
MSVOA_N
ClientSampleId :
CKMW-02

Tgt Ion: 43 Resp: 11383

Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.2	36.2

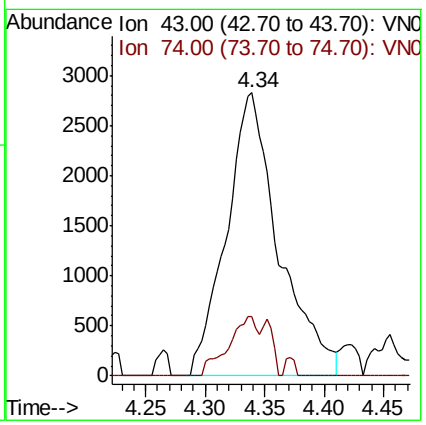


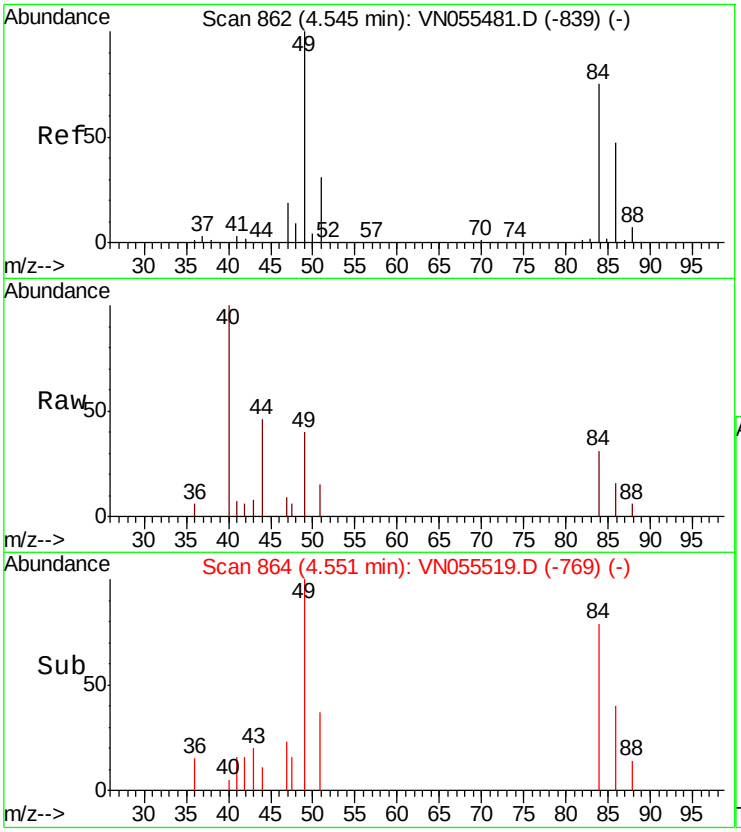


#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Tgt Ion: 43 Resp: 8644

Ion	Ratio	Lower	Upper
43	100		
74	11.9	16.3	24.5#



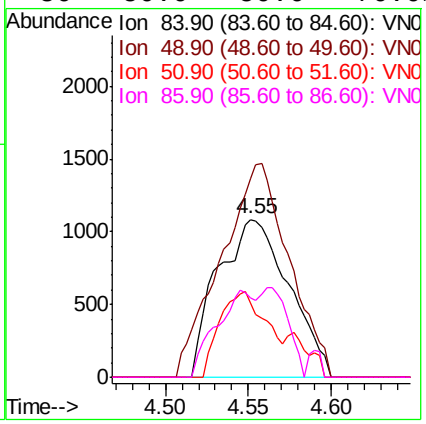


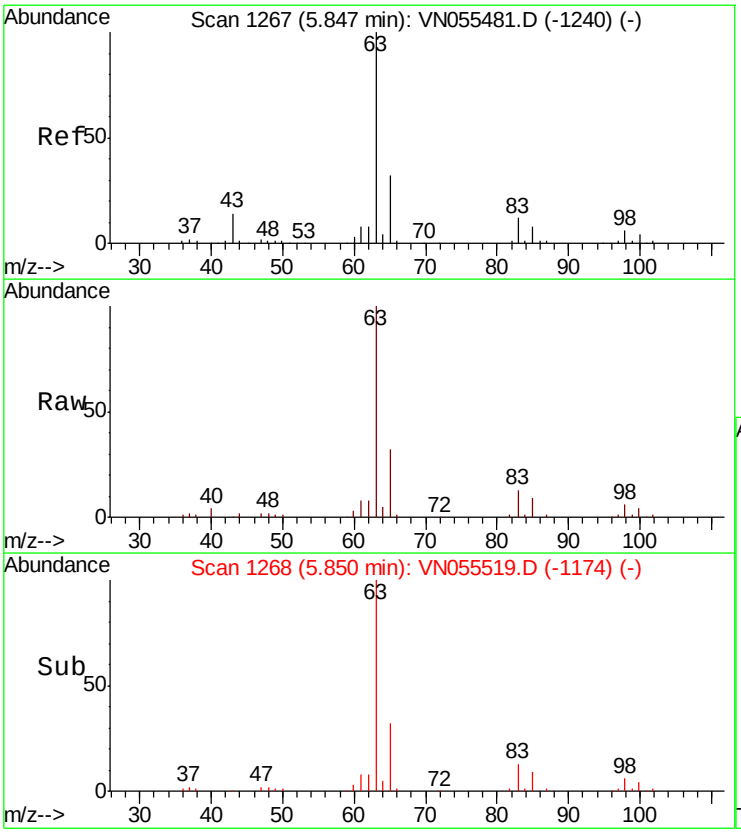
#20
Methylene Chloride
Concen: 0.255 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Instrument : MSVOA_N
ClientSampleId : CKMW-02

Tgt Ion: 84 Resp: 3236

Ion	Ratio	Lower	Upper
84	100		
49	126.1	107.0	160.6
51	46.9	33.0	49.4
86	50.0	50.6	76.0#

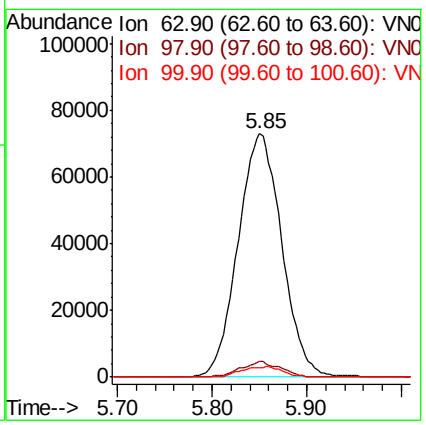


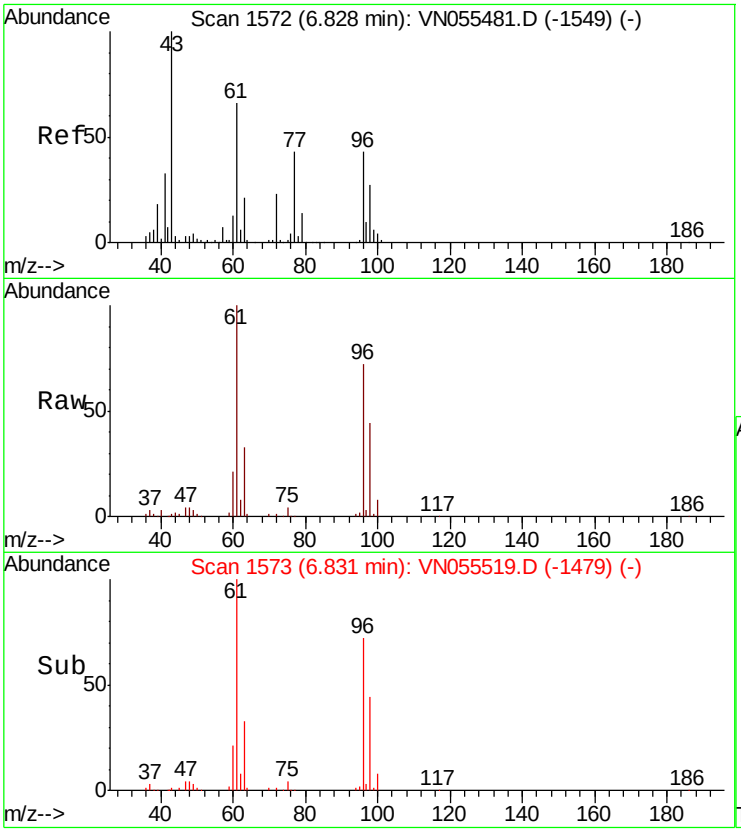


#24
1,1-Dichloroethane
Concen: 10.693 ug/l
RT: 5.85 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

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



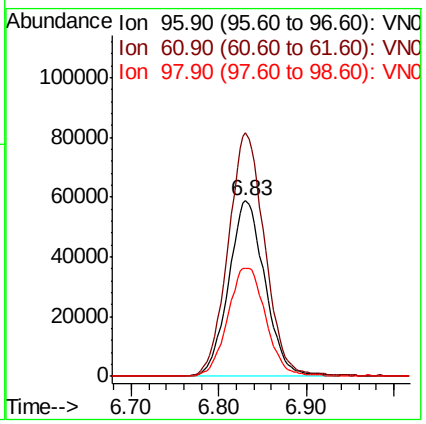


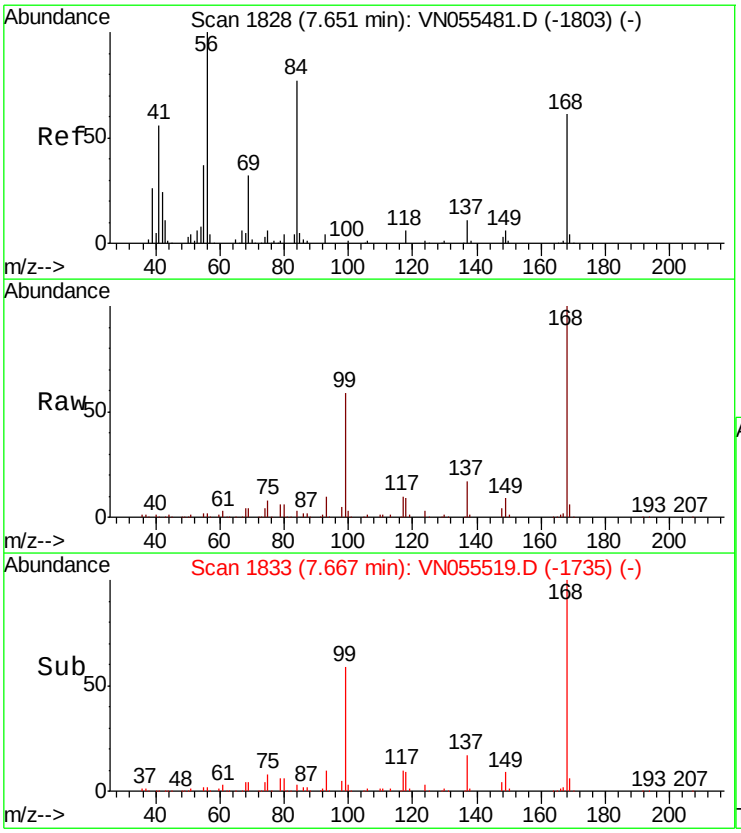
#27
cis-1,2-Dichloroethene
Concen: 13.939 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

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

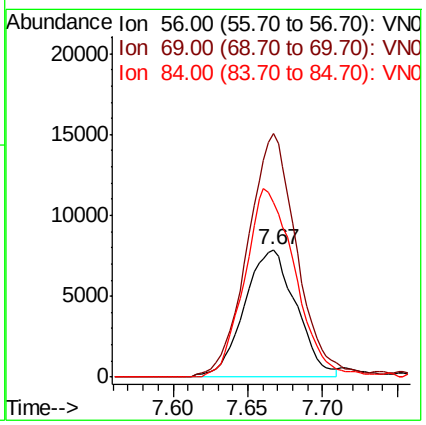


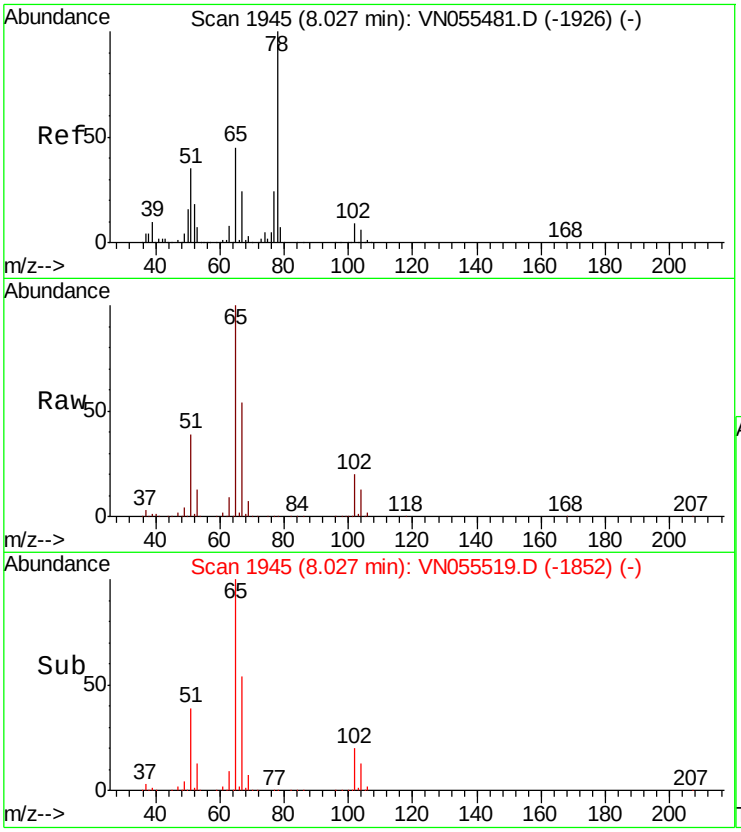


#31
Cyclohexane
Concen: 0.878 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Tgt Ion: 56 Resp: 18969

Ion	Ratio	Lower	Upper
56	100		
69	191.0	26.0	39.0#
84	136.6	61.9	92.9#



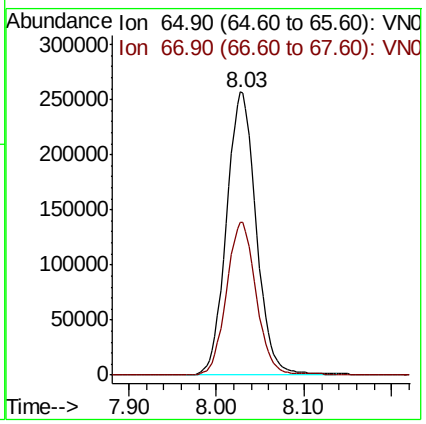


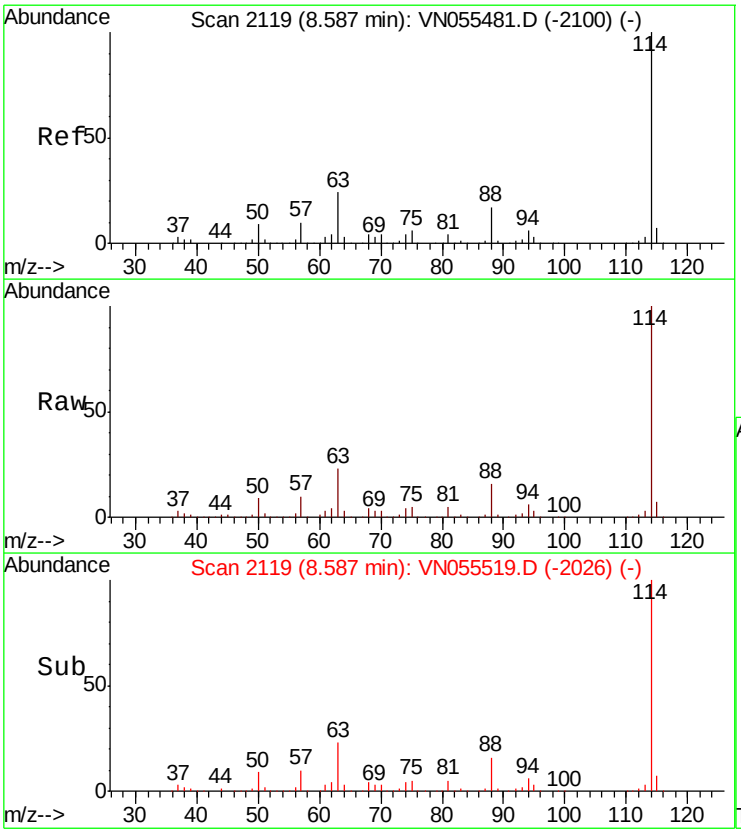
#33
1,2-Dichloroethane-d4
Concen: 45.236 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Instrument :
MSVOA_N
ClientSampleId :
CKMW-02

Tgt Ion: 65 Resp: 605584

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	109.6

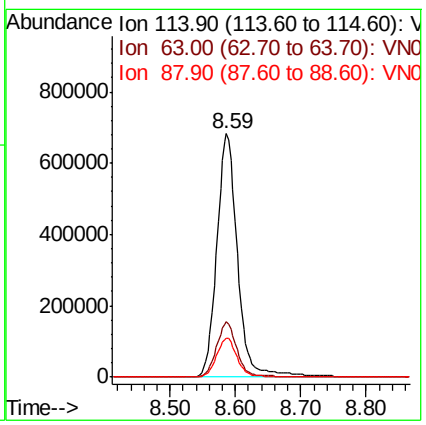


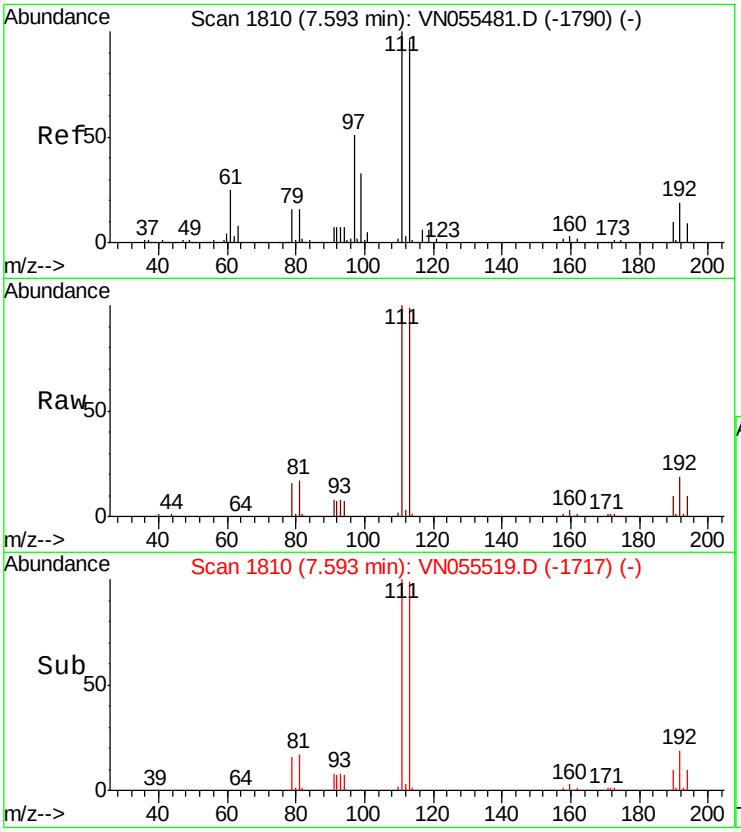


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

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



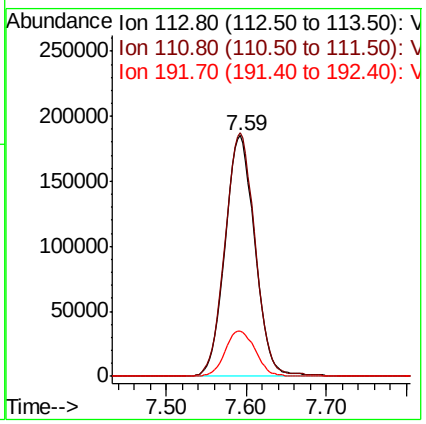


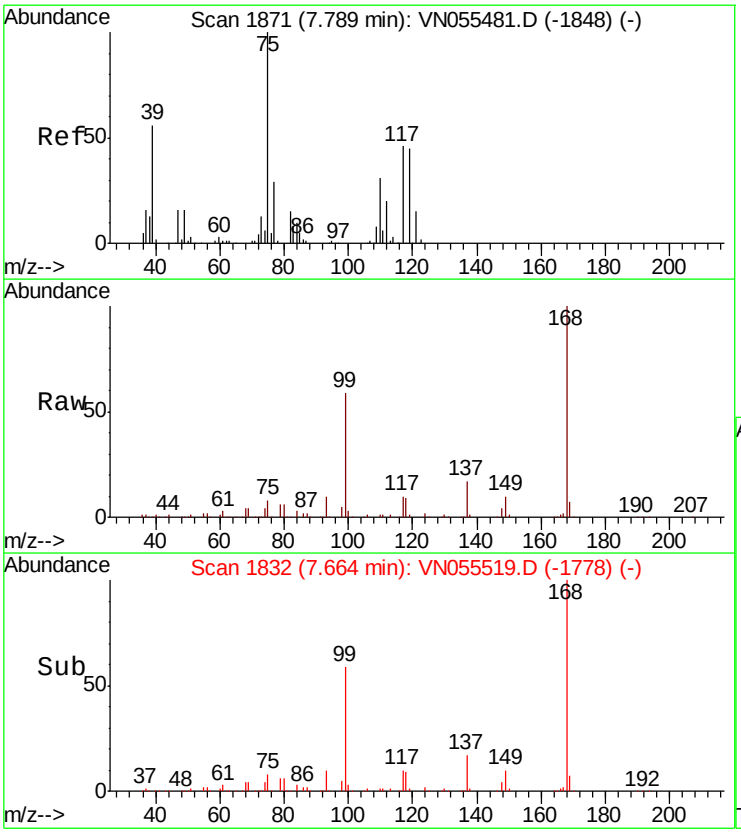
#35
Dibromofluoromethane
Concen: 48.173 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Instrument :
MSVOA_N
ClientSampleId :
CKMW-02

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

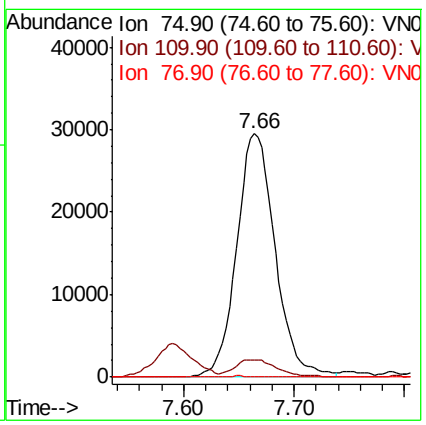


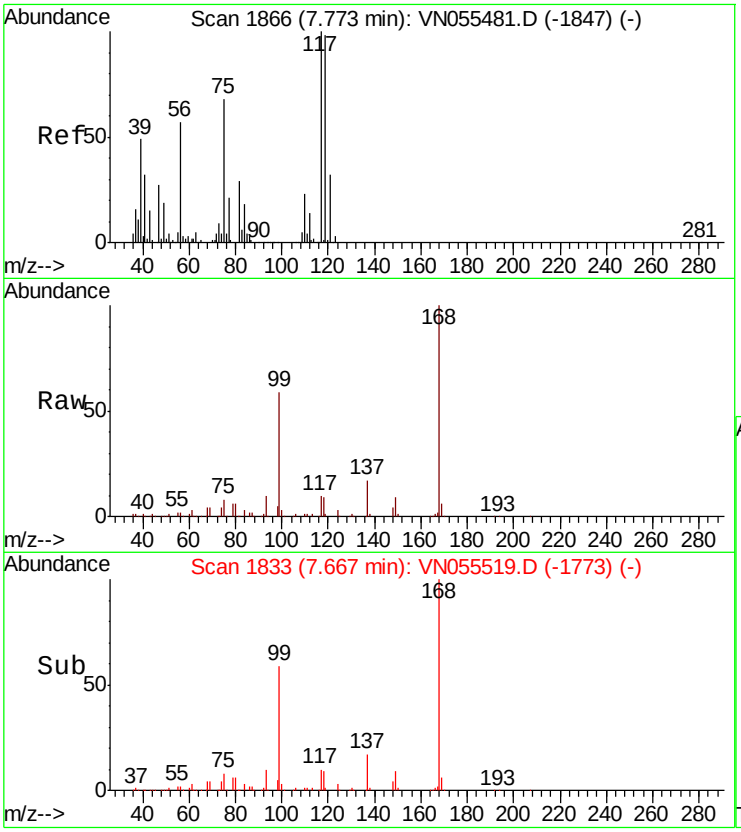


#36
1,1-Dichloropropene
Concen: 4.814 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Tgt Ion: 75 Resp: 71478

Ion	Ratio	Lower	Upper
75	100		
110	7.5	16.1	48.3#
77	0.1	24.6	37.0#



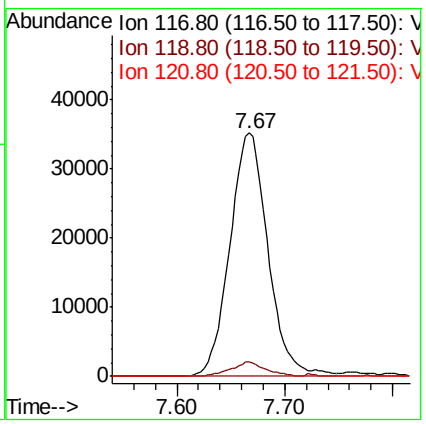


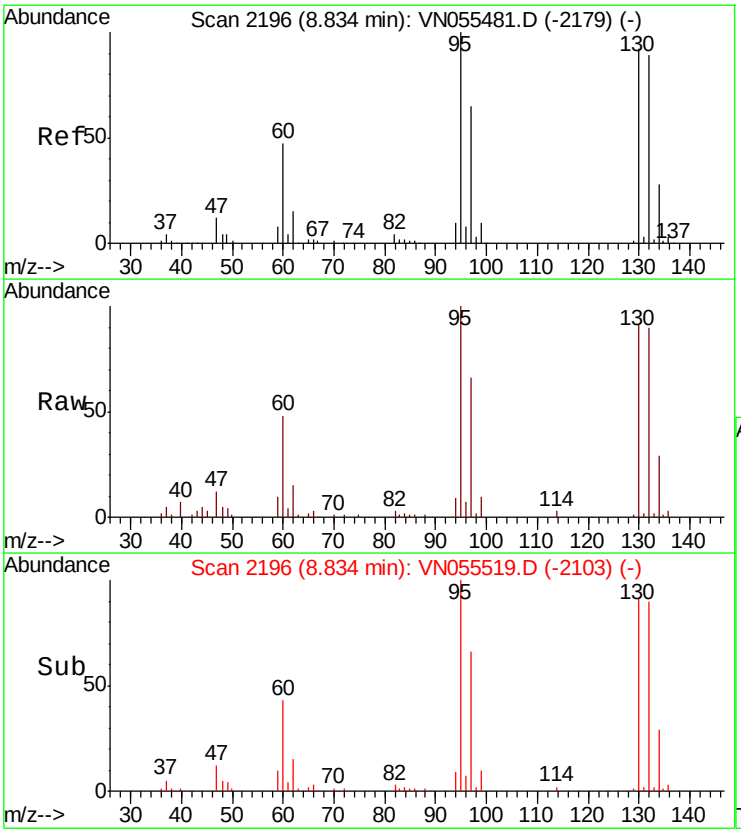
#38
Carbon Tetrachloride
Concen: 6.931 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Instrument :
MSVOA_N
ClientSampleId :
CKMW-02

Tgt Ion:117 Resp: 86668

Ion	Ratio	Lower	Upper
117	100		
119	6.0	77.8	116.6#
121	0.0	25.2	37.8#

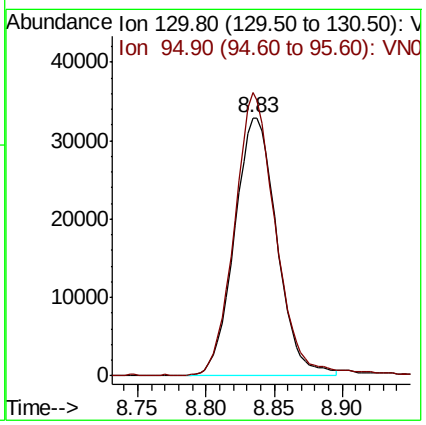


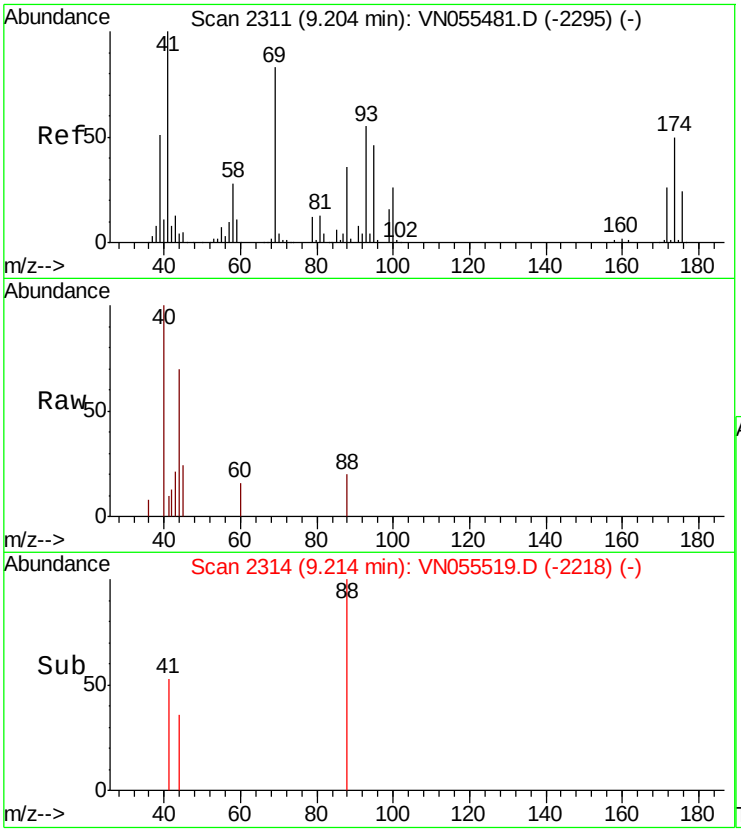


#44
Trichloroethene
Concen: 6.470 ug/l
RT: 8.83 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Tgt Ion:130 Resp: 70948

Ion	Ratio	Lower	Upper
130	100		
95	109.6	0.0	216.8



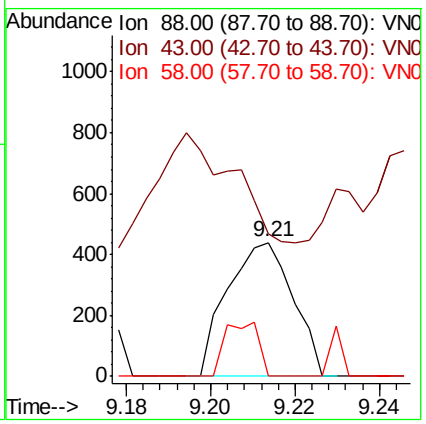


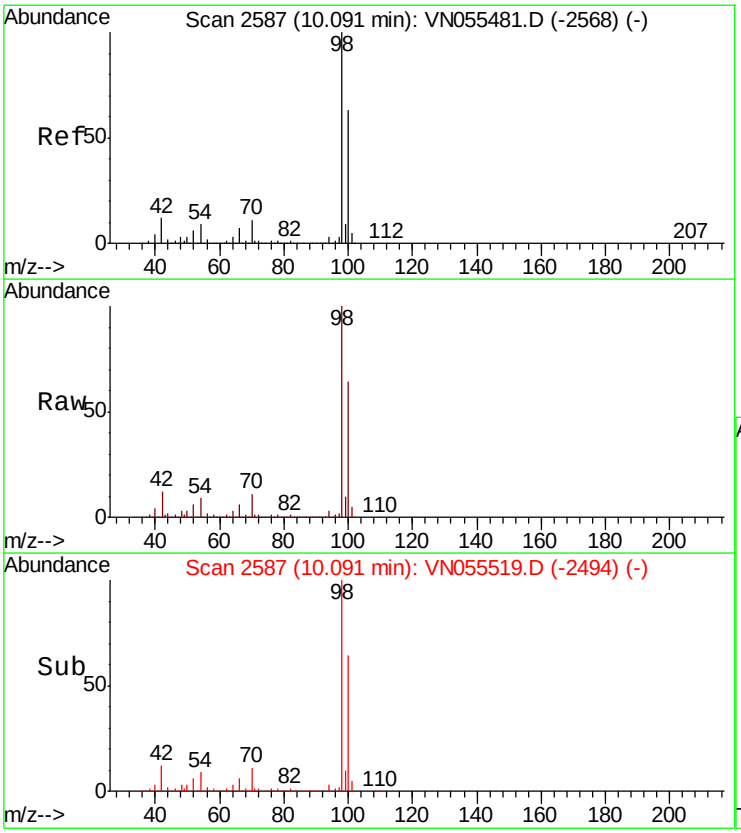
#49
1,4-Dioxane
Concen: 2.051 ug/l
RT: 9.21 min Scan# 2314
Delta R.T. 0.01 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Instrument :
MSVOA_N
ClientSampleId :
CKMW-02

Tgt Ion: 88 Resp: 474

Ion	Ratio	Lower	Upper
88	100		
43	135.4	27.8	41.8#
58	20.5	61.8	92.6#

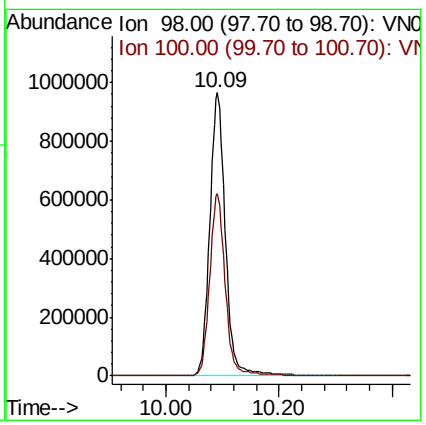


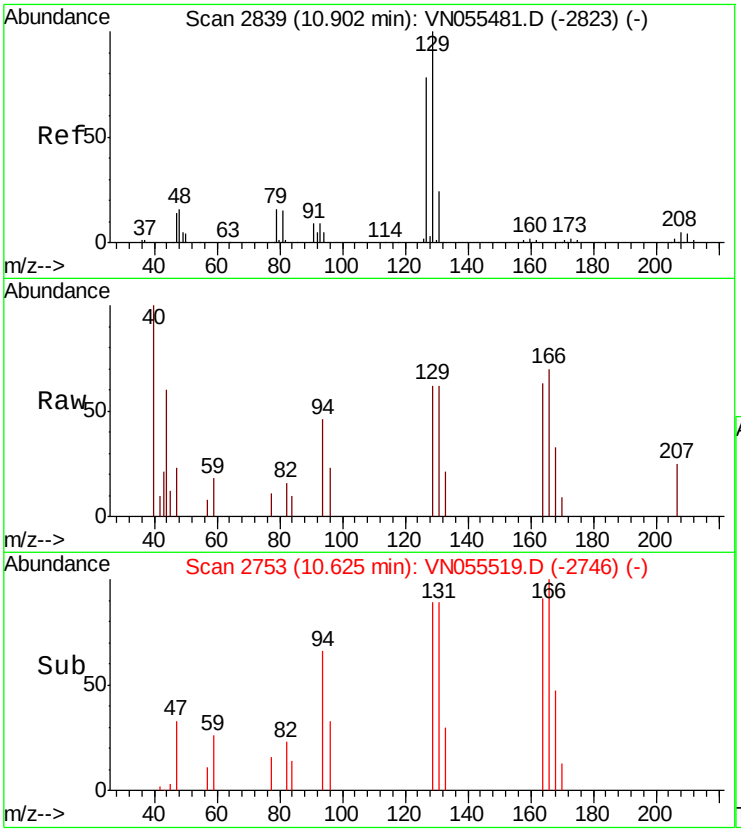


#50
Toluene-d8
Concen: 48.612 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Tgt Ion: 98 Resp: 1841930

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.4	75.6



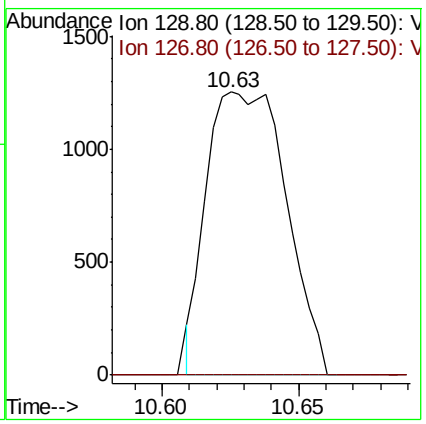


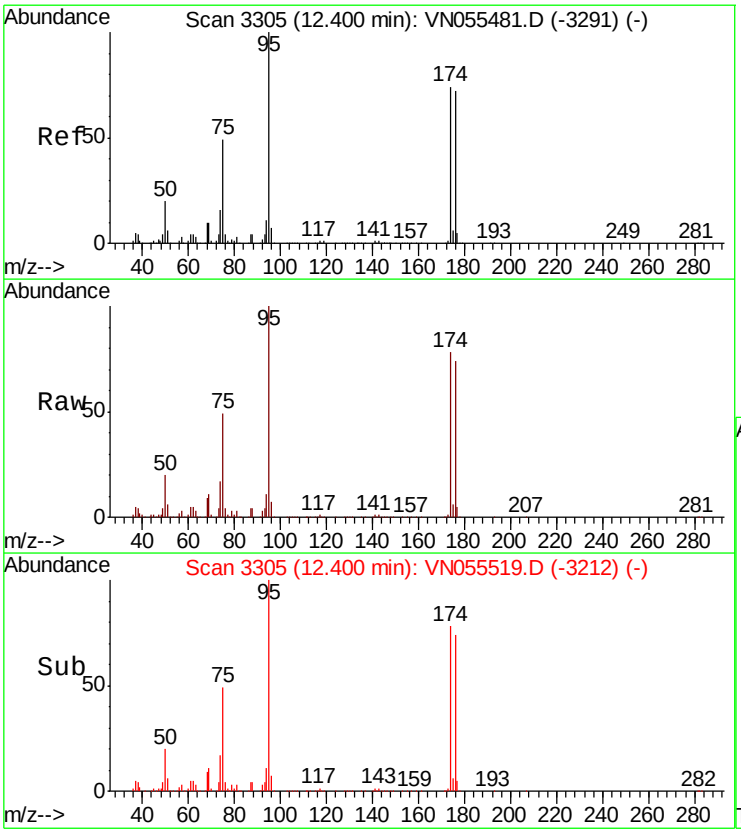
#60
Dibromochloromethane
Concen: 0.262 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.28 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Instrument :
MSVOA_N
ClientSampleId :
CKMW-02

Tgt Ion:129 Resp: 2543

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.6	116.0#

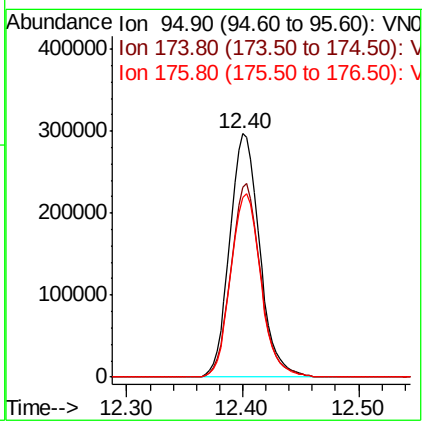


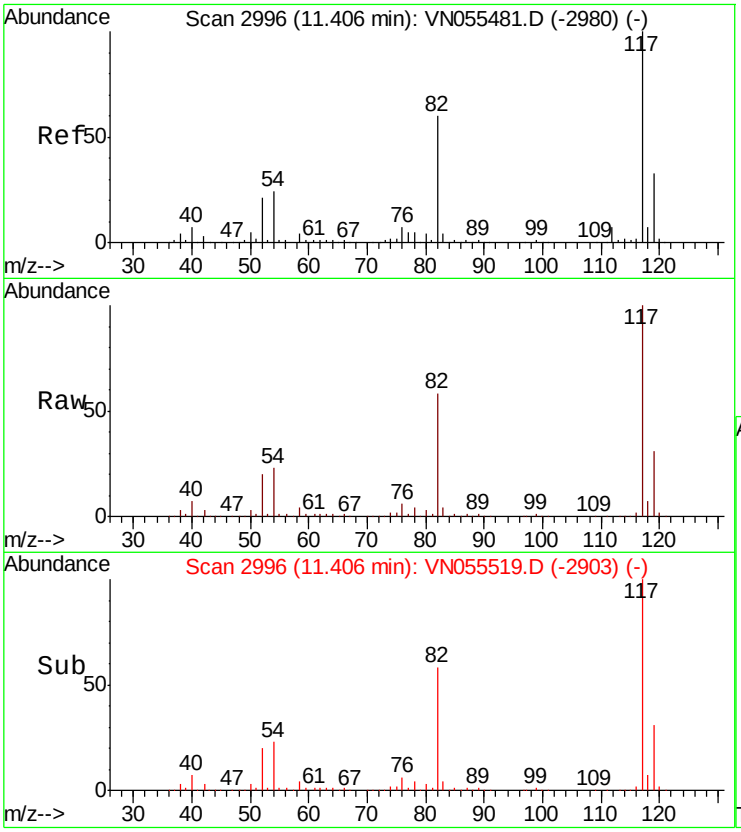


#62
4-Bromofluorobenzene
Concen: 41.586 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

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



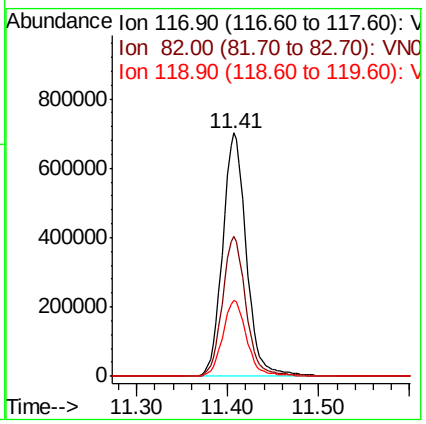


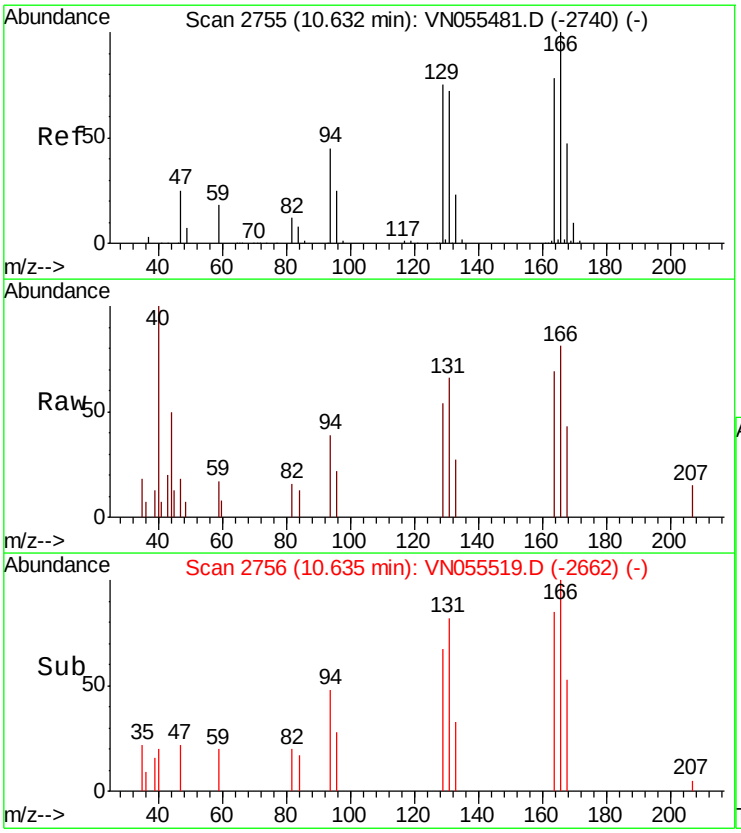
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Instrument :
MSVOA_N
ClientSampleId :
CKMW-02

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

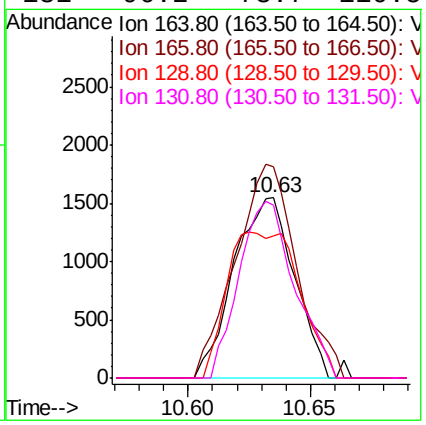


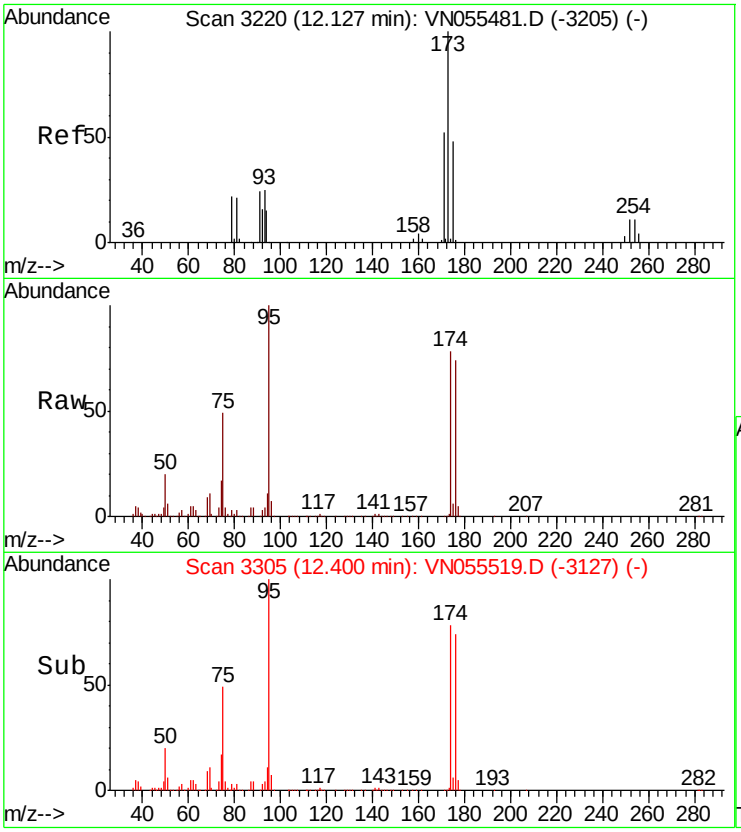


#64
Tetrachloroethene
Concen: 0.256 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

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



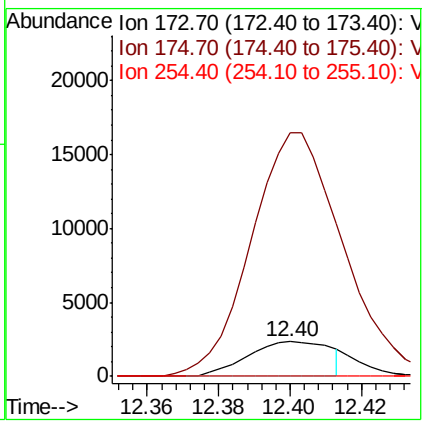


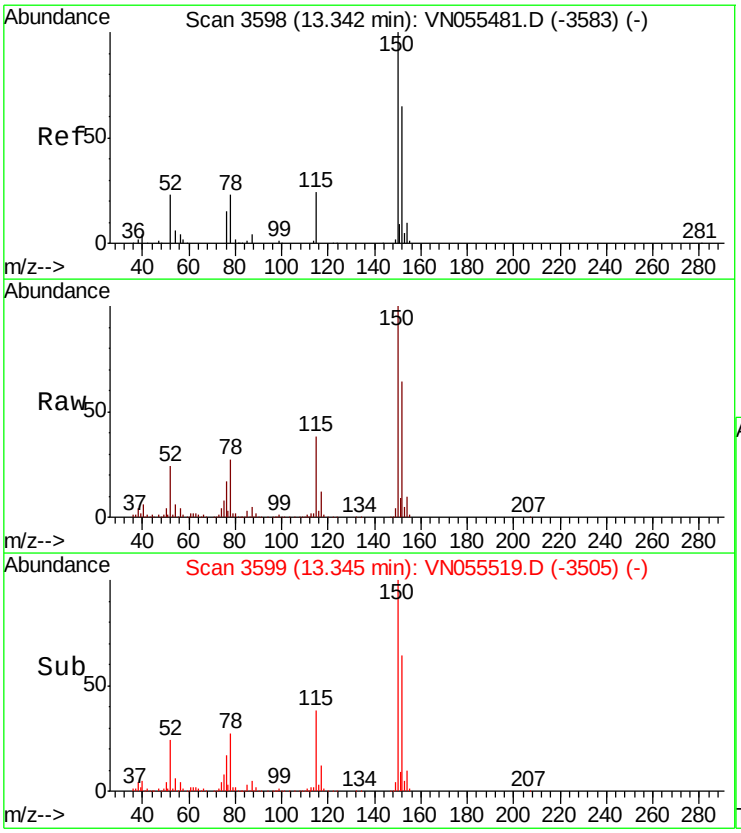
#71
Bromoform
Concen: 0.616 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Instrument :
MSVOA_N
ClientSampleId :
CKMW-02

Tgt Ion:173 Resp: 3740

Ion	Ratio	Lower	Upper
173	100		
175	657.3	24.1	72.4#
254	0.0	0.1	0.1#

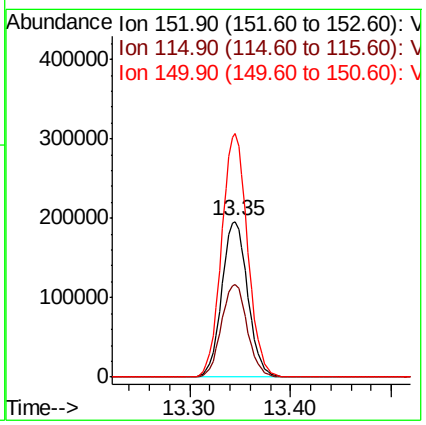


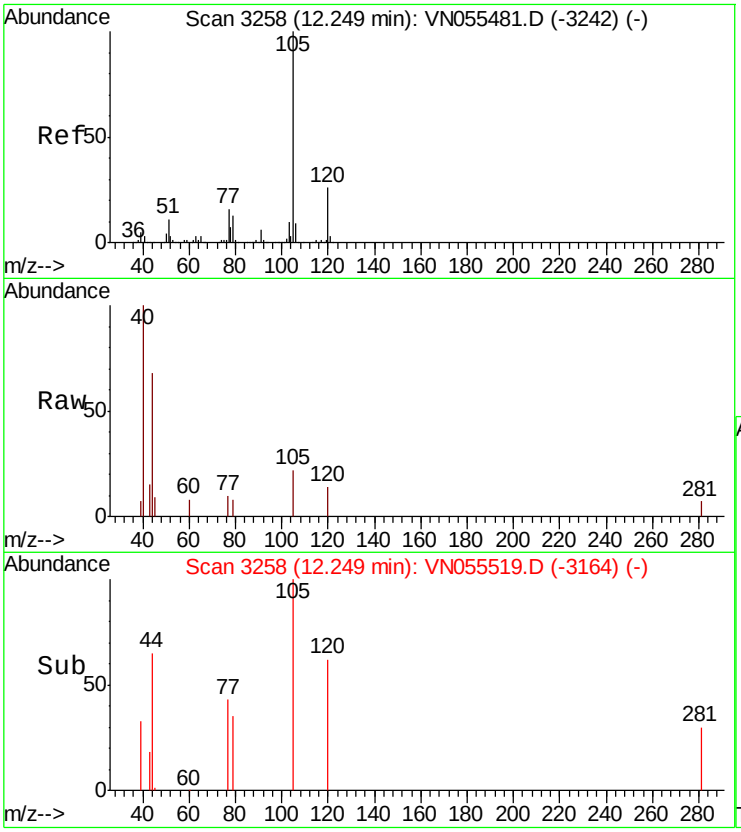


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

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



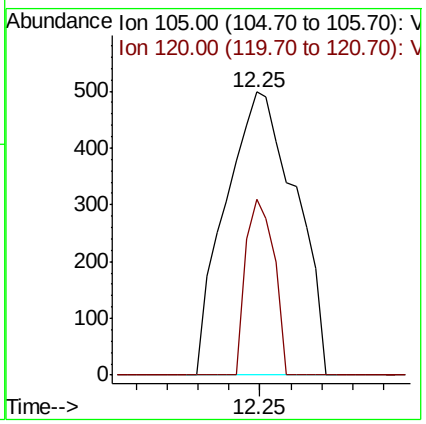


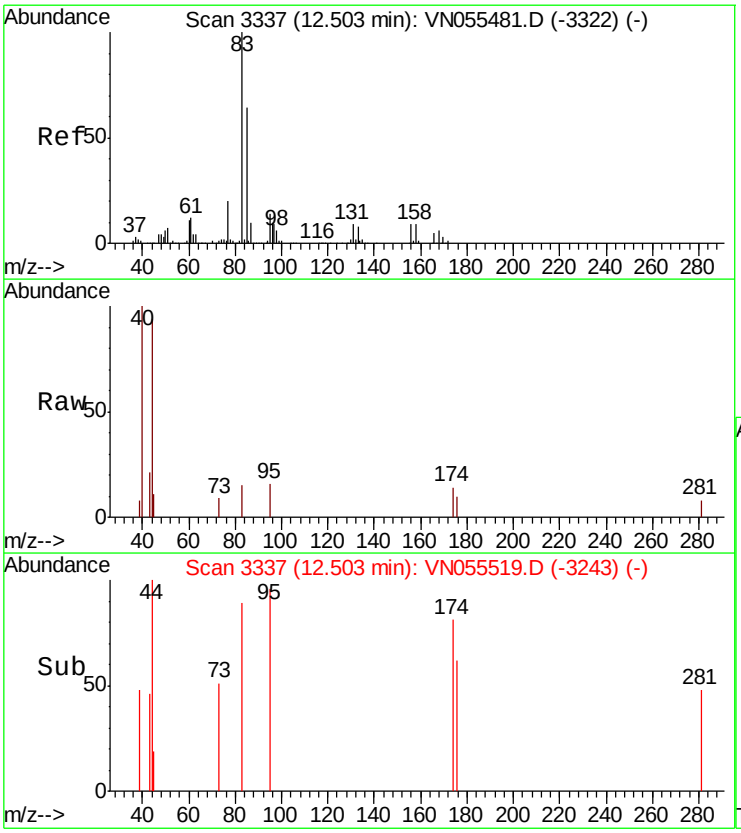
#73
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Instrument :
MSVOA_N
ClientSampleId :
CKMW-02

Tgt Ion:105 Resp: 784

Ion	Ratio	Lower	Upper
105	100		
120	25.1	13.0	39.0

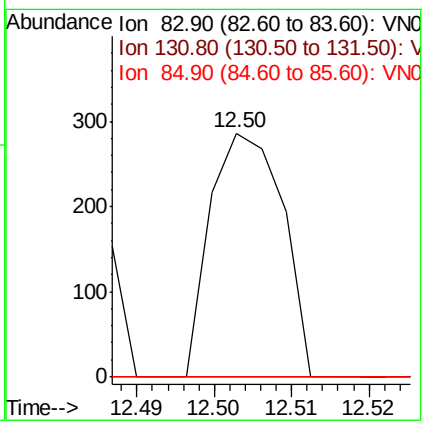


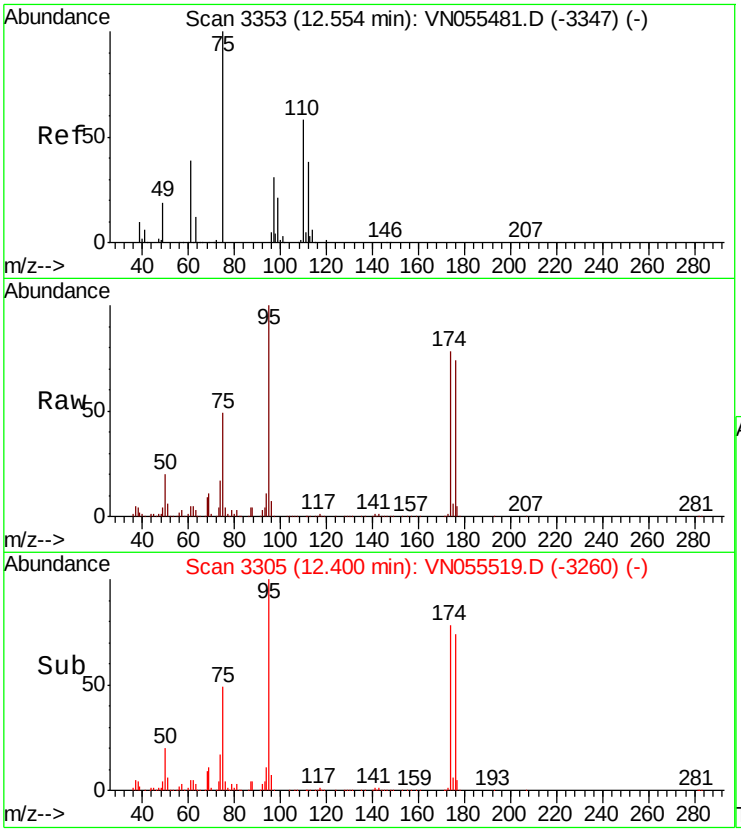


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.50 min Scan# 3337
Delta R.T. 0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Tgt Ion: 83 Resp: 186

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.5	13.5#
85	0.0	32.0	96.0#



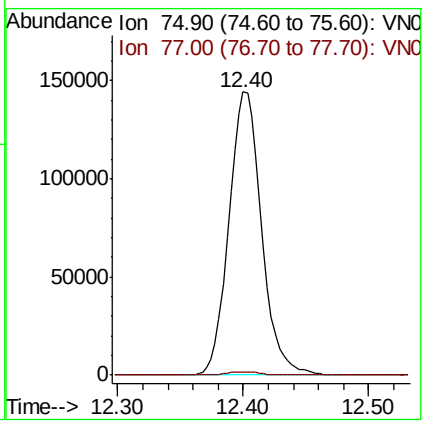


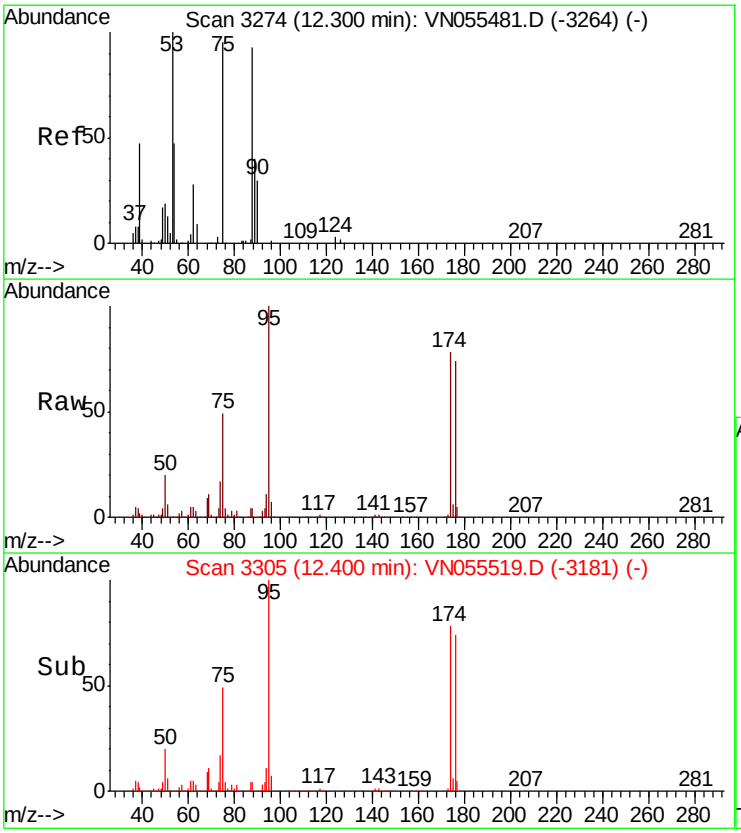
#76
1,2,3-Trichloropropane
Concen: 27.268 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Instrument :
MSVOA_N
ClientSampleId :
CKMW-02

Tgt Ion: 75 Resp: 260354

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

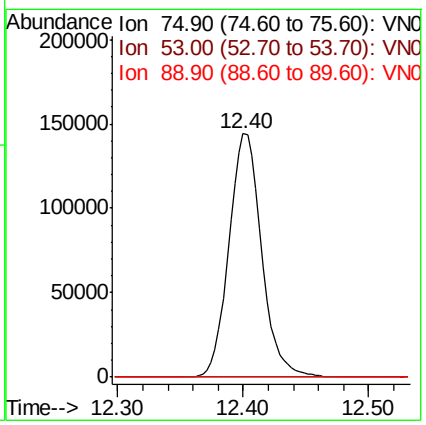


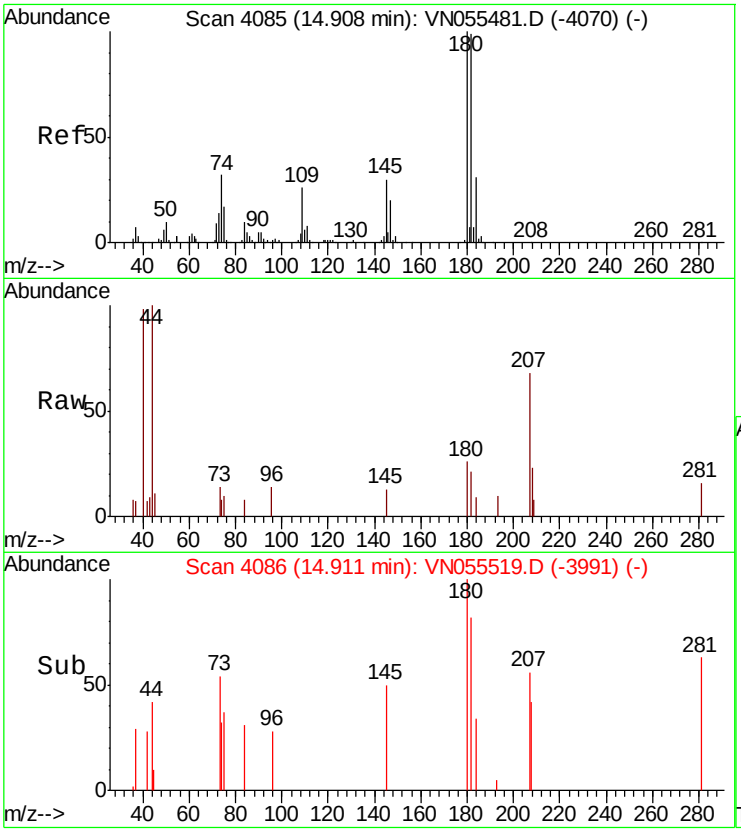


#81
trans-1,4-Dichloro-2-butene
Concen: 100.614 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Tgt Ion: 75 Resp: 260354

Ion	Ratio	Lower	Upper
75	100		
53	0.1	86.5	129.7#
89	0.0	35.7	53.5#



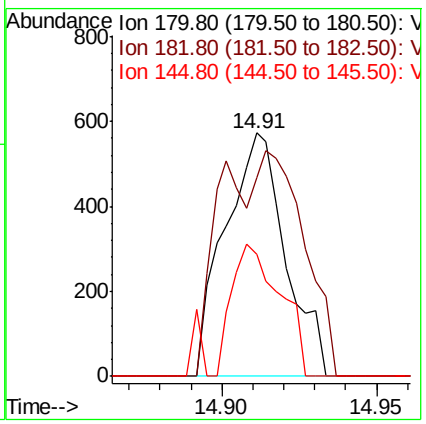


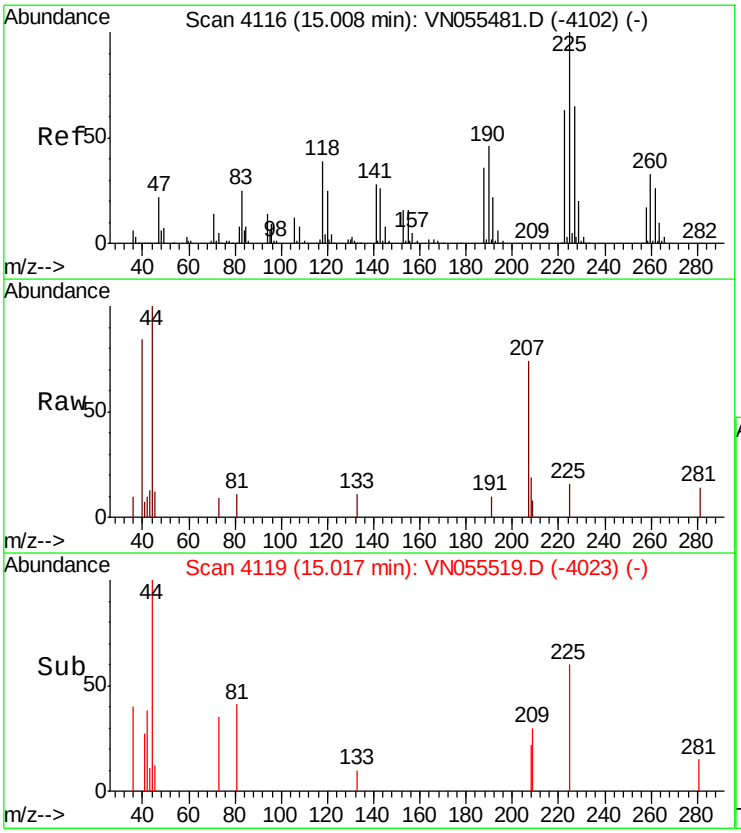
#93
1,2,4-Trichlorobenzene
Concen: 3.346 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Instrument :
MSVOA_N
ClientSampleId :
CKMW-02

Tgt Ion:180 Resp: 780

Ion	Ratio	Lower	Upper
180	100		
182	76.7	48.7	146.1
145	43.8	15.3	45.9

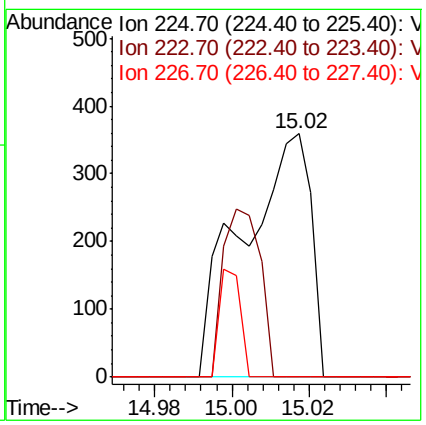


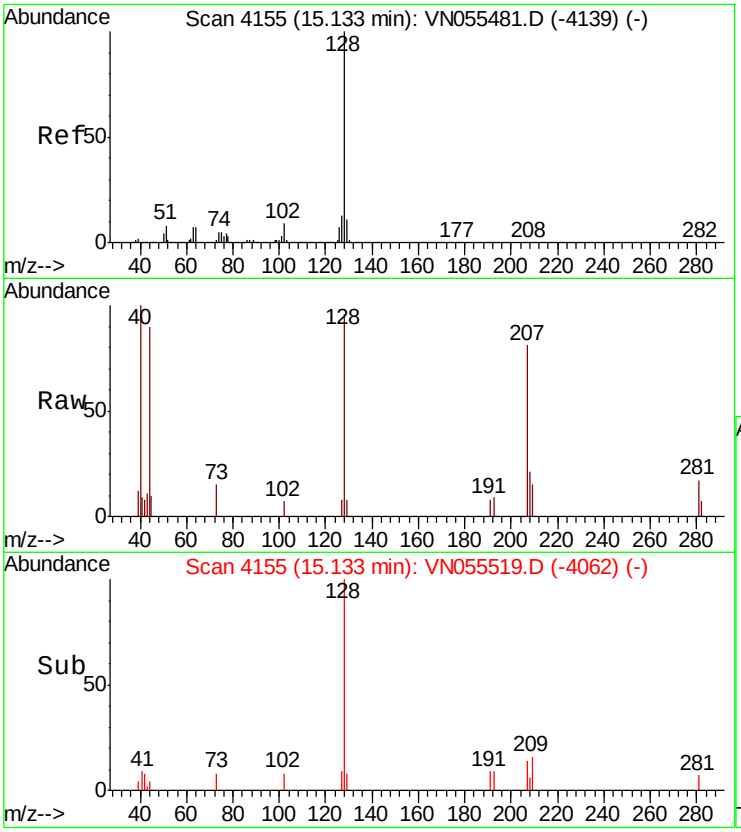


#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.02 min Scan# 4119
Delta R.T. 0.01 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Tgt Ion:225 Resp: 441

Ion	Ratio	Lower	Upper
225	100		
223	37.2	31.4	94.3
227	13.6	32.0	96.0#



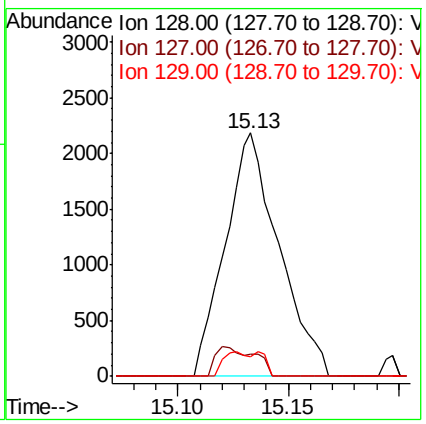


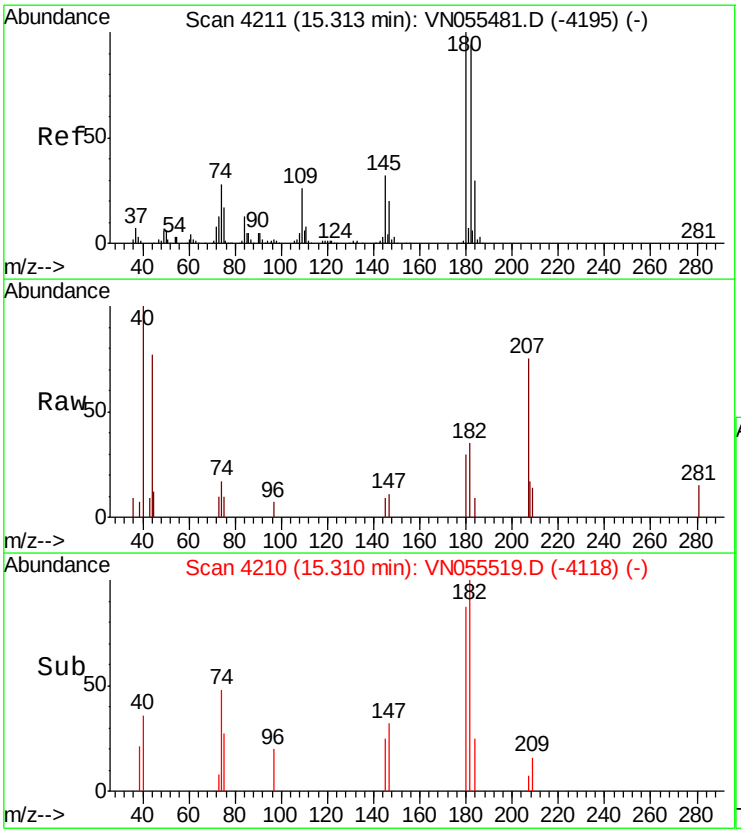
#95
Naphthalene
Concen: 3.174 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

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#





#96
1,2,3-Trichlorobenzene
Concen: 2.603 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Tgt Ion:180 Resp: 1068

Ion	Ratio	Lower	Upper
180	100		
182	138.5	47.1	141.3
145	13.9	15.8	47.4#