Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092418\
Data File : VN051451.D
Acq On : 24 Sep 2018 11:03
Operator : MD\SY
Sample : J4993-04
Misc : 5.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : NS-SLUDGE

Quant Time: Sep 25 01:55:37 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	7.66	168	593116	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	880033	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	731249	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	289108	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	389619	52.44	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.88%				
35) Dibromofluoromethane	7.59	113	342659	48.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.38%				
50) Toluene-d8	10.09	98	1253526	47.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.60%				
62) 4-Bromofluorobenzene	12.40	95	340993	39.78	ug/l		0.00
Spiked Amount 50.000			Recovery = 79.56%				
Target Compounds							Qvalue
10) Methyl Iodide	3.94	142	600	0.339	ug/l	#	76
11) Tert butyl alcohol	4.75	59	310	0.739	ug/l	#	78
13) Acrolein	3.60	56	106	0.255	ug/l		86
16) Acetone	3.82	43	3743	Below Cal		#	86
17) Carbon Disulfide	4.04	76	4836	0.249	ug/l		98
18) Methyl Acetate	4.33	43	19961	3.528	ug/l		97
31) Cyclohexane	7.66	56	11097	0.949	ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	41022	4.025	ug/l	#	50
38) Carbon Tetrachloride	7.66	117	53416	5.011	ug/l	#	17
43) Isopropyl Acetate	8.26	43	31953	3.016	ug/l	#	60
58) 2-Chloroethyl Vinyl ether	9.71	63	79	20.386	ug/l	#	48
59) 2-Hexanone	10.75	43	1098	0.291	ug/l		96
76) 1,2,3-Trichloropropane	12.40	75	171856	35.808	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.40	75	171856	110.107	ug/l	#	12
89) n-Butylbenzene	13.62	91	3587	0.210	ug/l		95
93) 1,2,4-Trichlorobenzene	14.90	180	3163	6.480	ug/l		86
94) Hexachlorobutadiene	15.01	225	2133	0.544	ug/l		95
95) Naphthalene	15.13	128	6338	8.539	ug/l	#	93
96) 1,2,3-Trichlorobenzene	15.31	180	3323	0.668	ug/l		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092418\
Data File : VN051451.D
Acq On : 24 Sep 2018 11:03
Operator : MD\SY
Sample : J4993-04
Misc : 5.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NS-SLUDGE

Quant Time: Sep 25 01:55:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
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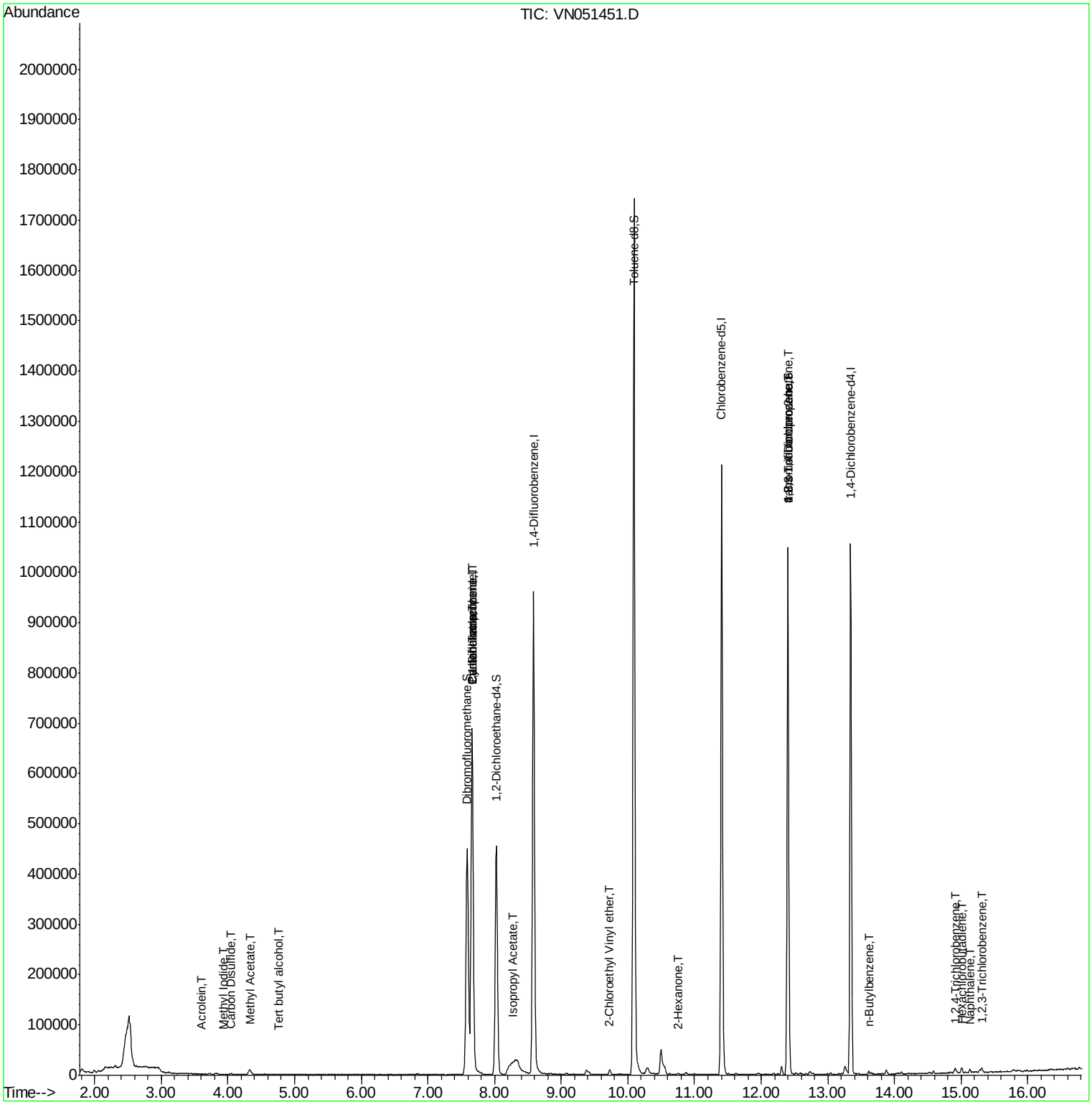
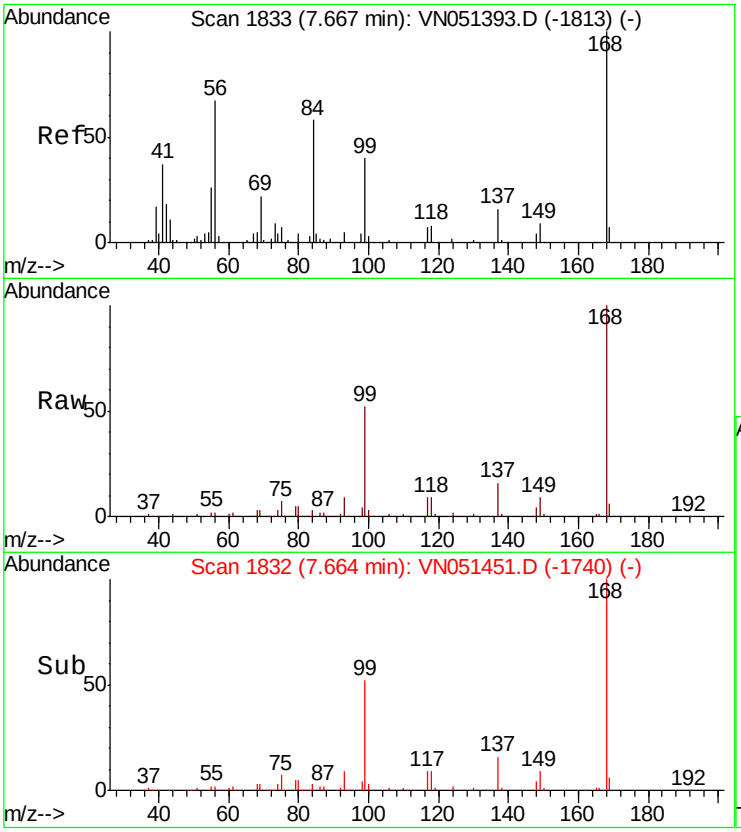


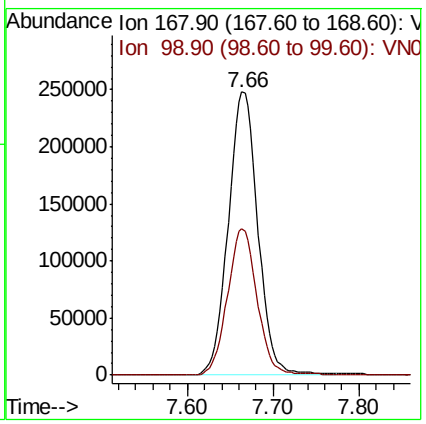


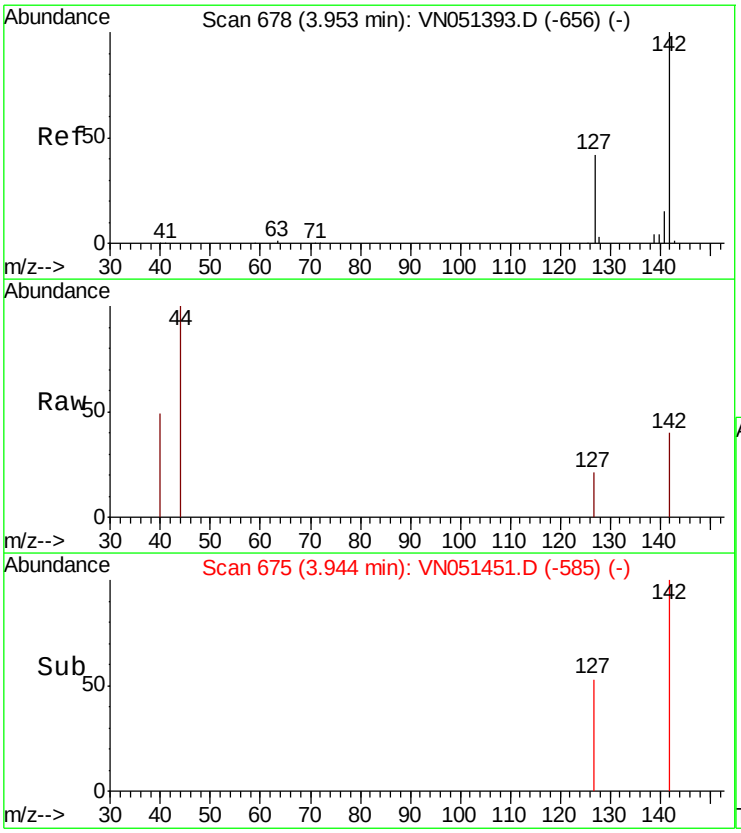
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VN051451.D
Acq: 24 Sep 2018 11:03

Instrument :
MSVOA_N
ClientSampleId :
NS-SLUDGE

Tgt Ion:168 Resp: 593116

Ion	Ratio	Lower	Upper
168	100		
99	51.8	40.2	60.2

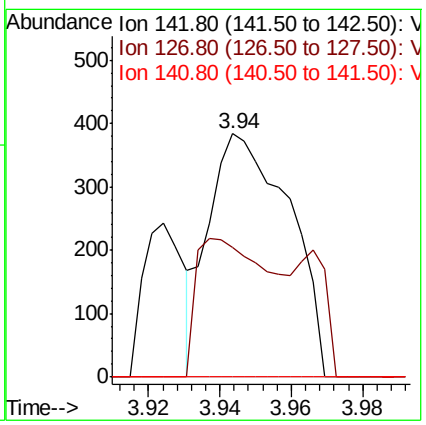


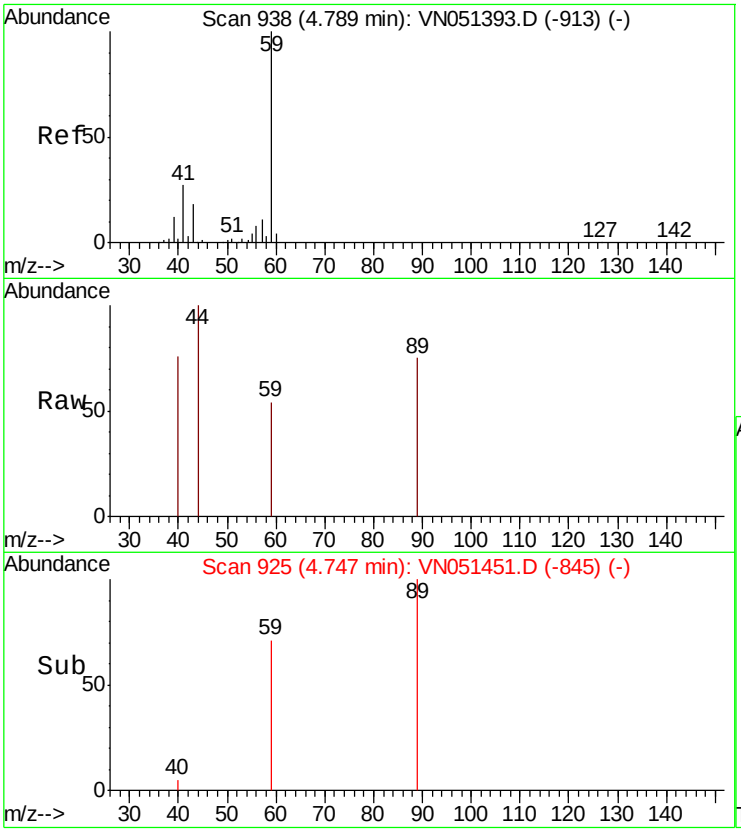


#10
Methyl Iodide
Concen: 0.339 ug/l
RT: 3.94 min Scan# 675
Delta R.T. -0.01 min
Lab File: VN051451.D
Acq: 24 Sep 2018 11:03

Tgt Ion:142 Resp: 600

Ion	Ratio	Lower	Upper
142	100		
127	54.5	33.2	49.8#
141	0.0	11.5	17.3#



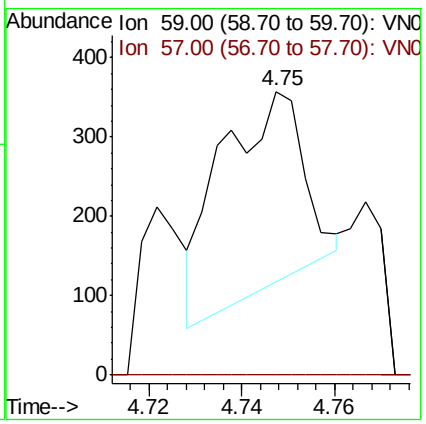


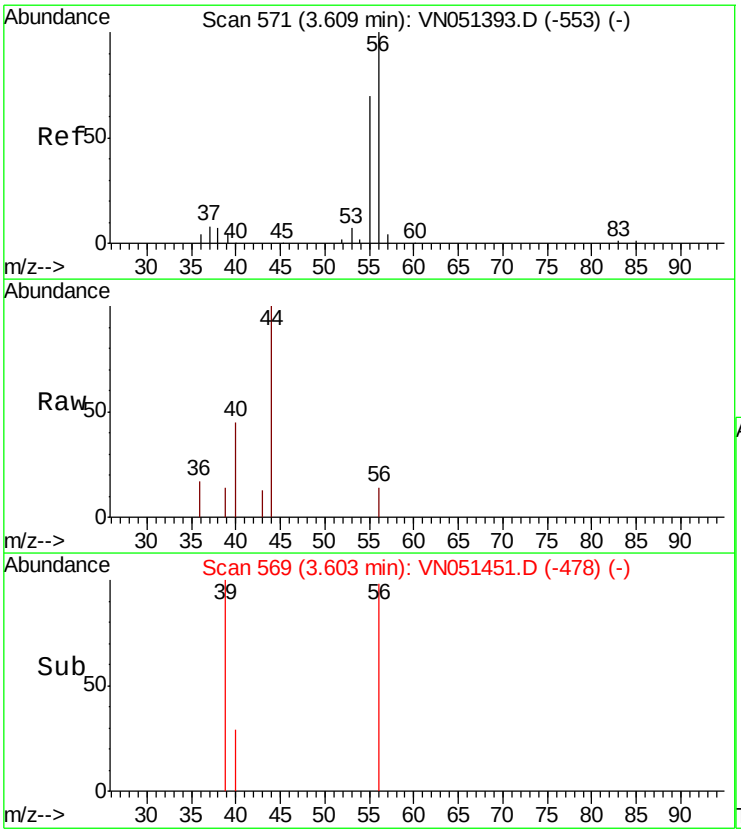
#11
Tert butyl alcohol
Concen: 0.739 ug/l
RT: 4.75 min Scan# 925
Delta R.T. -0.04 min
Lab File: VN051451.D
Acq: 24 Sep 2018 11:03

Instrument : MSVOA_N
ClientSampleId : NS-SLUDGE

Tgt Ion: 59 Resp: 310

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.2	9.2#

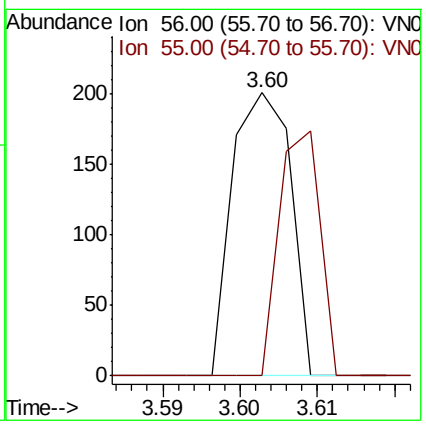


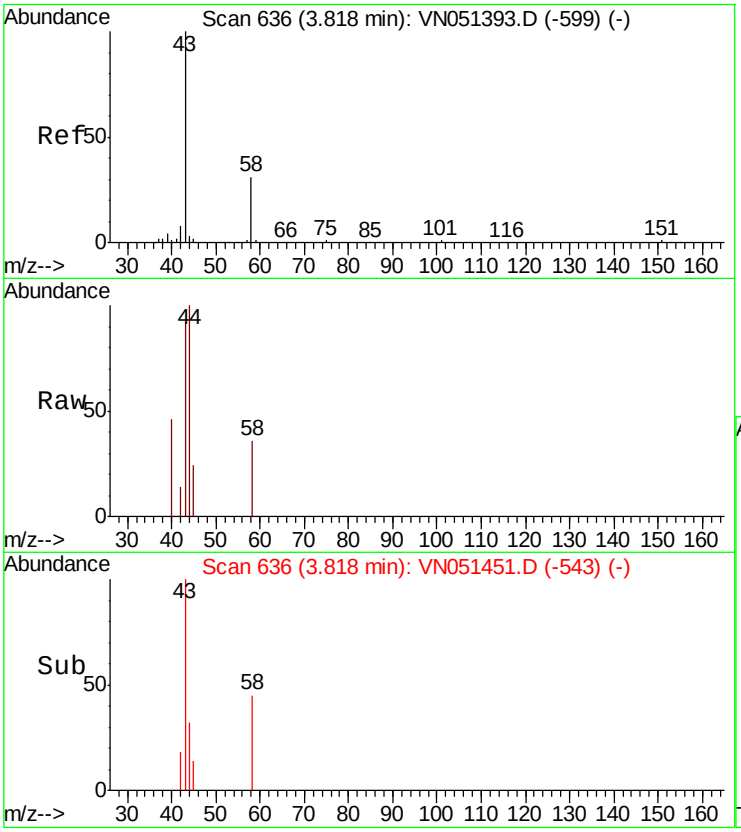


#13
Acrolein
Concen: 0.255 ug/l
RT: 3.60 min Scan# 569
Delta R.T. -0.01 min
Lab File: VN051451.D
Acq: 24 Sep 2018 11:03

Tgt Ion: 56 Resp: 106

Ion	Ratio	Lower	Upper
56	100		
55	60.4	57.8	86.8



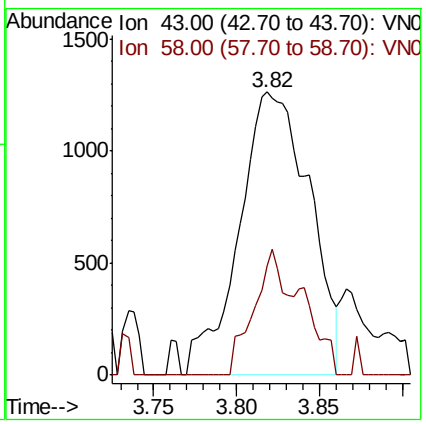


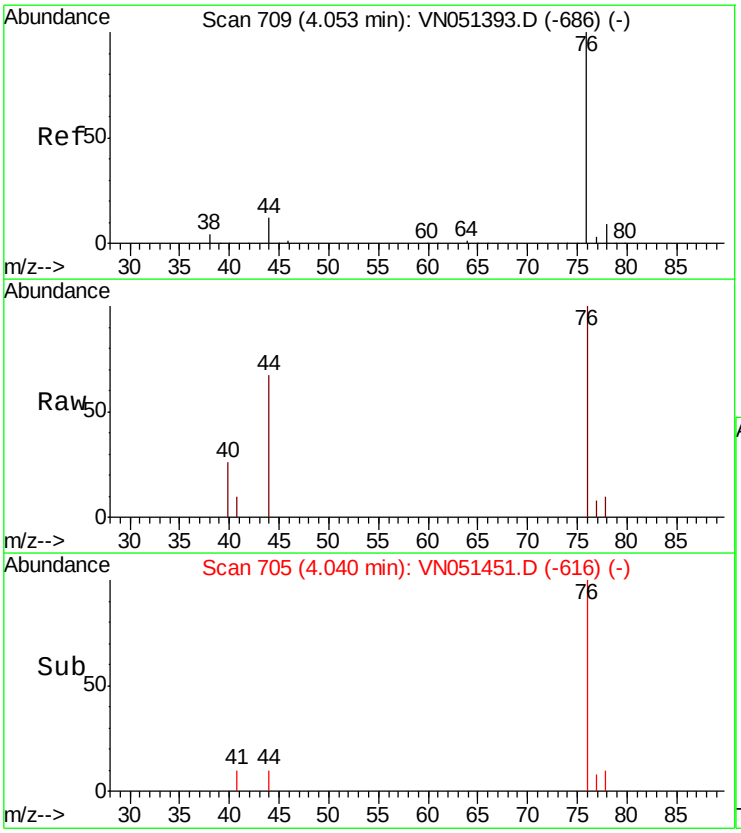
#16
Acetone
Concen: Below Cal
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN051451.D
Acq: 24 Sep 2018 11:03

Instrument :
MSVOA_N
ClientSampleId :
NS-SLUDGE

Tgt Ion: 43 Resp: 3743

Ion	Ratio	Lower	Upper
43	100		
58	38.8	25.0	37.4#

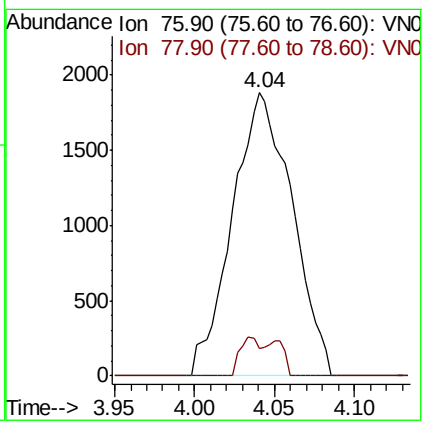


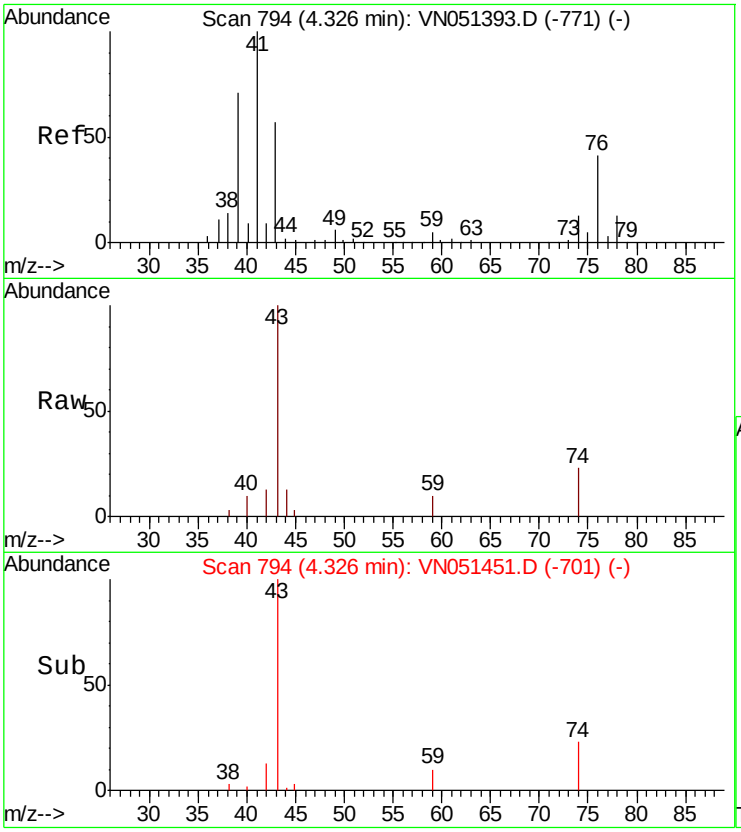


#17
Carbon Disulfide
Concen: 0.249 ug/l
RT: 4.04 min Scan# 705
Delta R.T. -0.01 min
Lab File: VN051451.D
Acq: 24 Sep 2018 11:03

Tgt Ion: 76 Resp: 4836

Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.3	10.9



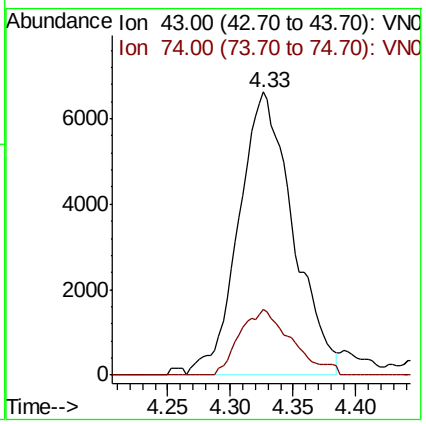


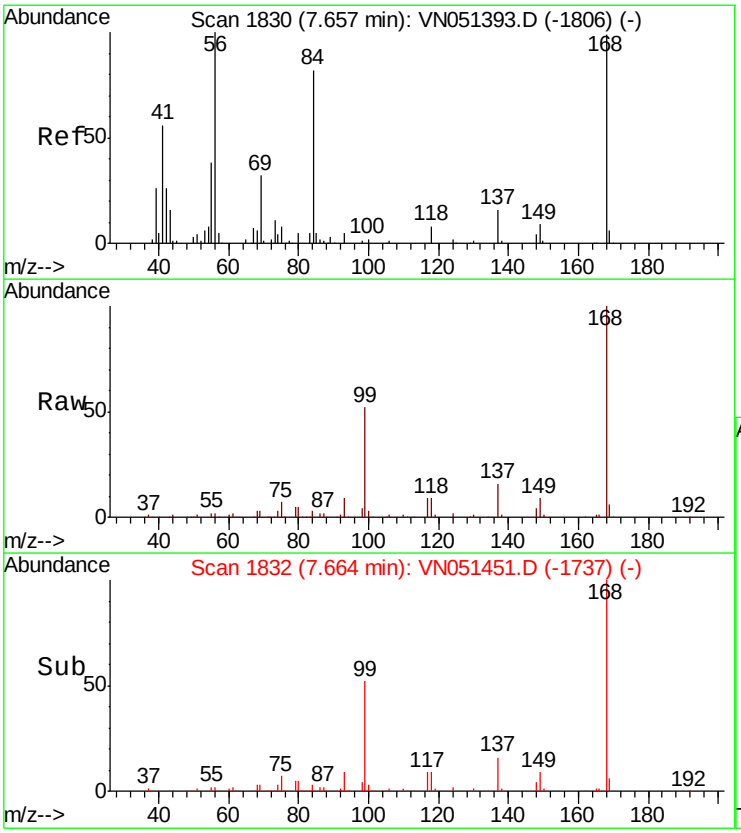
#18
Methyl Acetate
Concen: 3.528 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN051451.D
Acq: 24 Sep 2018 11:03

Instrument : MSVOA_N
ClientSampleId : NS-SLUDGE

Tgt Ion: 43 Resp: 19961

Ion	Ratio	Lower	Upper
43	100		
74	22.2	18.8	28.2

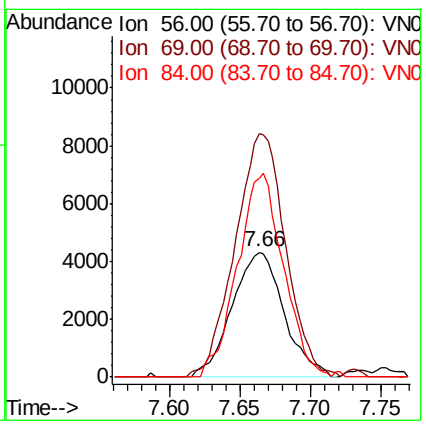


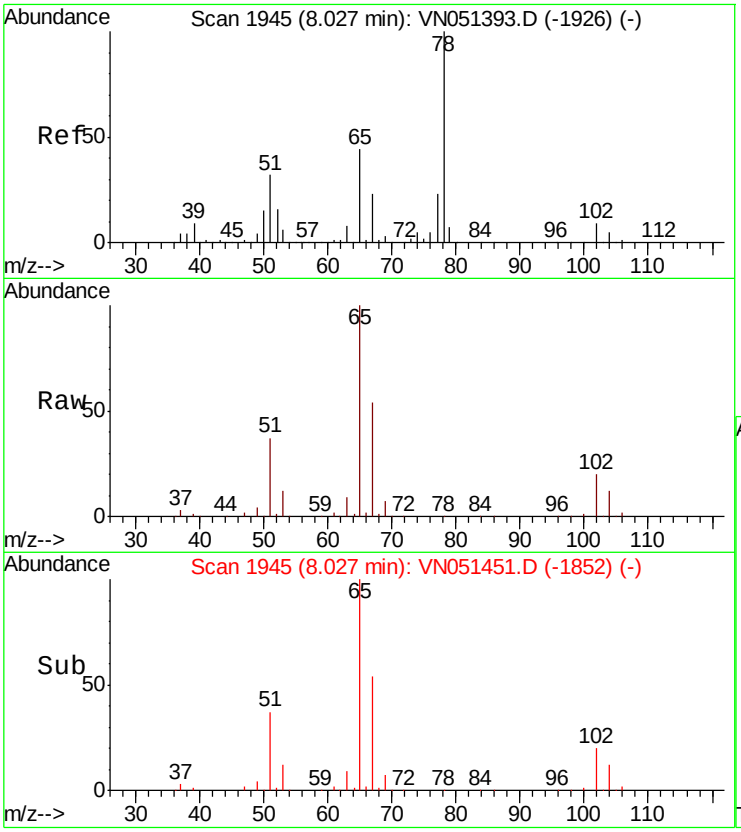


#31
Cyclohexane
Concen: 0.949 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN051451.D
Acq: 24 Sep 2018 11:03

Tgt Ion: 56 Resp: 11097

Ion	Ratio	Lower	Upper
56	100		
69	194.9	25.8	38.6#
84	159.3	66.0	99.0#



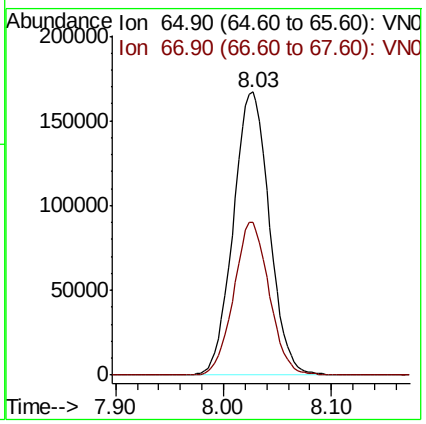


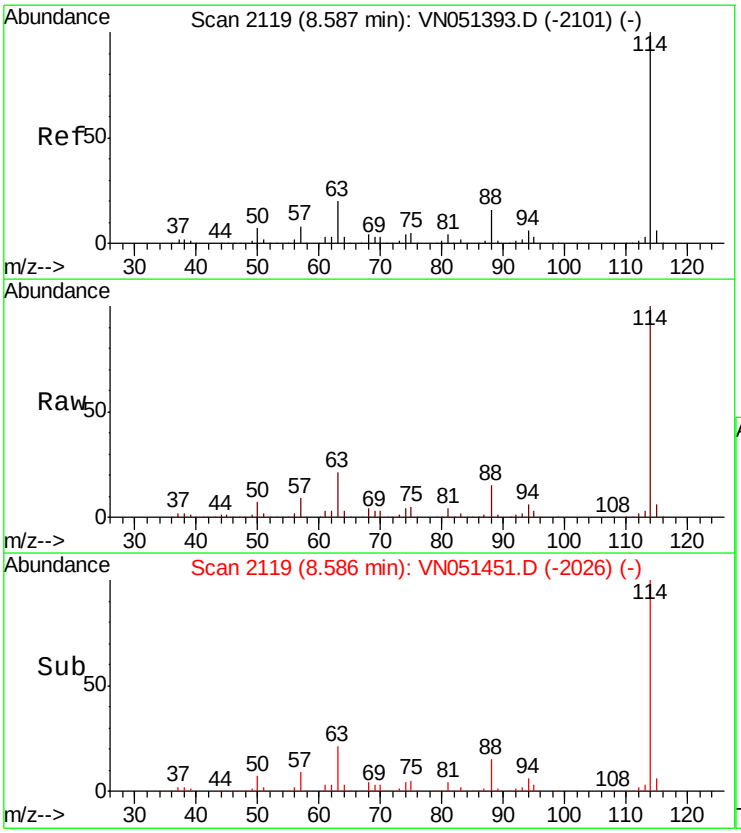
#33
1,2-Dichloroethane-d4
Concen: 52.440 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN051451.D
Acq: 24 Sep 2018 11:03

Instrument :
MSVOA_N
ClientSampleId :
NS-SLUDGE

Tgt Ion: 65 Resp: 389619

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.8

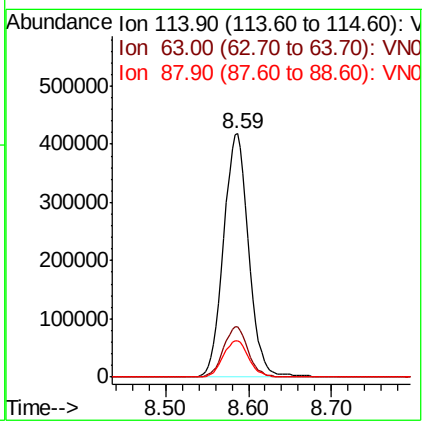


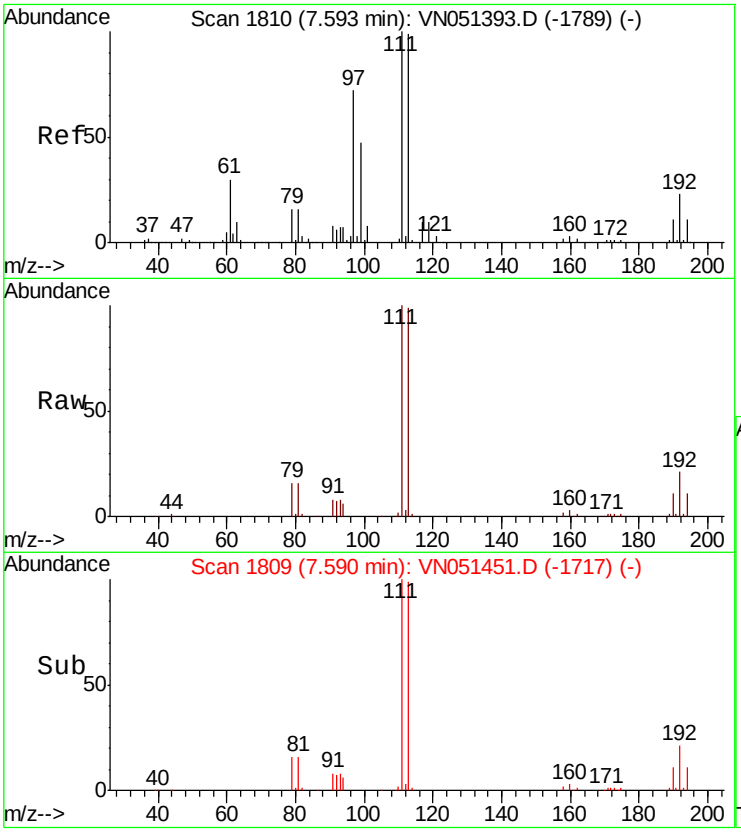


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN051451.D
Acq: 24 Sep 2018 11:03

Tgt Ion:114 Resp: 880033

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.2
88	15.1	0.0	31.4



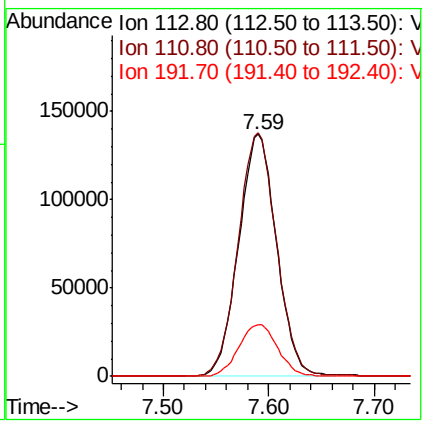


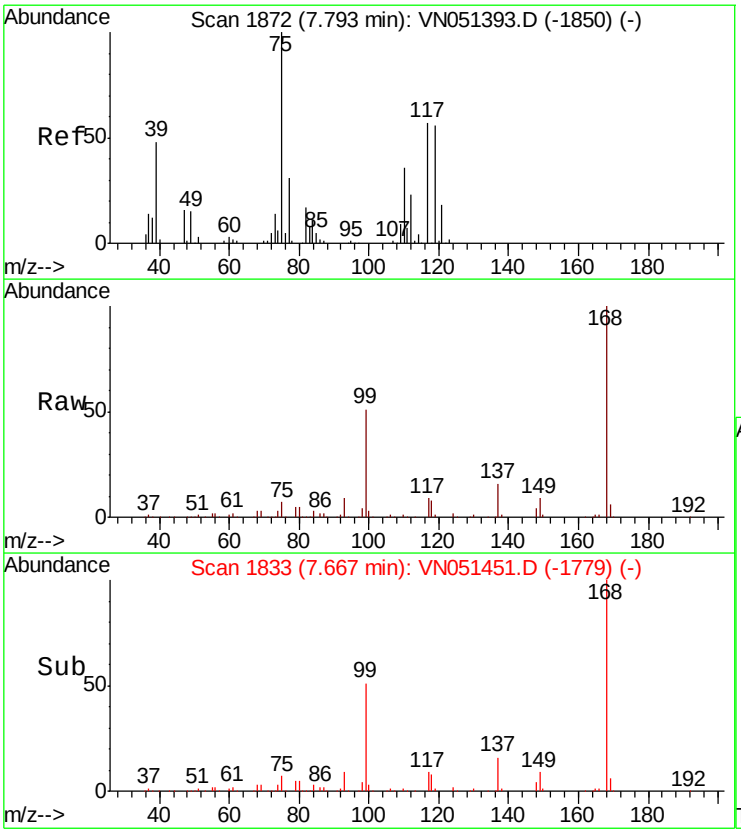
#35
Dibromofluoromethane
Concen: 48.692 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN051451.D
Acq: 24 Sep 2018 11:03

Instrument :
MSVOA_N
ClientSampleId :
NS-SLUDGE

Tgt Ion:113 Resp: 342659

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	123.8
192	22.0	18.0	27.0

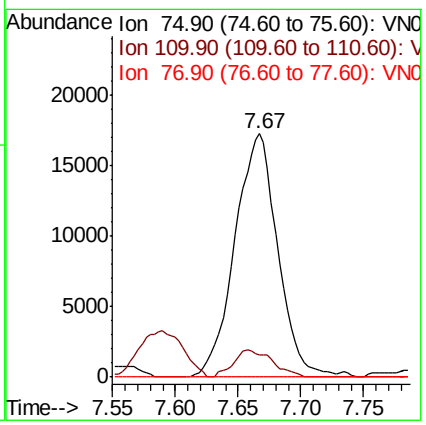


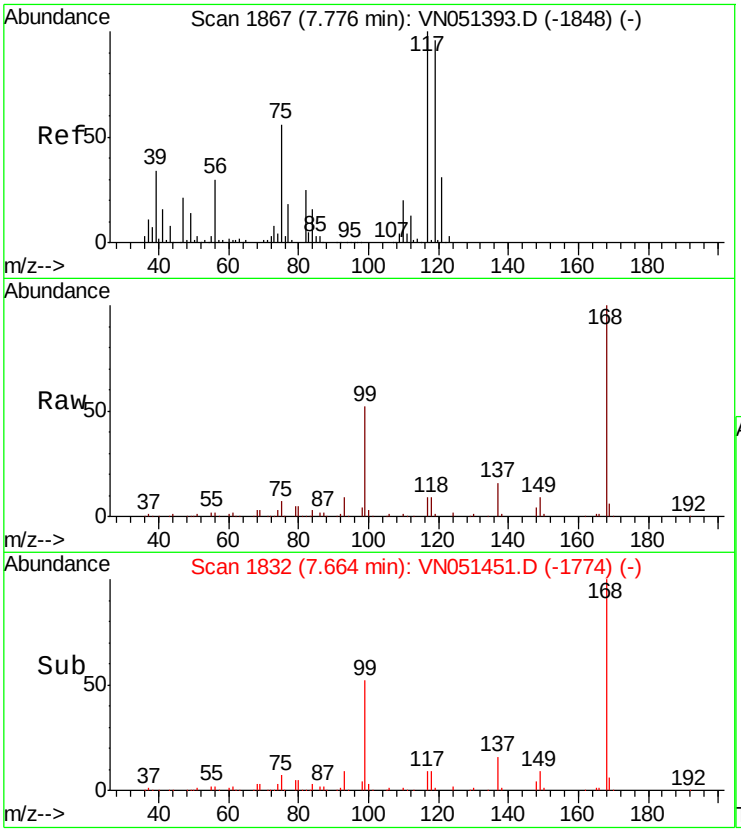


#36
1,1-Dichloropropene
Concen: 4.025 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN051451.D
Acq: 24 Sep 2018 11:03

Tgt Ion: 75 Resp: 41022

Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.1	54.3#
77	0.0	25.6	38.4#



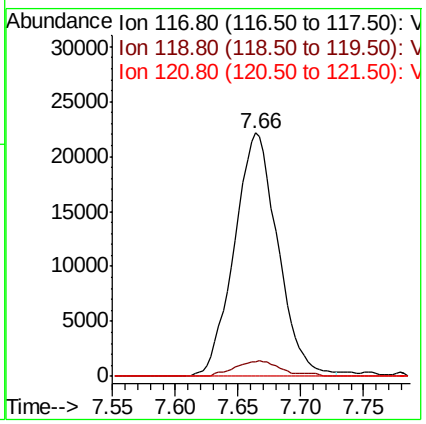


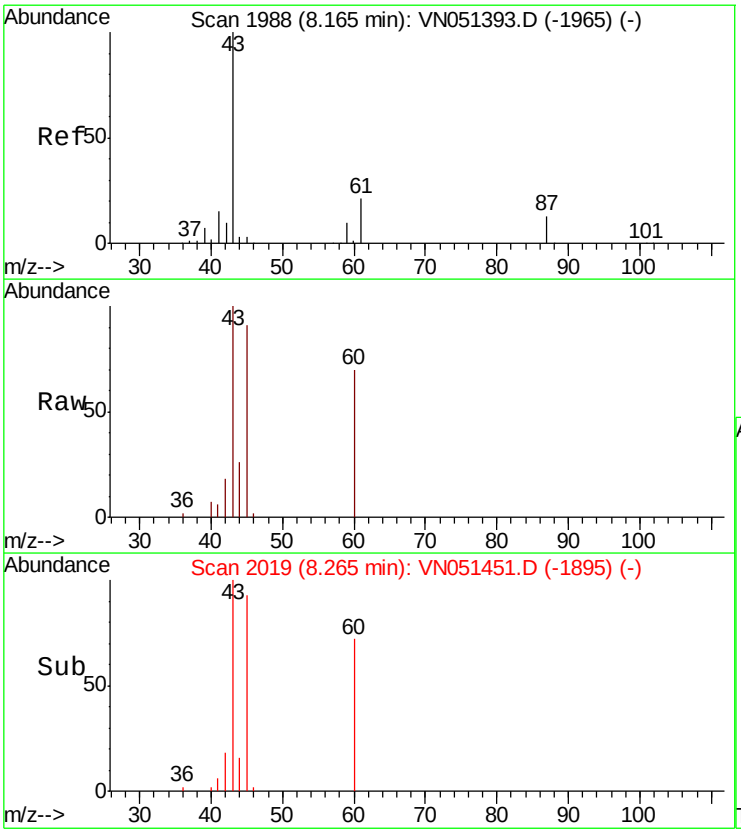
#38
Carbon Tetrachloride
Concen: 5.011 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN051451.D
Acq: 24 Sep 2018 11:03

Instrument :
MSVOA_N
ClientSampleId :
NS-SLUDGE

Tgt Ion:117 Resp: 53416

Ion	Ratio	Lower	Upper
117	100		
119	6.1	76.9	115.3#
121	0.0	24.6	37.0#

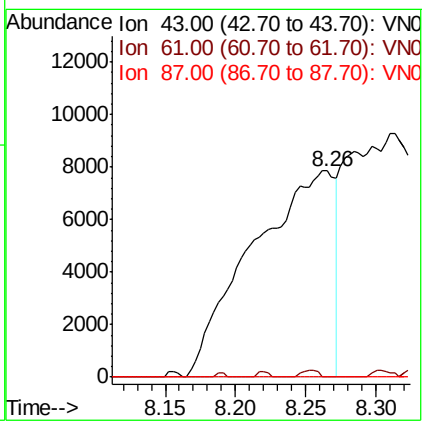


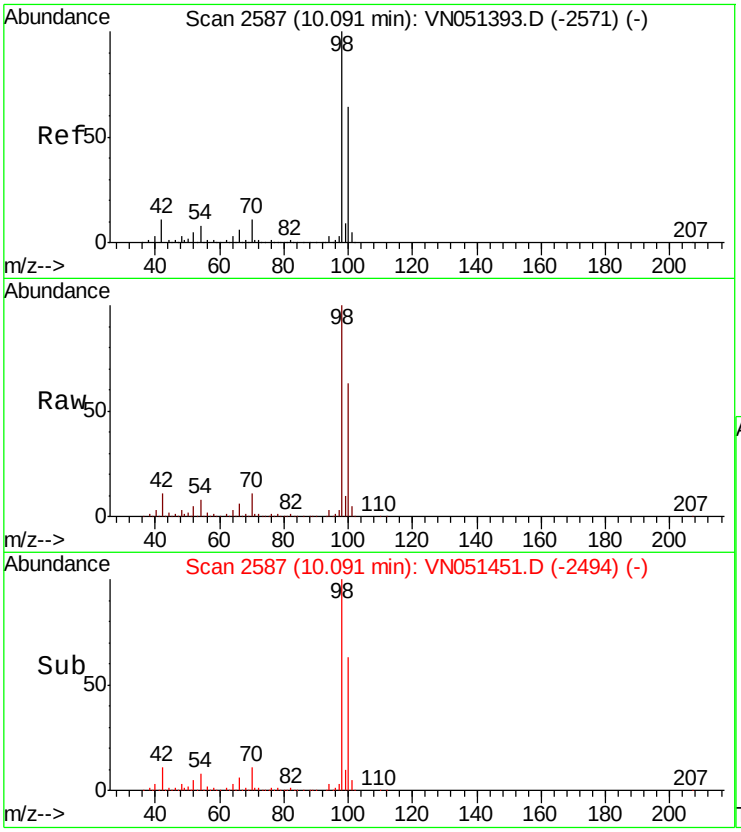


#43
Isopropyl Acetate
Concen: 3.016 ug/l
RT: 8.26 min Scan# 2019
Delta R.T. 0.10 min
Lab File: VN051451.D
Acq: 24 Sep 2018 11:03

Tgt Ion: 43 Resp: 31953

Ion	Ratio	Lower	Upper
43	100		
61	0.0	16.8	25.2#
87	0.0	10.7	16.1#



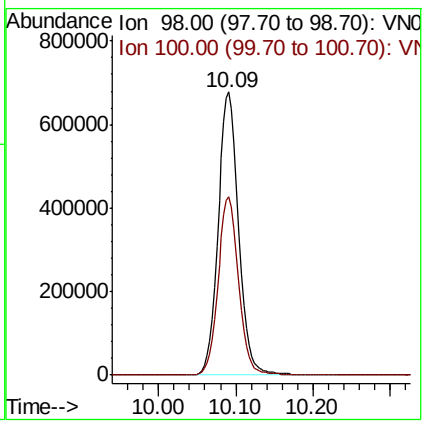


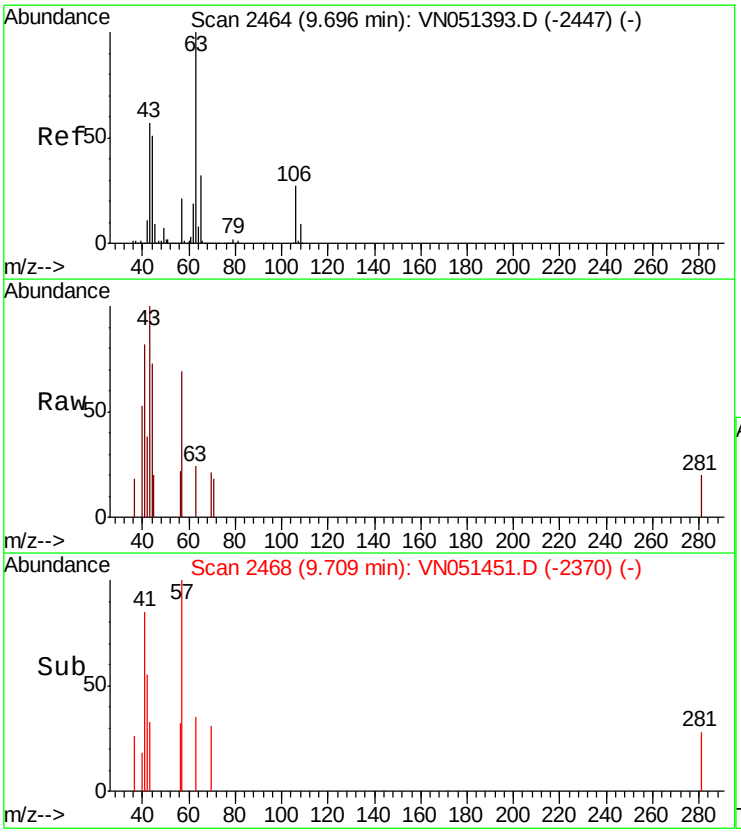
#50
Toluene-d8
Concen: 47.303 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051451.D
Acq: 24 Sep 2018 11:03

Instrument :
MSVOA_N
ClientSampleId :
NS-SLUDGE

Tgt Ion: 98 Resp: 1253526

Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.6	75.8

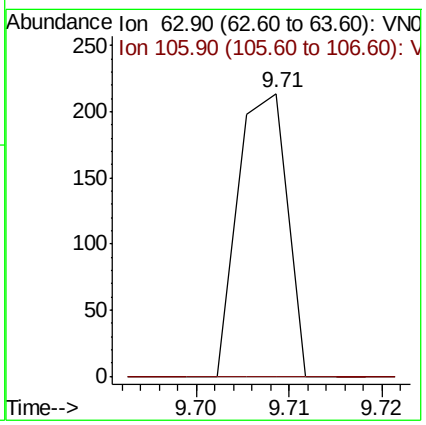


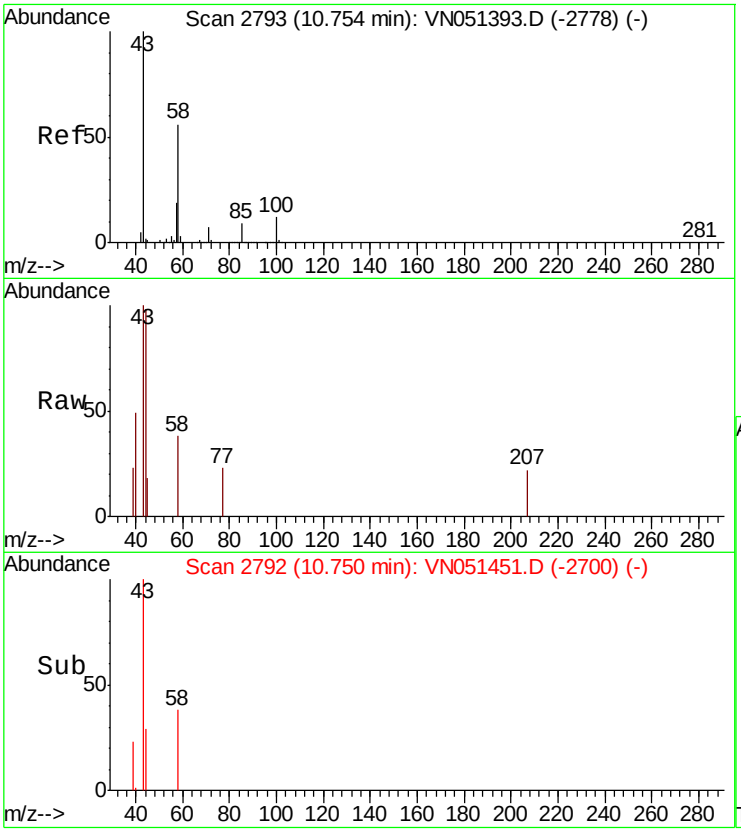


#58
2-Chloroethyl Vinyl ether
Concen: 20.386 ug/l
RT: 9.71 min Scan# 2468
Delta R.T. 0.01 min
Lab File: VN051451.D
Acq: 24 Sep 2018 11:03

Tgt Ion: 63 Resp: 79

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.4	32.2#



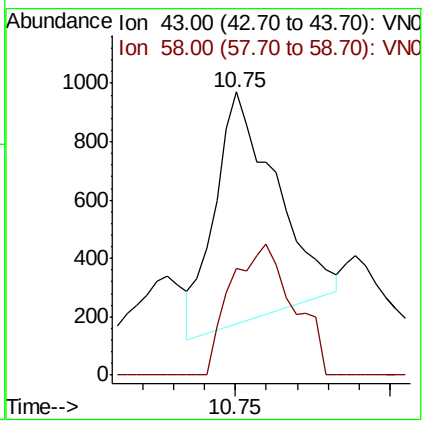


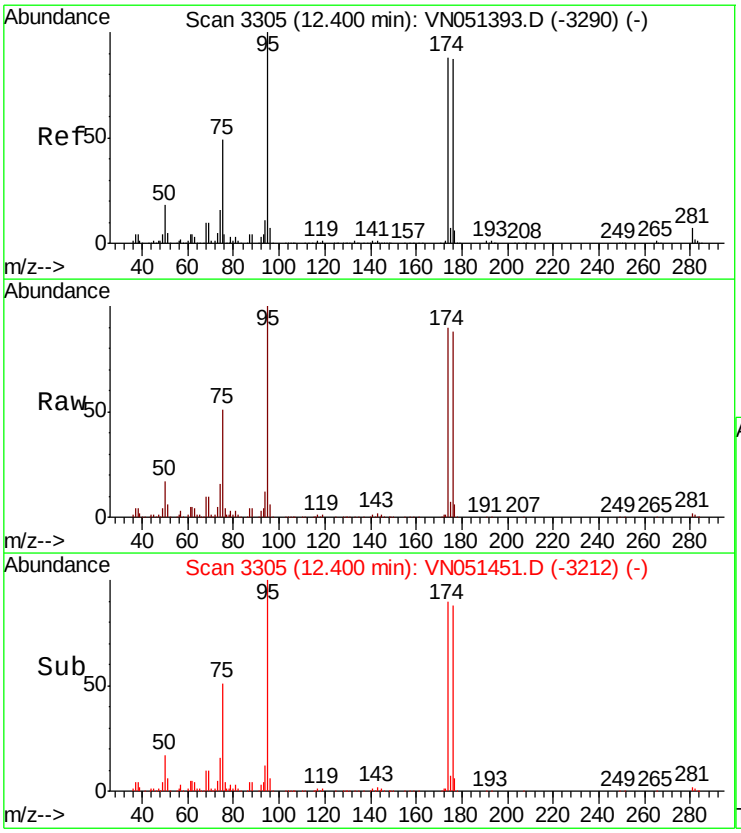
#59
2-Hexanone
Concen: 0.291 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN051451.D
Acq: 24 Sep 2018 11:03

Instrument : MSVOA_N
ClientSampleId : NS-SLUDGE

Tgt Ion: 43 Resp: 1098

Ion	Ratio	Lower	Upper
43	100		
58	57.9	27.7	83.0

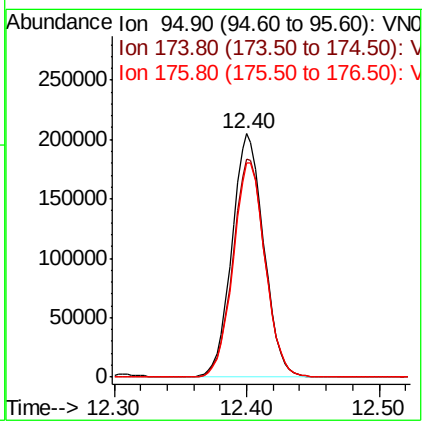


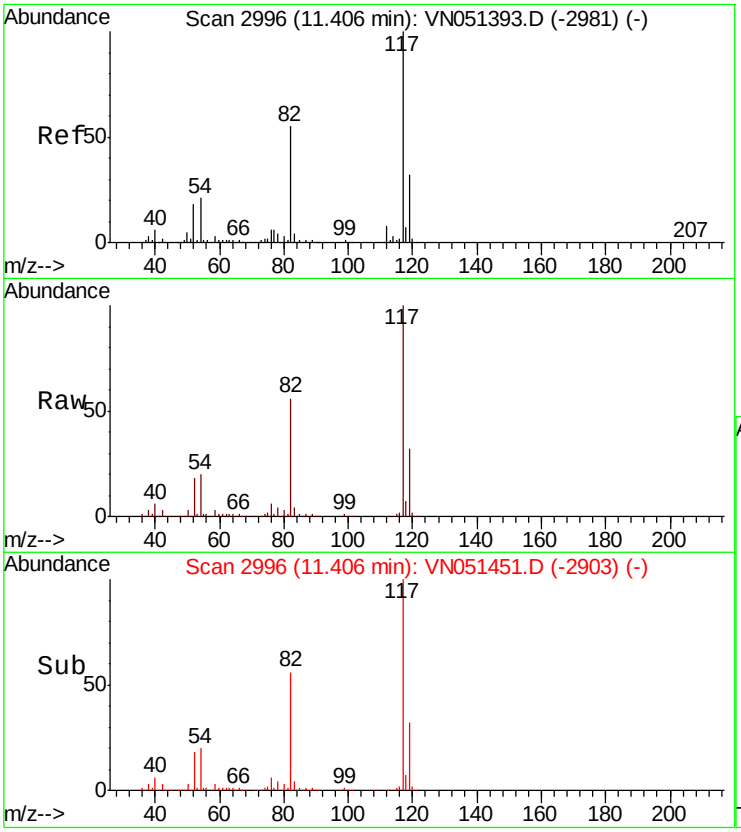


#62
4-Bromofluorobenzene
Concen: 39.777 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051451.D
Acq: 24 Sep 2018 11:03

Tgt Ion: 95 Resp: 340993

Ion	Ratio	Lower	Upper
95	100		
174	90.6	0.0	181.6
176	88.5	0.0	176.4



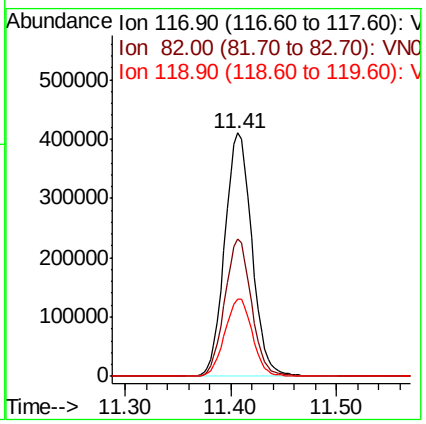


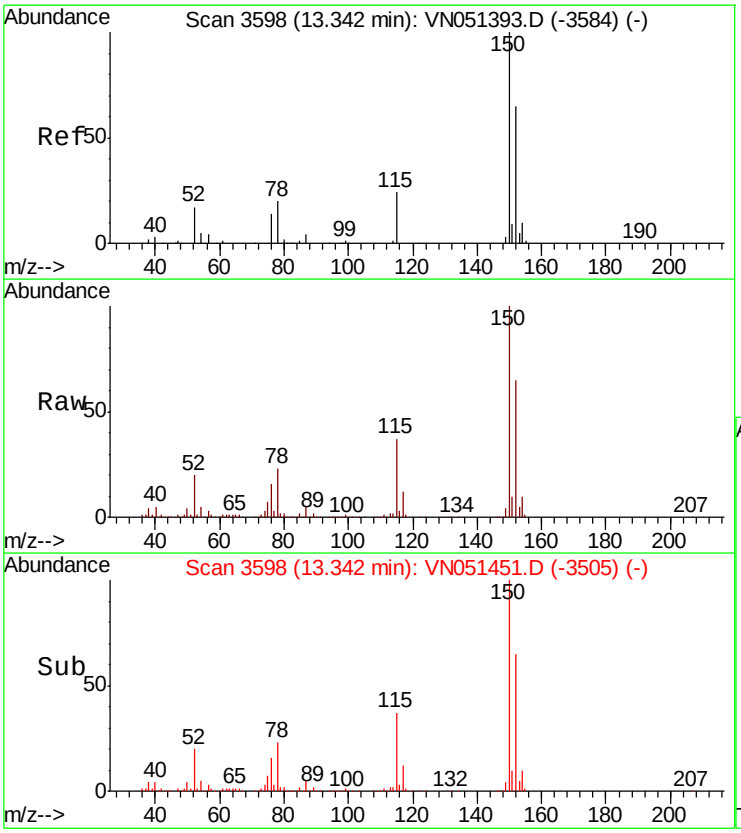
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051451.D
Acq: 24 Sep 2018 11:03

Instrument :
MSVOA_N
ClientSampleId :
NS-SLUDGE

Tgt Ion:117 Resp: 731249

Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.2	66.2
119	31.8	25.9	38.9

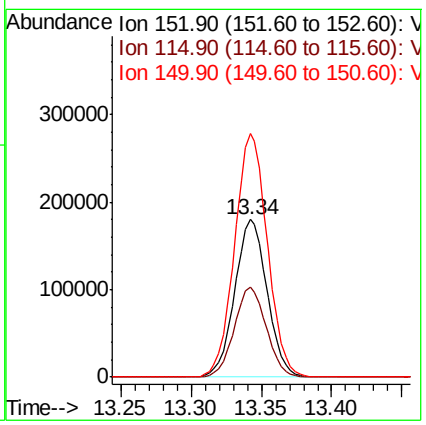


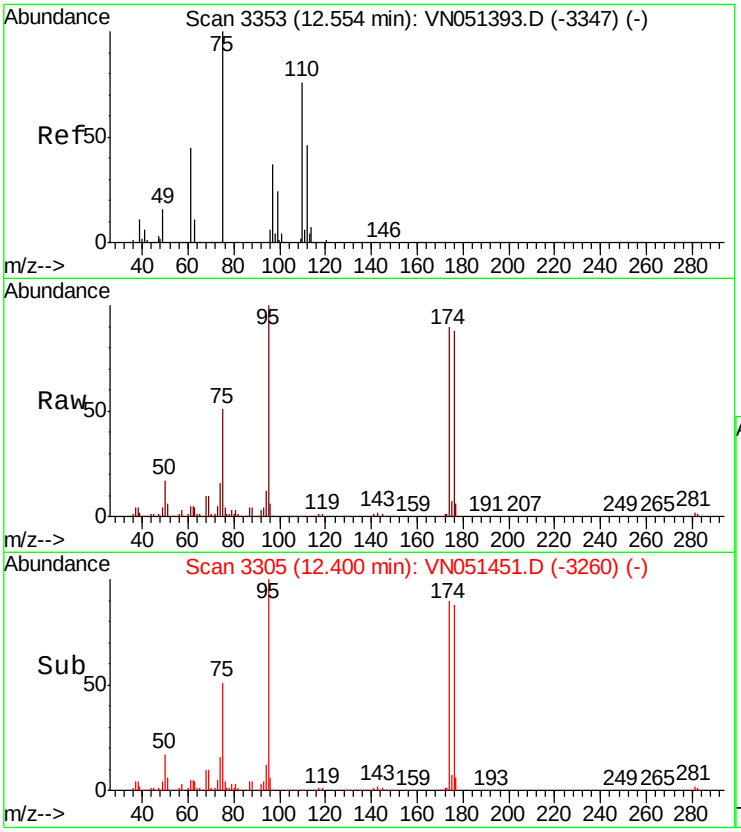


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN051451.D
Acq: 24 Sep 2018 11:03

Tgt Ion:152 Resp: 289108

Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.3	84.9
150	156.5	0.0	353.6



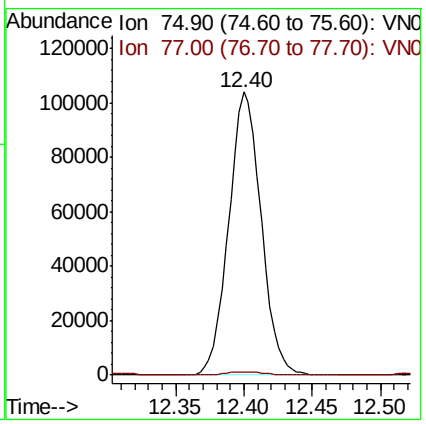


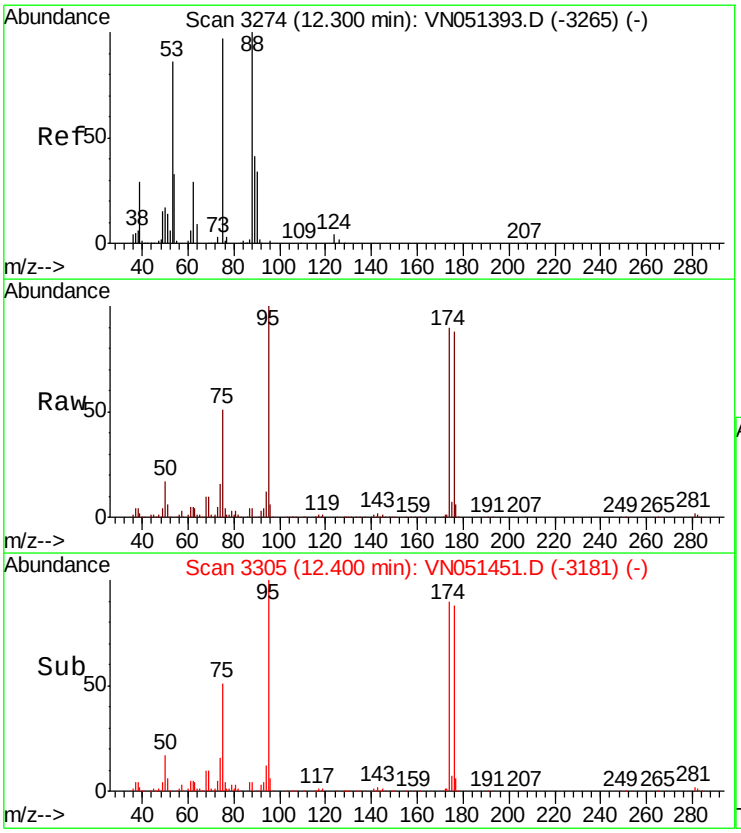
#76
1,2,3-Trichloropropane
Concen: 35.808 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN051451.D
Acq: 24 Sep 2018 11:03

Instrument :
MSVOA_N
ClientSampleId :
NS-SLUDGE

Tgt Ion: 75 Resp: 171856

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

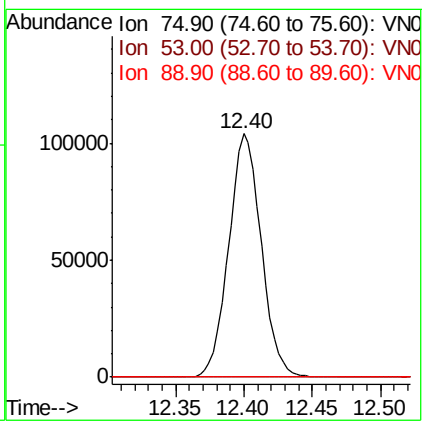


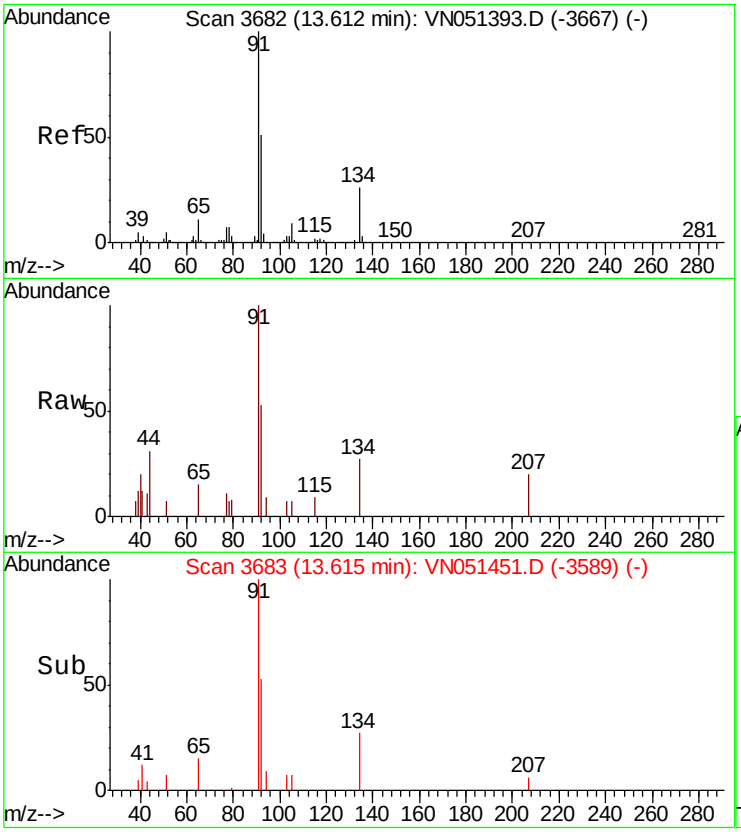


#81
trans-1,4-Dichloro-2-butene
Concen: 110.107 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN051451.D
Acq: 24 Sep 2018 11:03

Tgt Ion: 75 Resp: 171856

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



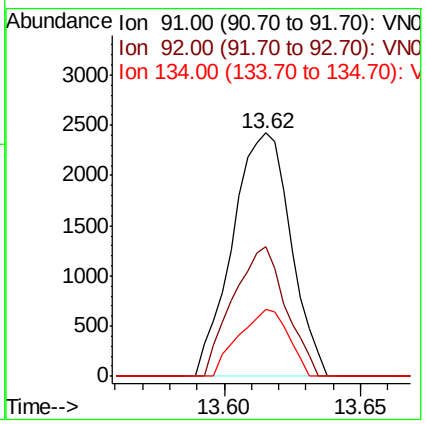


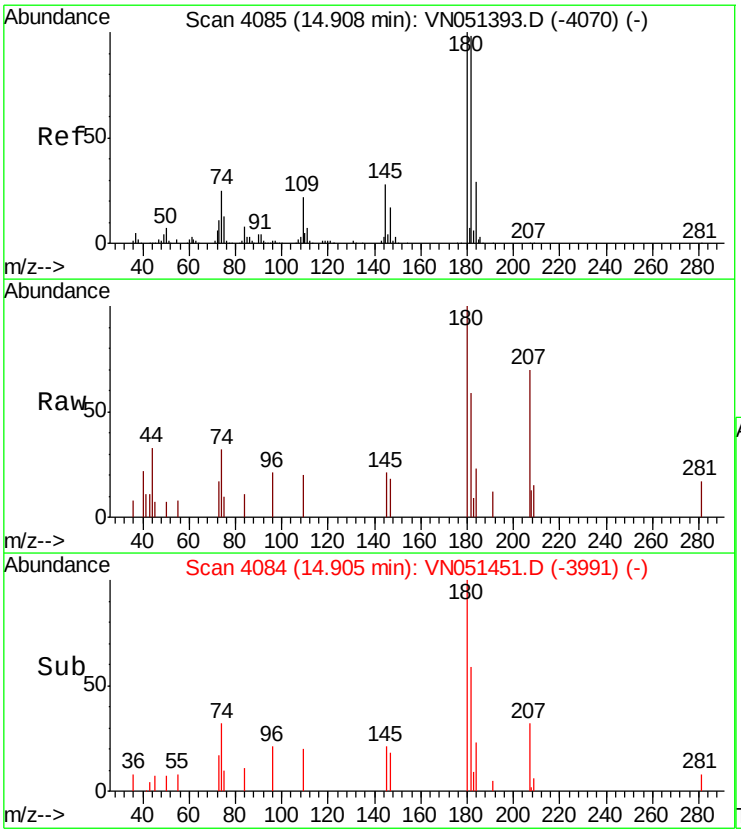
#89
n-Butylbenzene
Concen: 0.210 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051451.D
Acq: 24 Sep 2018 11:03

Instrument :
MSVOA_N
ClientSampleId :
NS-SLUDGE

Tgt Ion: 91 Resp: 3587

Ion	Ratio	Lower	Upper
91	100		
92	48.3	25.5	76.5
134	23.3	13.3	39.8

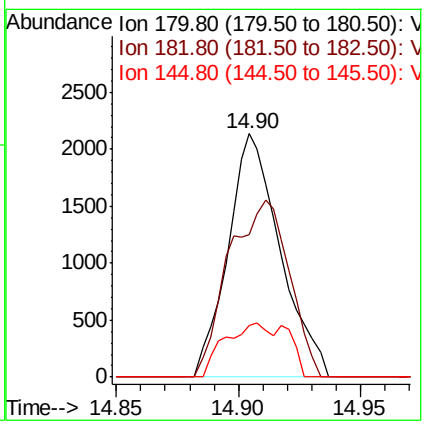


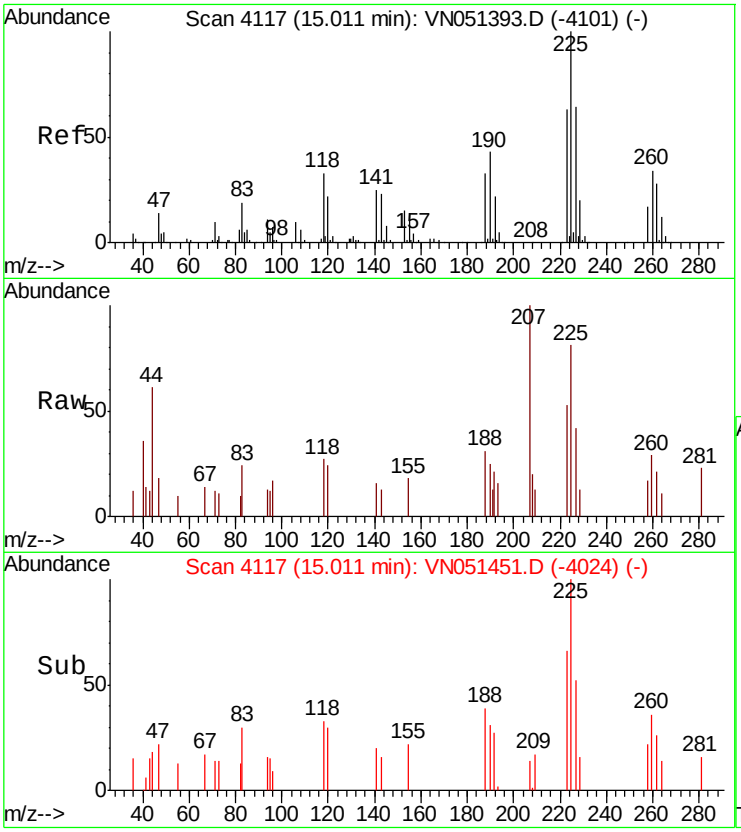


#93
1,2,4-Trichlorobenzene
Concen: 6.480 ug/l
RT: 14.90 min Scan# 4084
Delta R.T. -0.00 min
Lab File: VN051451.D
Acq: 24 Sep 2018 11:03

Tgt Ion:180 Resp: 3163

Ion	Ratio	Lower	Upper
180	100		
182	84.4	48.5	145.6
145	19.9	14.1	42.4



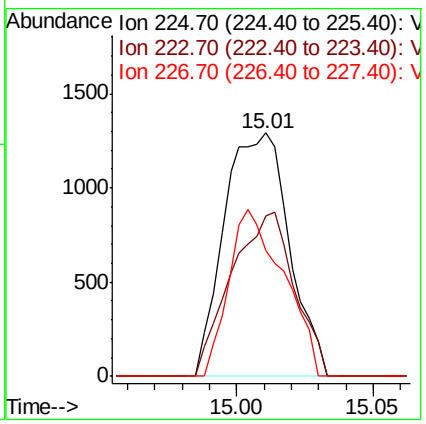


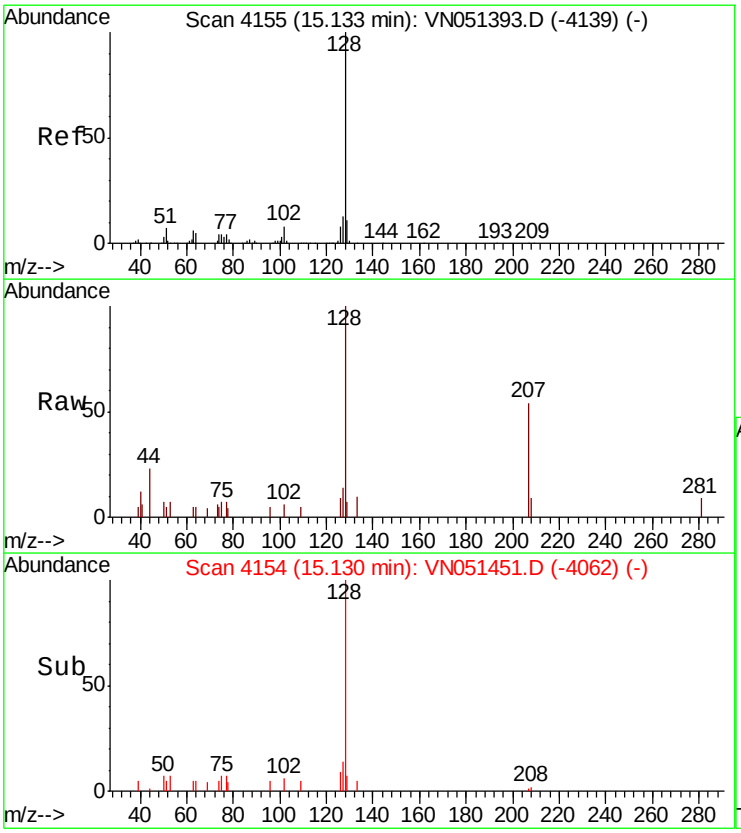
#94
Hexachlorobutadiene
Concen: 0.544 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. -0.00 min
Lab File: VN051451.D
Acq: 24 Sep 2018 11:03

Instrument :
MSVOA_N
ClientSampleId :
NS-SLUDGE

Tgt Ion:225 Resp: 2133

Ion	Ratio	Lower	Upper
225	100		
223	65.5	31.9	95.9
227	58.0	32.5	97.5

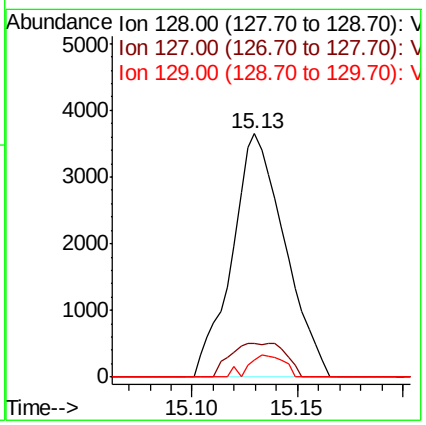


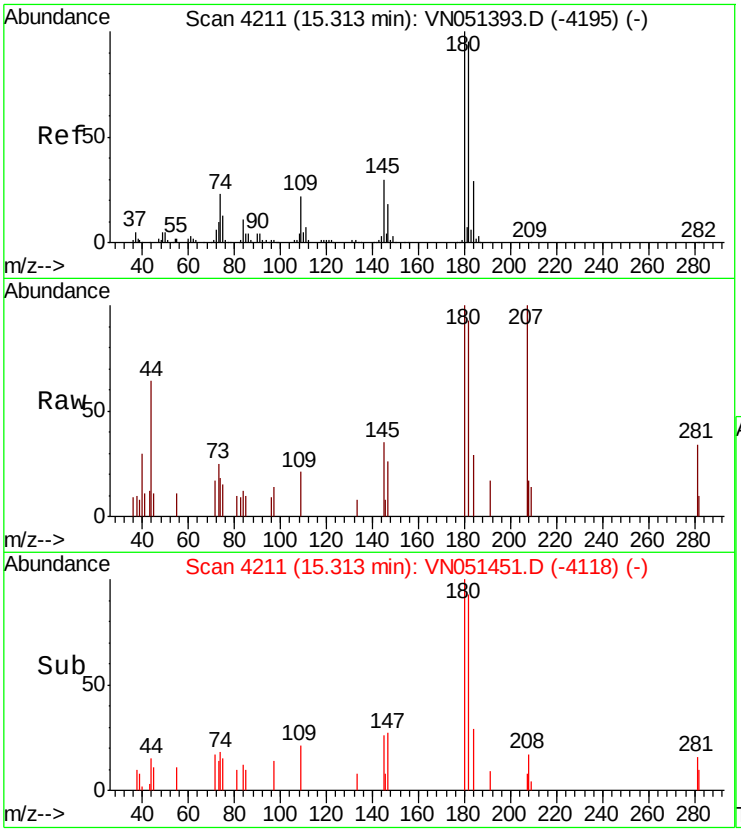


#95
Naphthalene
Concen: 8.539 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN051451.D
Acq: 24 Sep 2018 11:03

Tgt Ion:128 Resp: 6338

Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.5	15.7
129	6.1	8.6	12.8#





#96
1,2,3-Trichlorobenzene
Concen: 0.668 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN051451.D
Acq: 24 Sep 2018 11:03

Instrument :
MSVOA_N
ClientSampleId :
NS-SLUDGE

Tgt Ion:180 Resp: 3323

Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.2	141.6
145	28.4	14.6	43.8