Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112818\
Data File : VN052510.D
Acq On : 28 Nov 2018 10:57
Operator : MD\SY
Sample : J6055-02ME
Misc : 4.03g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : RICH-REC-ROAD-STONE-7ME

Quant Time: Nov 28 13:33:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 28 01:11:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1196397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1797741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1512455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	594462	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	615688	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.52%			
35) Dibromofluoromethane	7.59	113	543206	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.02%			
50) Toluene-d8	10.09	98	2165436	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.38%			
62) 4-Bromofluorobenzene	12.40	95	670303	46.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.48%			
Target Compounds						Qvalue
13) Acrolein	3.61	56	155	33.592	ug/l #	53
14) Allyl chloride	4.32	41	9684	0.501	ug/l #	28
16) Acetone	3.83	43	6469	1.883	ug/l #	76
18) Methyl Acetate	4.32	43	715429	72.590	ug/l	99
25) 2-Butanone	6.85	43	9065	1.861	ug/l	99
31) Cyclohexane	7.66	56	21226	0.586	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	85165	5.017	ug/l #	49
37) Ethyl Acetate	6.85	43	9065	0.875	ug/l #	69
38) Carbon Tetrachloride	7.66	117	104059	6.771	ug/l #	16
43) Isopropyl Acetate	8.24	43	16691	0.952	ug/l #	51
52) Toluene	10.16	92	14008	0.466	ug/l	98
56) Ethyl methacrylate	10.30	69	1755	2.806	ug/l #	1
68) m/p-Xylenes	11.62	106	16374	0.805	ug/l	92
69) o-Xylene	11.95	106	6674	0.338	ug/l	84
71) Bromoform	12.40	173	3912	0.545	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	319695	34.875	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	14445	0.388	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	319695	116.465	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	48362	1.297	ug/l	97
90) Hexachloroethane	13.89	117	2652	0.407	ug/l #	6
93) 1,2,4-Trichlorobenzene	14.91	180	959	2.915	ug/l #	42
95) Naphthalene	15.14	128	17487	4.156	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.33	180	1443	2.868	ug/l #	1

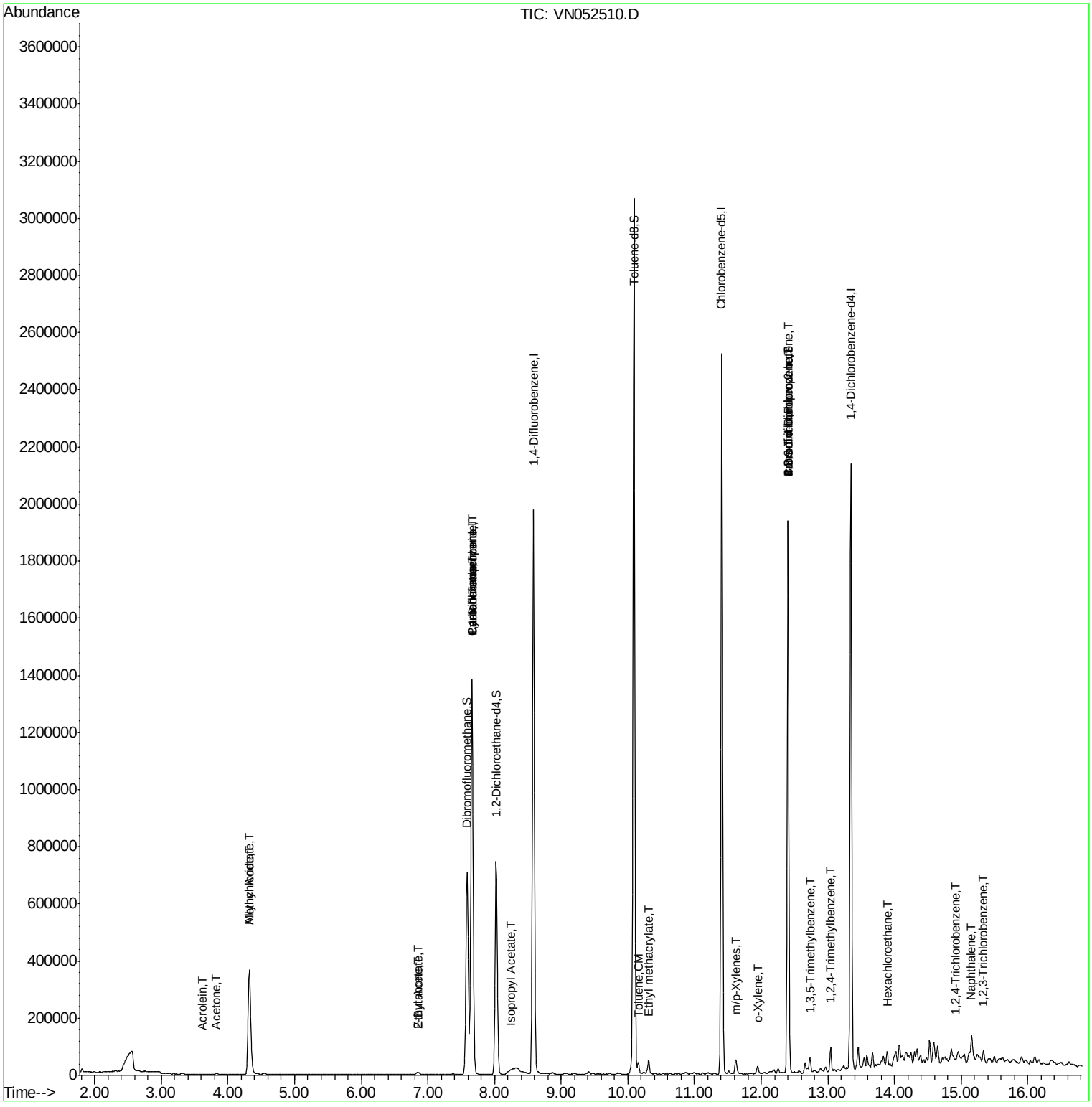
(#) = qualifier out of range (m) = manual integration (+) = signals summed

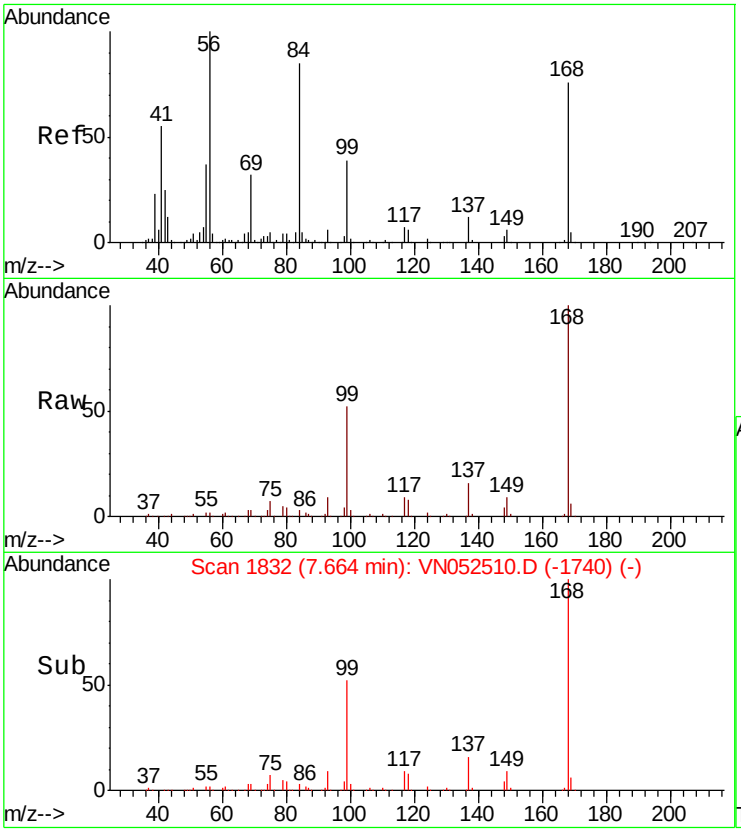
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112818\
Data File : VN052510.D
Acq On : 28 Nov 2018 10:57
Operator : MD\SY
Sample : J6055-02ME
Misc : 4.03g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
RICH-REC-ROAD-STONE-7ME

Quant Time: Nov 28 13:33:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 28 01:11:38 2018
Response via : Initial Calibration



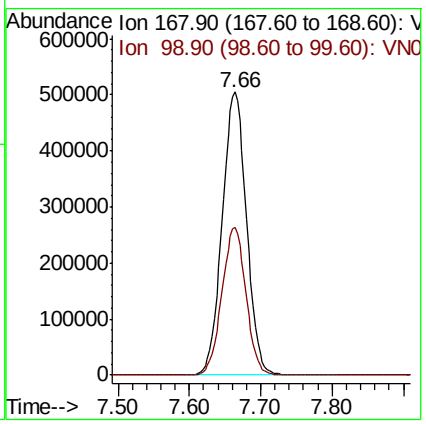


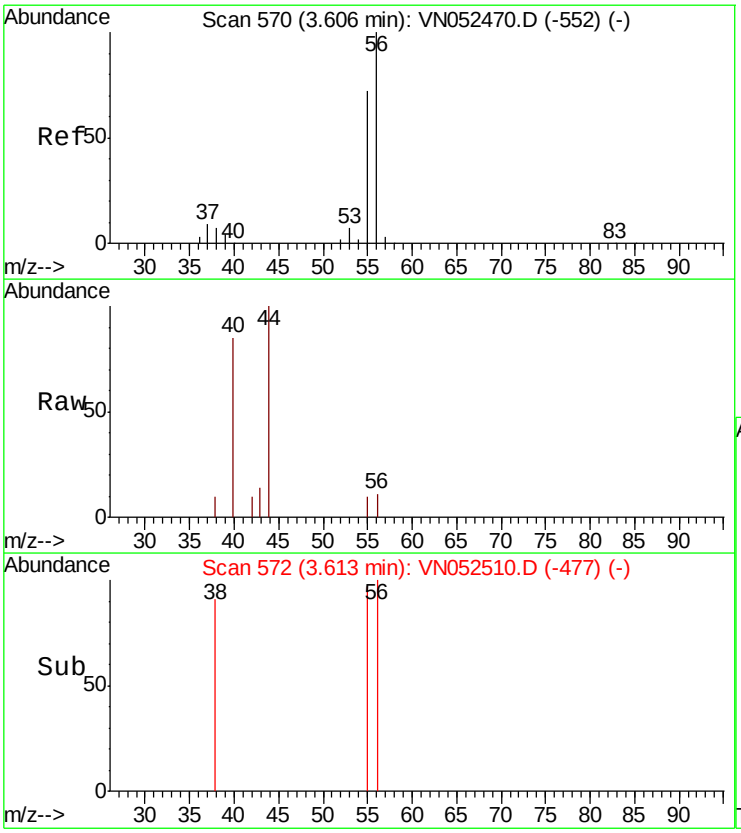
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Instrument :
MSVOA_N
ClientSampleId :
RICH-REC-ROAD-STONE-7ME

Tgt Ion:168 Resp: 1196397

Ion	Ratio	Lower	Upper
168	100		
99	52.2	41.7	62.5

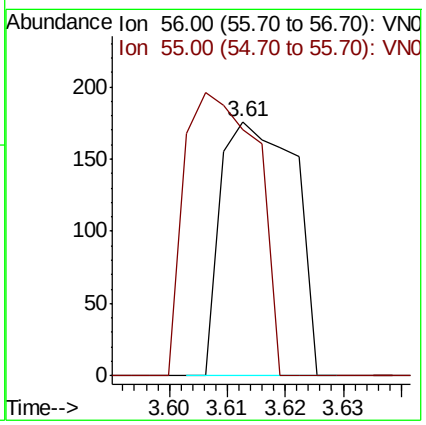


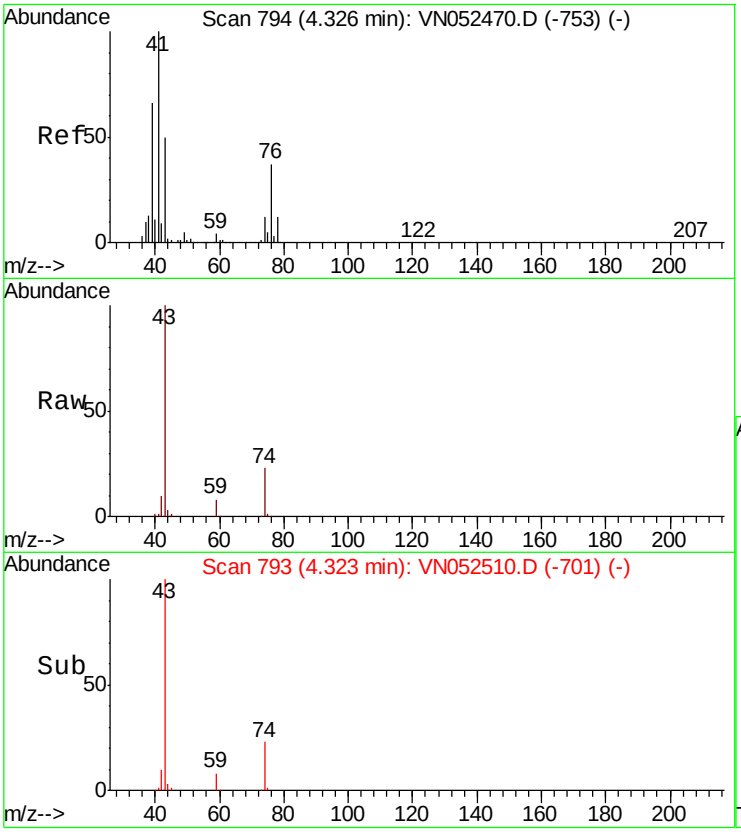


#13
Acrolein
Concen: 33.592 ug/l
RT: 3.61 min Scan# 572
Delta R.T. 0.01 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Tgt Ion: 56 Resp: 155

Ion	Ratio	Lower	Upper
56	100		
55	109.7	56.8	85.2#



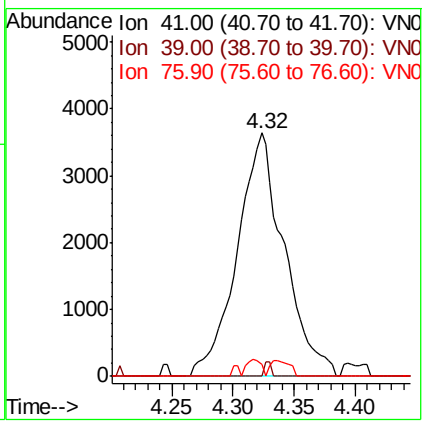


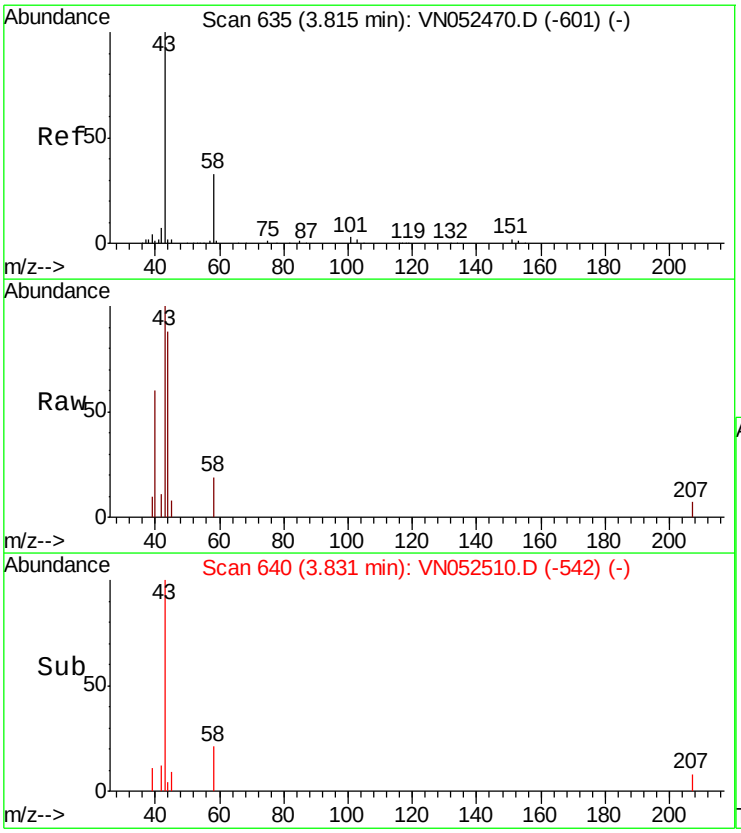
#14
Allyl chloride
Concen: 0.501 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Instrument :
MSVOA_N
ClientSampleId :
RICH-REC-ROAD-STONE-7ME

Tgt Ion: 41 Resp: 9684

Ion	Ratio	Lower	Upper
41	100		
39	0.9	50.6	76.0#
76	2.1	27.4	41.2#

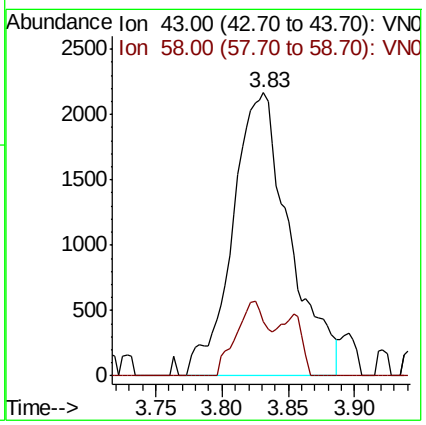


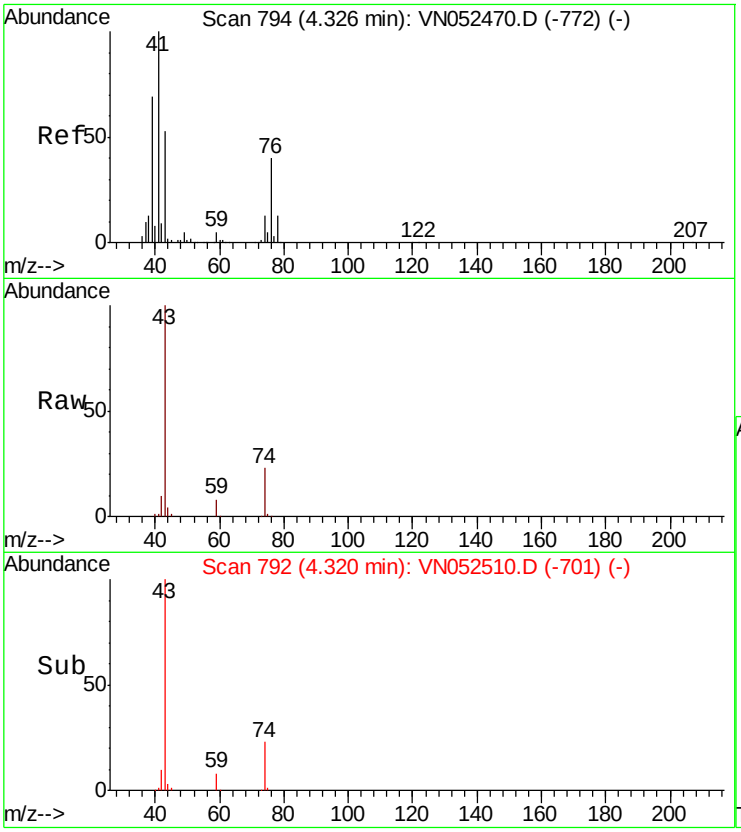


#16
Acetone
Concen: 1.883 ug/l
RT: 3.83 min Scan# 640
Delta R.T. 0.02 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Tgt Ion: 43 Resp: 6469

Ion	Ratio	Lower	Upper
43	100		
58	19.3	26.0	39.0#



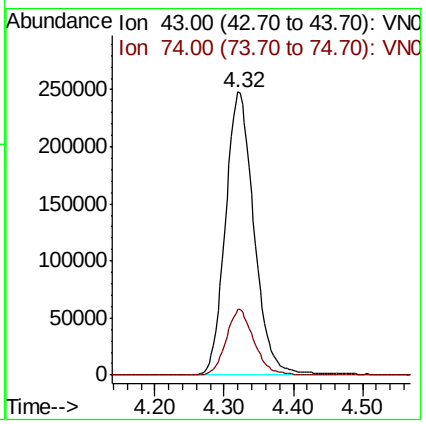


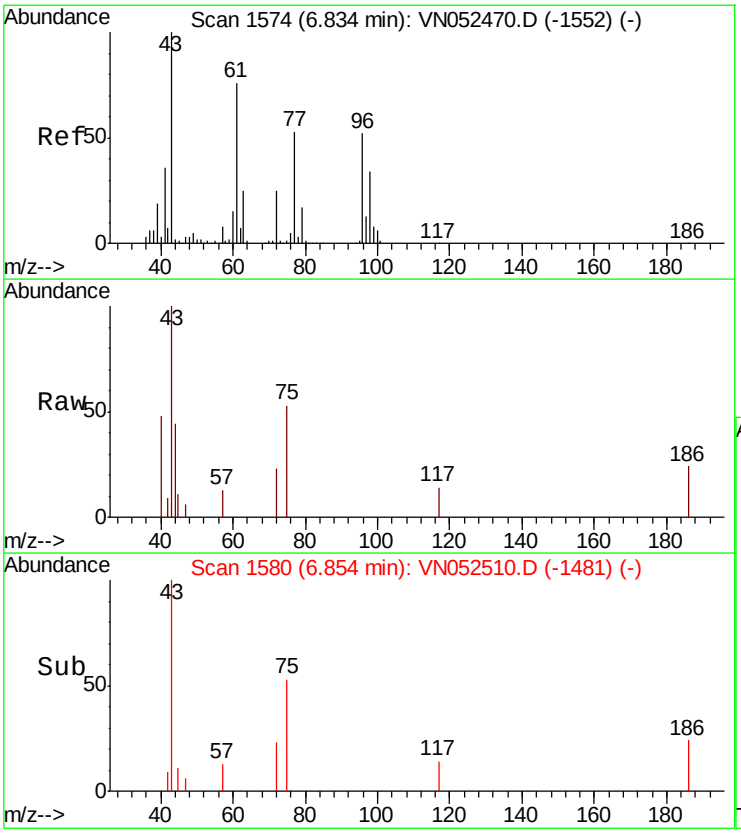
#18
Methyl Acetate
Concen: 72.590 ug/l
RT: 4.32 min Scan# 792
Delta R.T. -0.01 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Instrument :
MSVOA_N
ClientSampleId :
RICH-REC-ROAD-STONE-7ME

Tgt Ion: 43 Resp: 715429

Ion	Ratio	Lower	Upper
43	100		
74	22.6	18.6	27.8

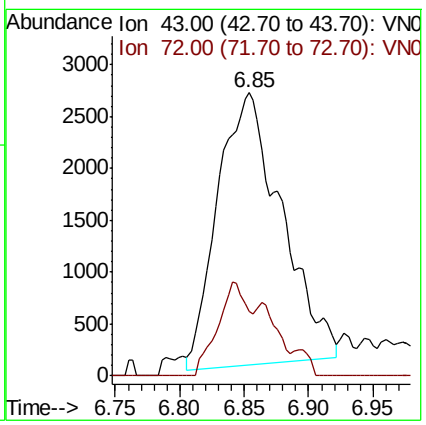


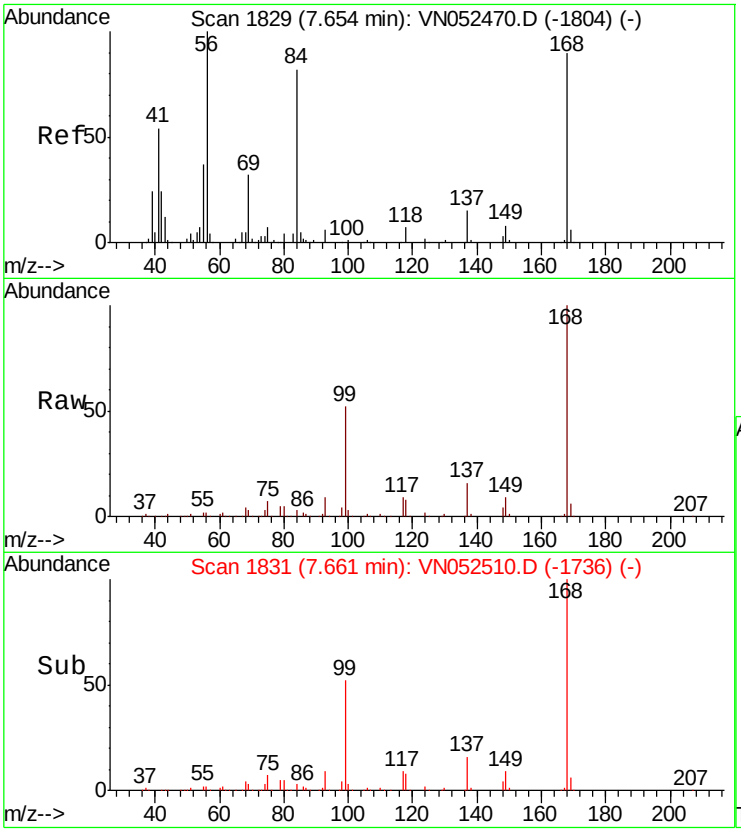


#25
2-Butanone
Concen: 1.861 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Tgt Ion: 43 Resp: 9065

Ion	Ratio	Lower	Upper
43	100		
72	24.5	20.1	30.1



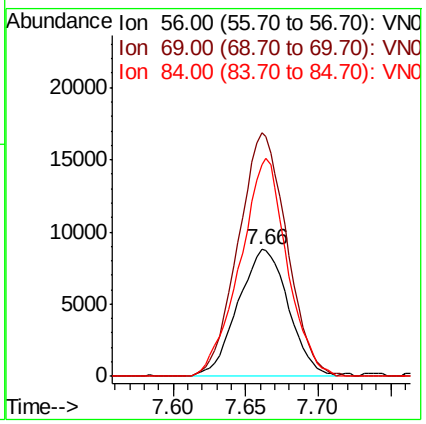


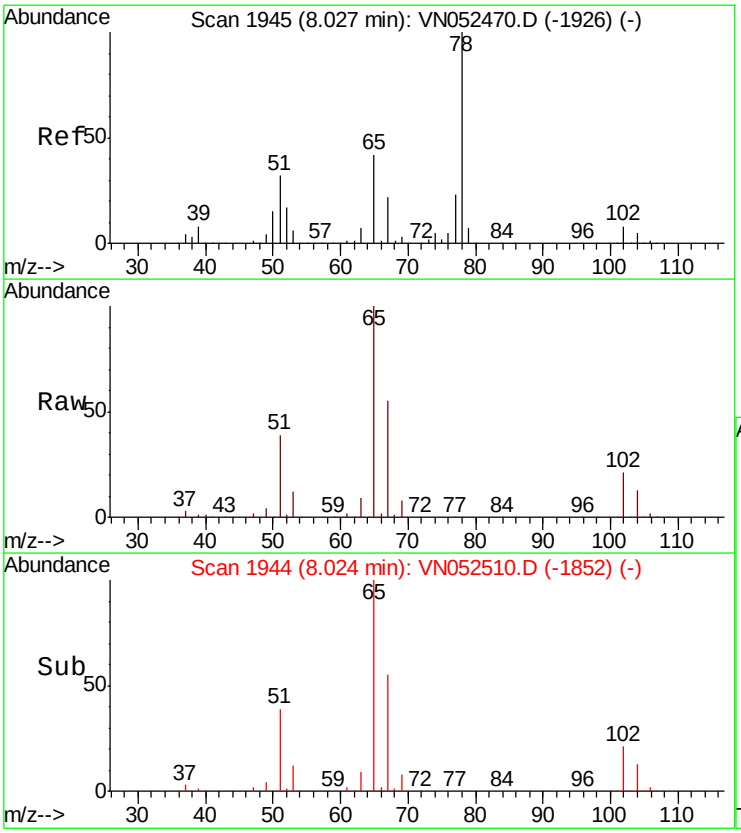
#31
Cyclohexane
Concen: 0.586 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Instrument :
MSVOA_N
ClientSampleId :
RICH-REC-ROAD-STONE-7ME

Tgt Ion: 56 Resp: 21226

Ion	Ratio	Lower	Upper
56	100		
69	192.2	25.8	38.6#
84	166.7	65.3	97.9#

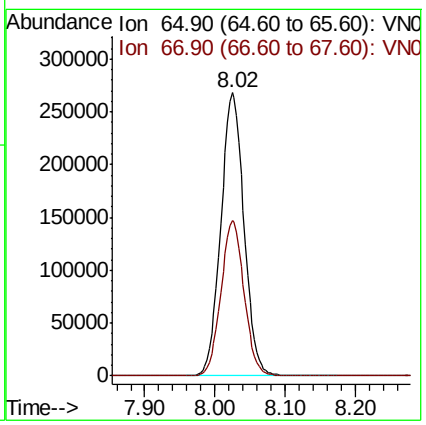


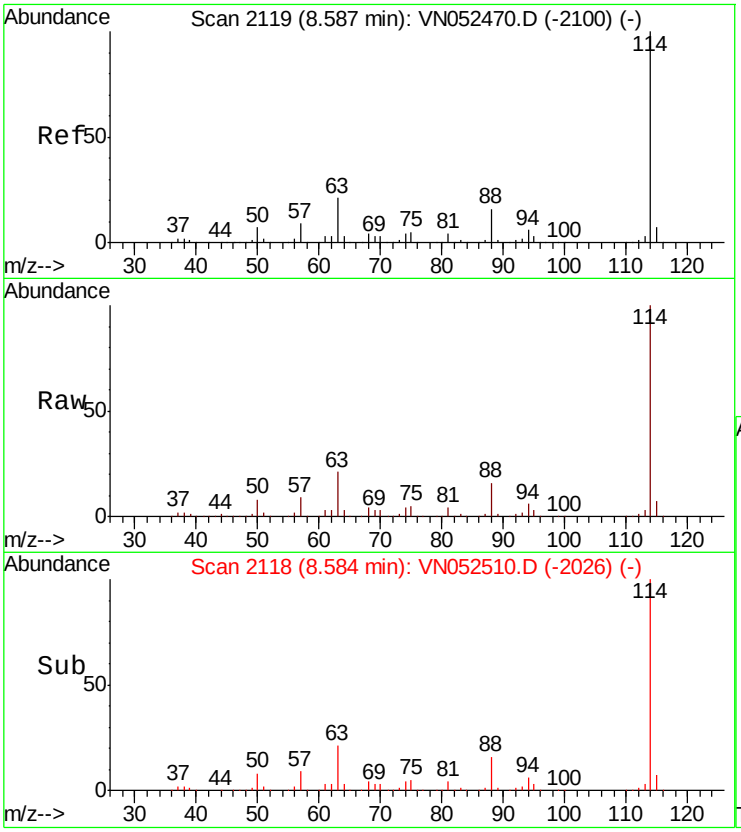


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Tgt Ion: 65 Resp: 615688

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	109.8



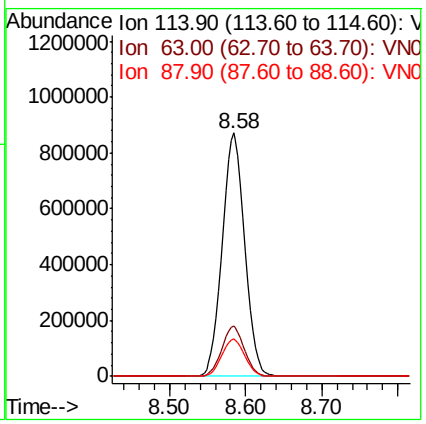


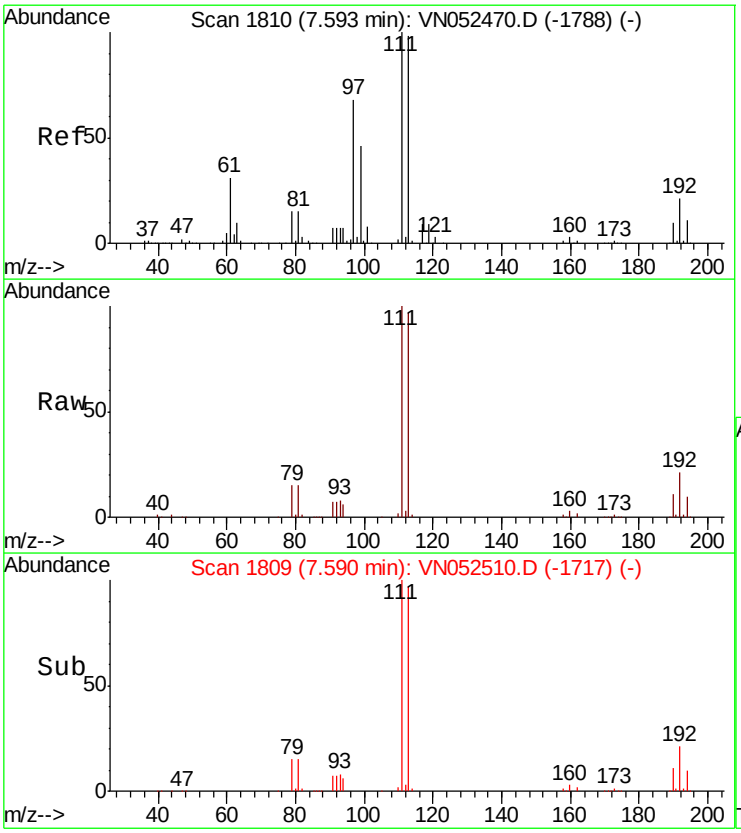
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Instrument :
MSVOA_N
ClientSampleId :
RICH-REC-ROAD-STONE-7ME

Tgt Ion:114 Resp: 1797741

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	41.8
88	15.5	0.0	31.6

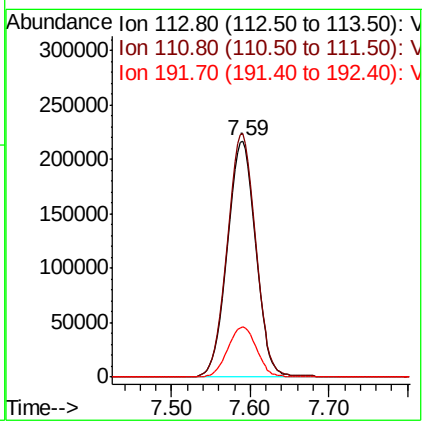


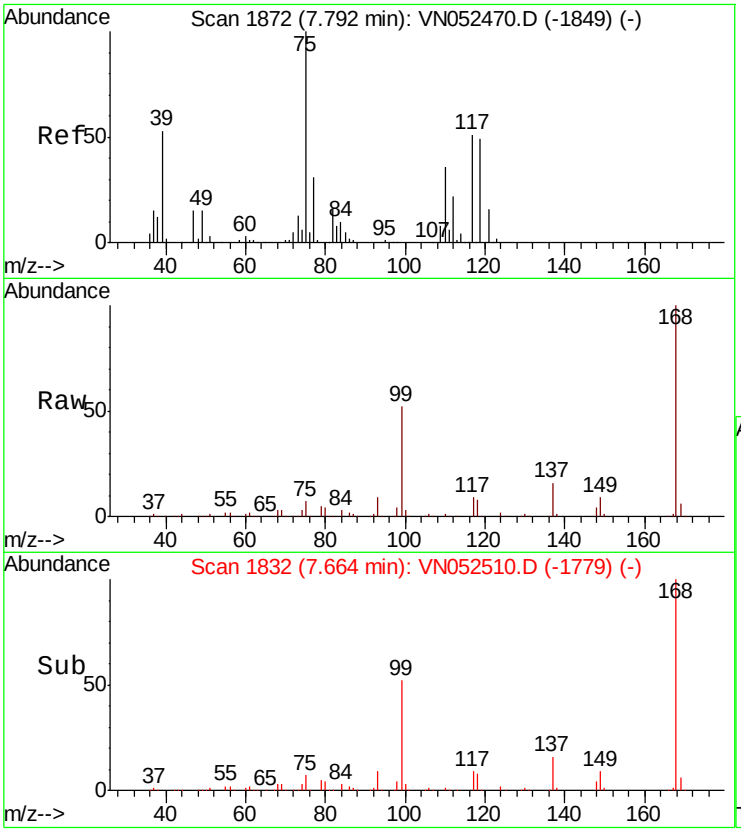


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Tgt Ion:113 Resp: 543206

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.0	123.0
192	21.5	17.0	25.6



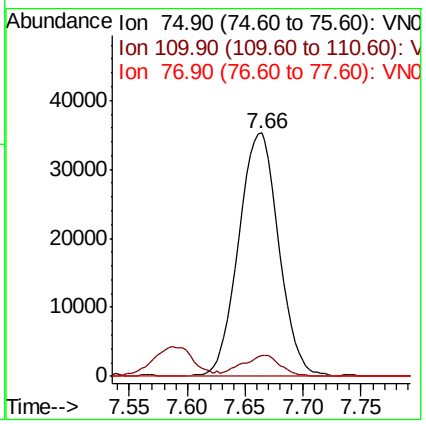


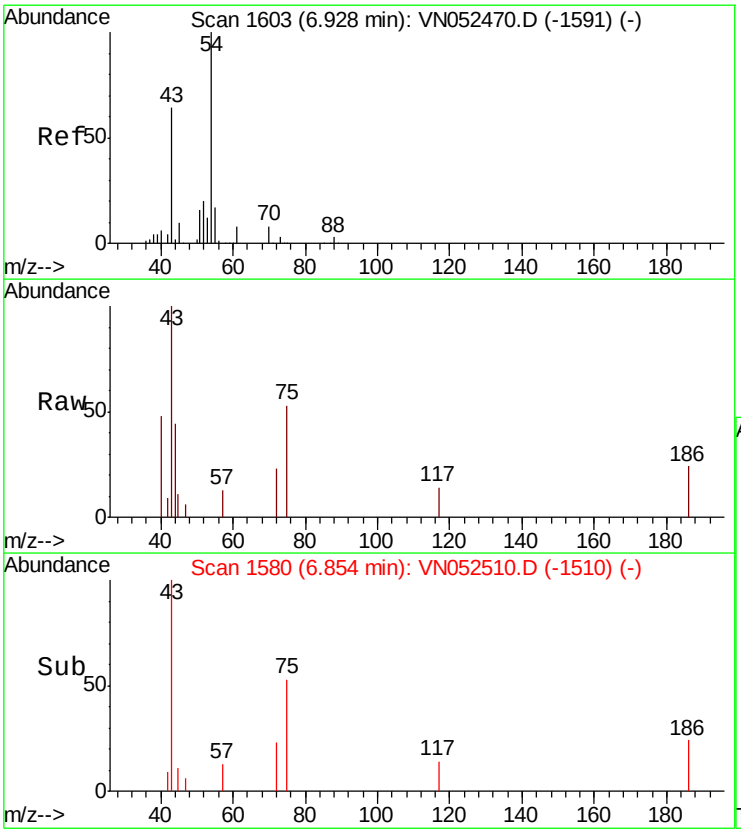
#36
1,1-Dichloropropene
Concen: 5.017 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Instrument :
MSVOA_N
ClientSampleId :
RICH-REC-ROAD-STONE-7ME

Tgt Ion: 75 Resp: 85165

Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.5	52.6#
77	0.0	24.5	36.7#

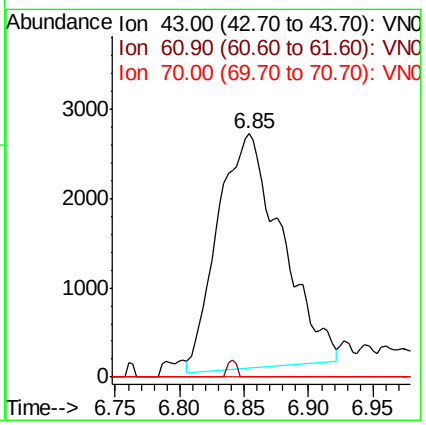


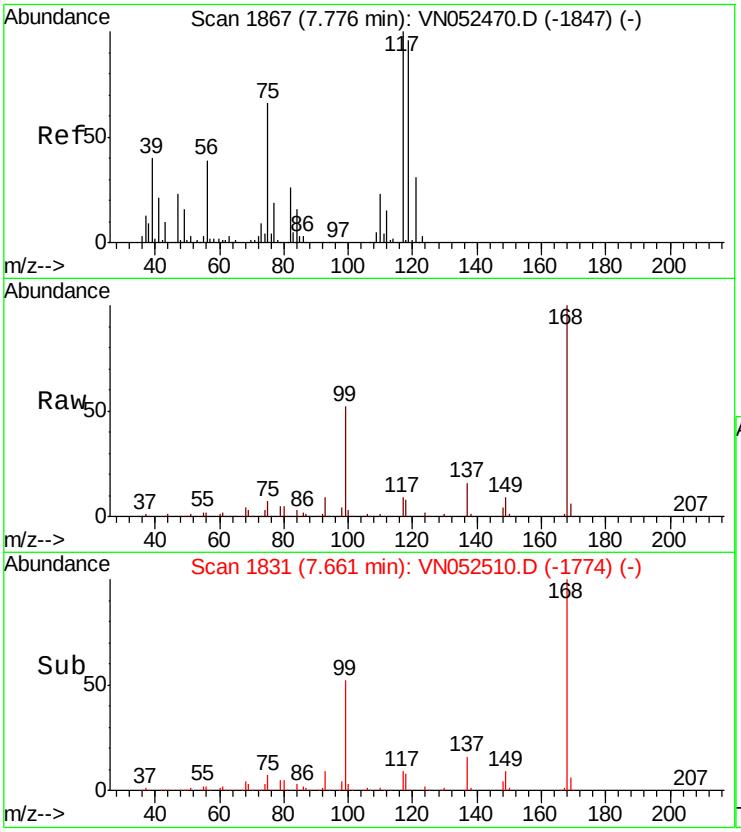


#37
Ethyl Acetate
Concen: 0.875 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. -0.07 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Tgt Ion: 43 Resp: 9065

Ion	Ratio	Lower	Upper
43	100		
61	1.1	11.8	17.8#
70	0.0	7.8	11.8#



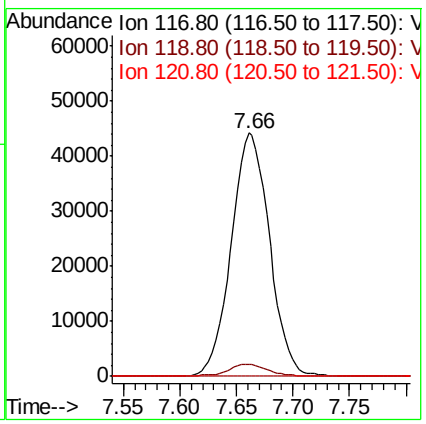


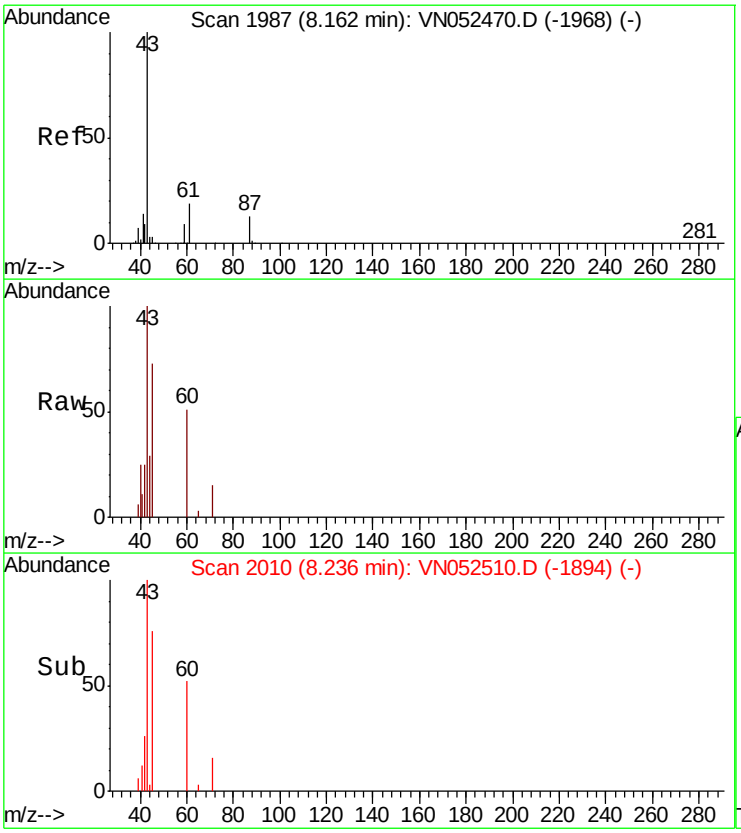
#38
Carbon Tetrachloride
Concen: 6.771 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.12 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Instrument :
MSVOA_N
ClientSampleId :
RICH-REC-ROAD-STONE-7ME

Tgt Ion:117 Resp: 104059

Ion	Ratio	Lower	Upper
117	100		
119	5.0	76.8	115.2#
121	0.0	24.9	37.3#

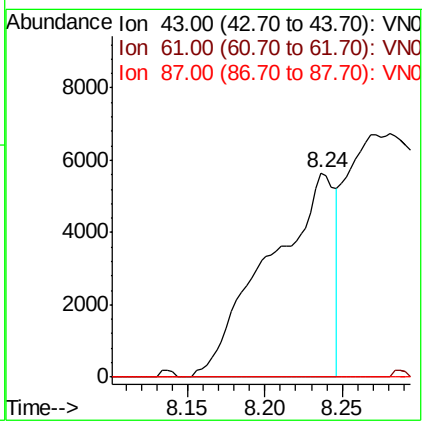


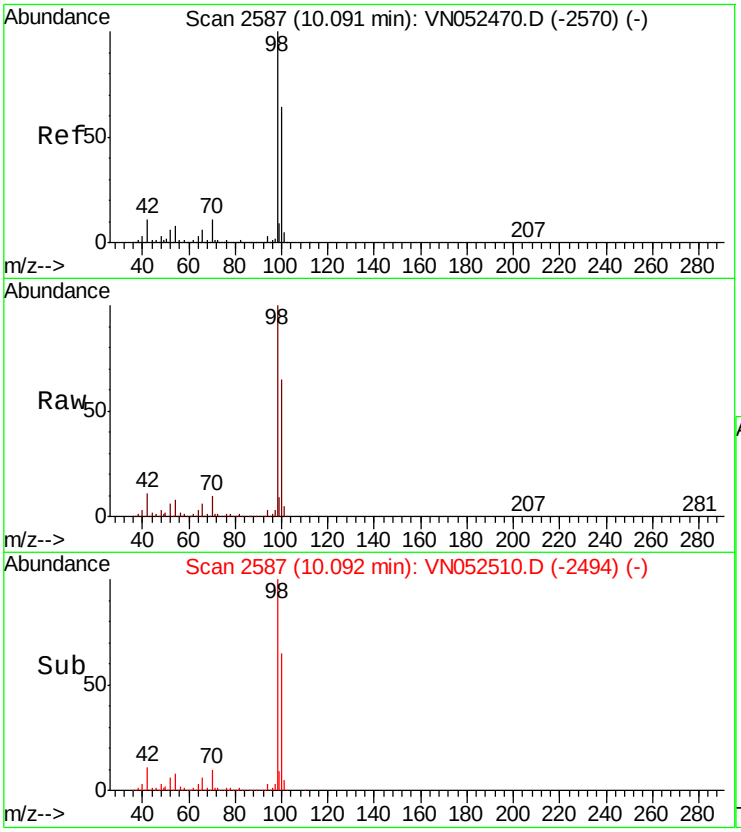


#43
Isopropyl Acetate
Concen: 0.952 ug/l
RT: 8.24 min Scan# 2010
Delta R.T. 0.07 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Tgt Ion: 43 Resp: 16691

Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.1	36.1#
87	0.0	10.6	15.8#



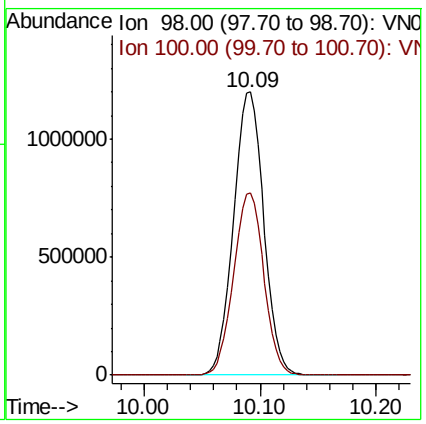


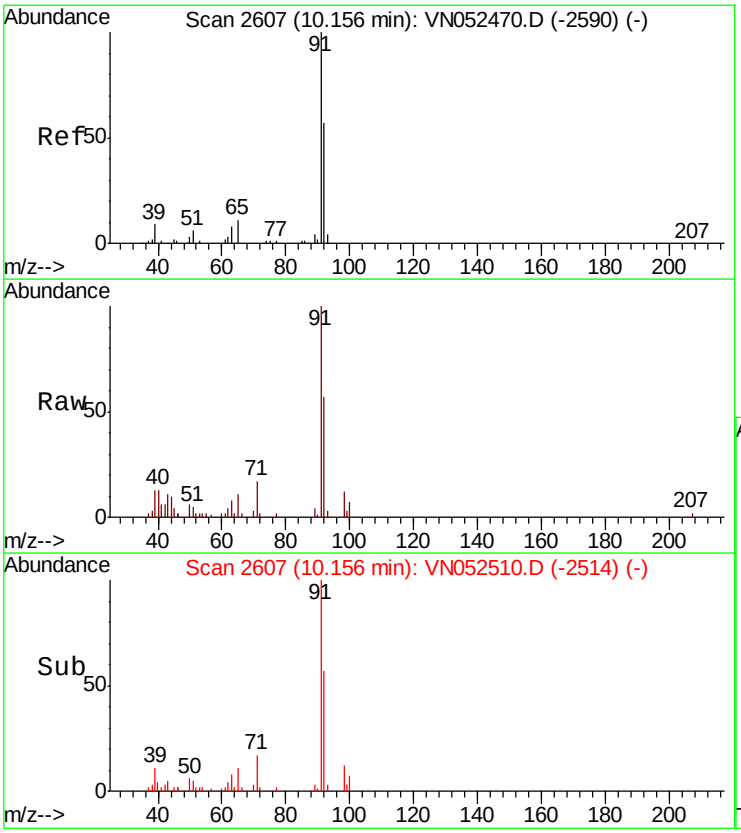
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Instrument :
MSVOA_N
ClientSampleId :
RICH-REC-ROAD-STONE-7ME

Tgt Ion: 98 Resp: 2165436

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.3	76.9

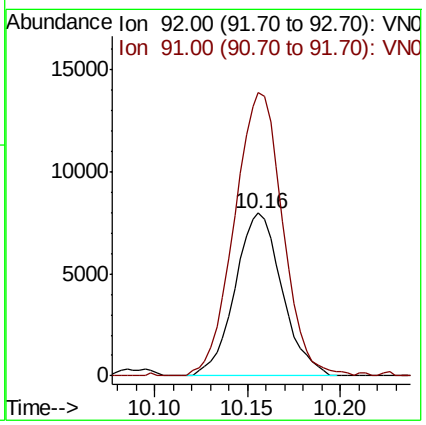


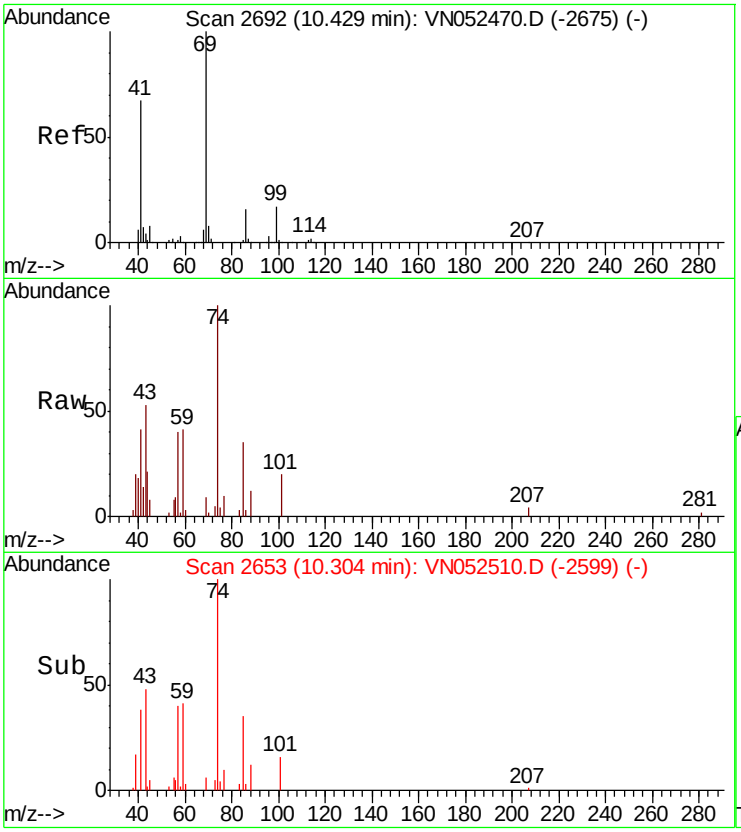


#52
Toluene
Concen: 0.466 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Tgt Ion: 92 Resp: 14008

Ion	Ratio	Lower	Upper
92	100		
91	179.3	141.0	211.4



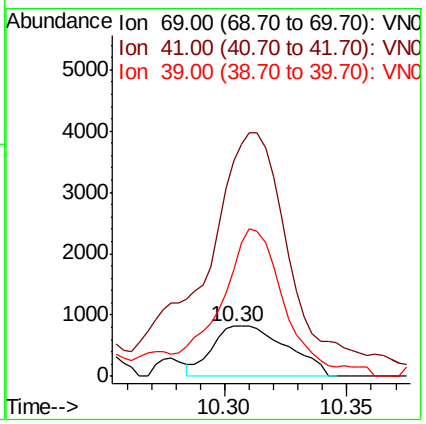


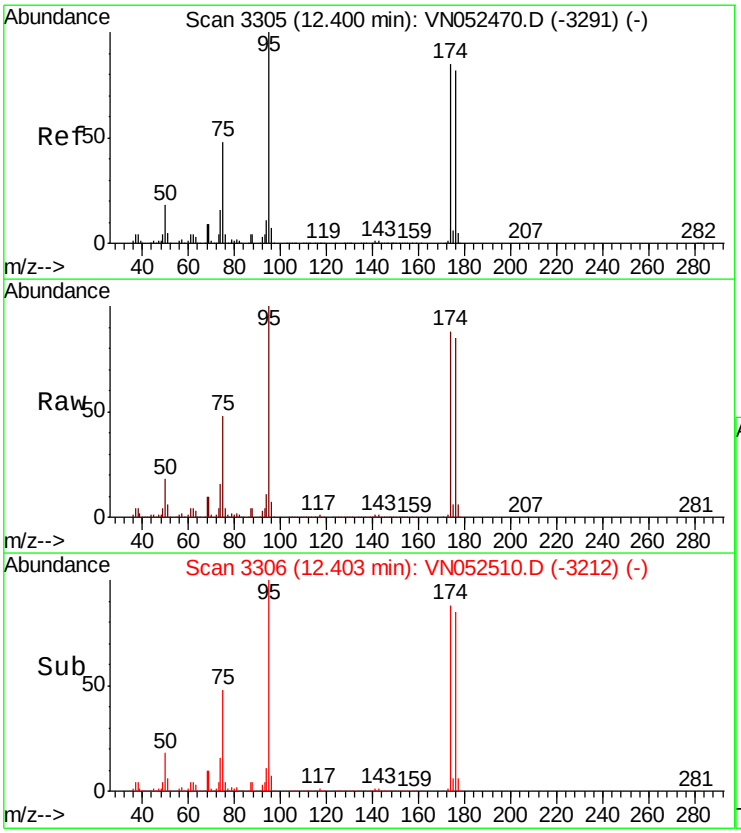
#56
Ethyl methacrylate
Concen: 2.806 ug/l
RT: 10.30 min Scan# 2653
Delta R.T. -0.13 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Instrument :
MSVOA_N
ClientSampleId :
RICH-REC-ROAD-STONE-7ME

Tgt Ion: 69 Resp: 1755

Ion	Ratio	Lower	Upper
69	100		
41	499.5	52.6	79.0#
39	256.2	25.9	38.9#

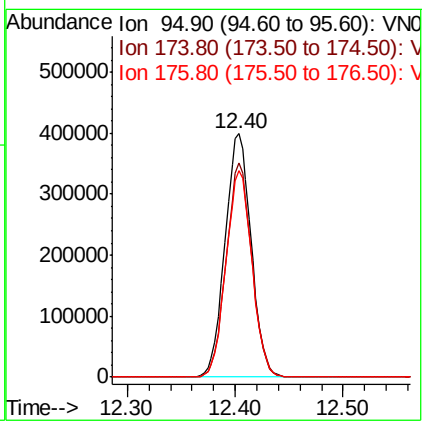


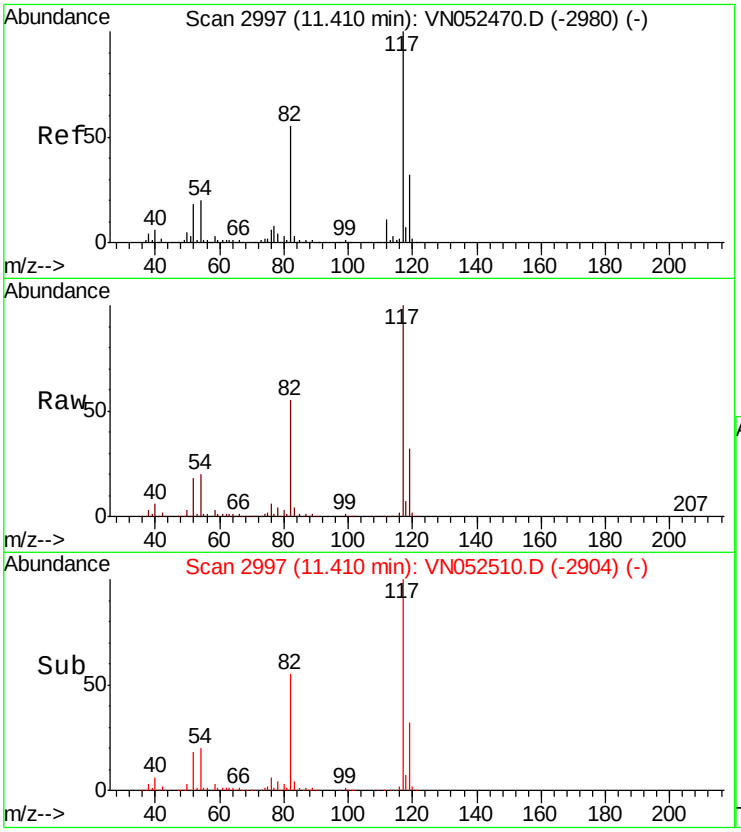


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Tgt Ion: 95 Resp: 670303

Ion	Ratio	Lower	Upper
95	100		
174	86.3	0.0	173.0
176	84.3	0.0	166.2



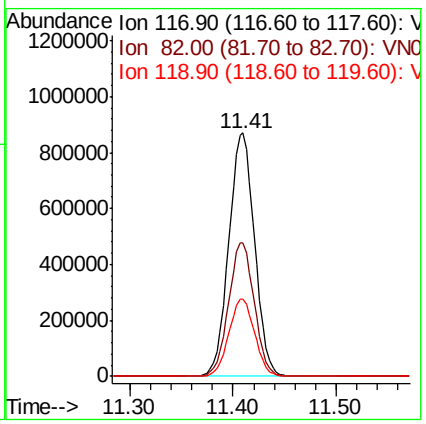


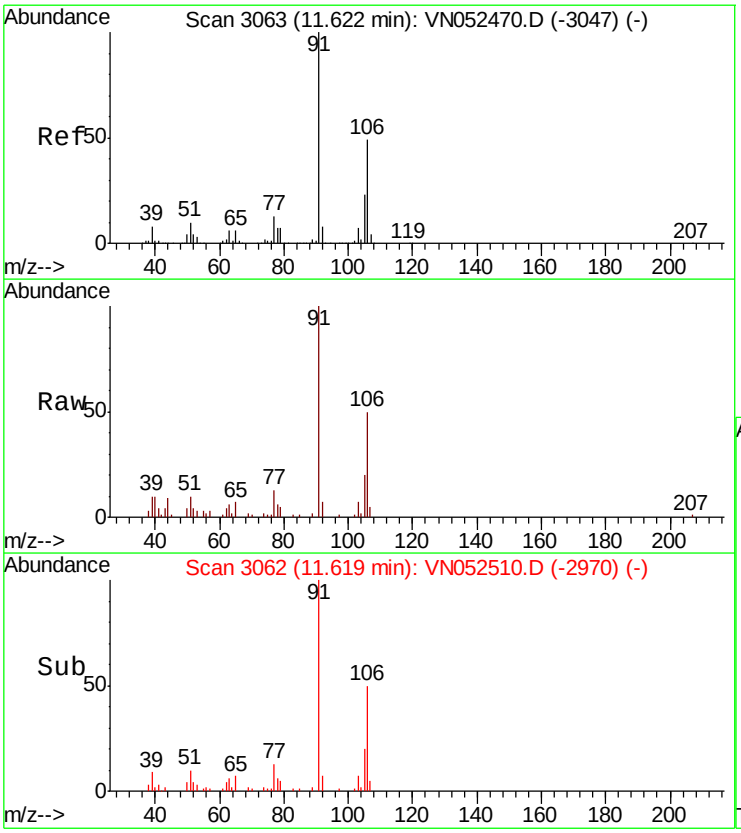
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Instrument :
MSVOA_N
ClientSampleId :
RICH-REC-ROAD-STONE-7ME

Tgt Ion:117 Resp: 1512455

Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.6	65.4
119	31.9	25.4	38.2

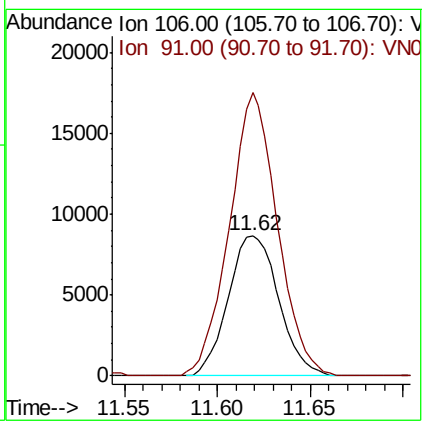


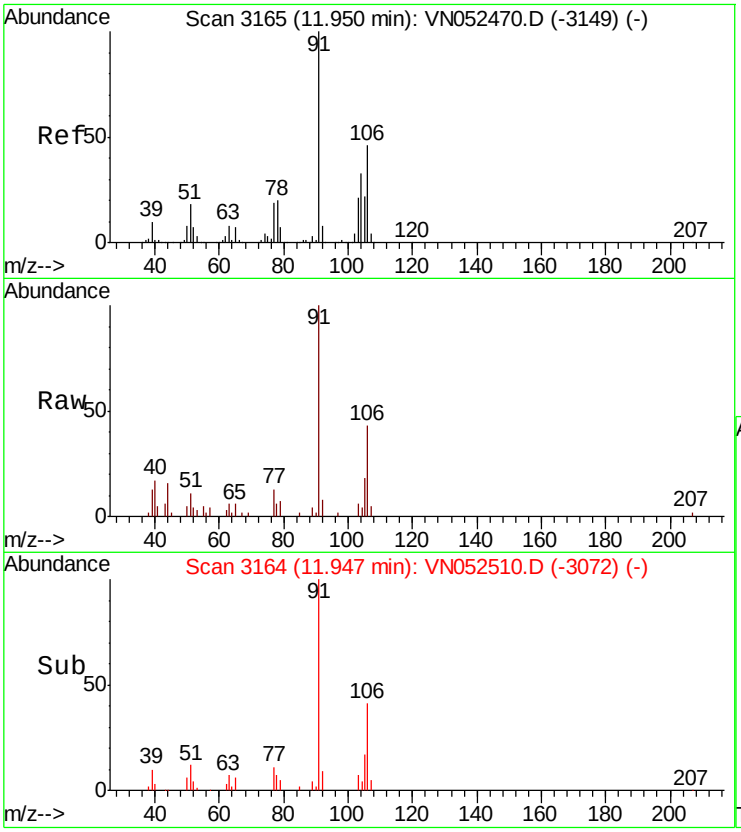


#68
m/p-Xylenes
Concen: 0.805 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Tgt Ion:106 Resp: 16374

Ion	Ratio	Lower	Upper
106	100		
91	192.4	163.2	244.8



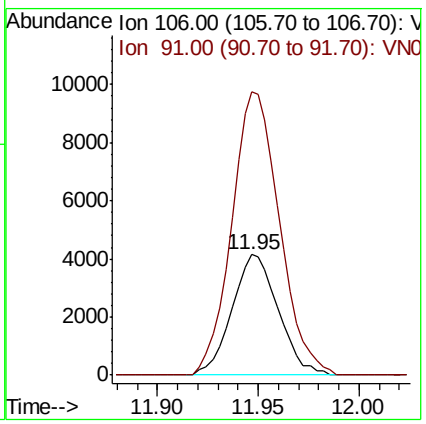


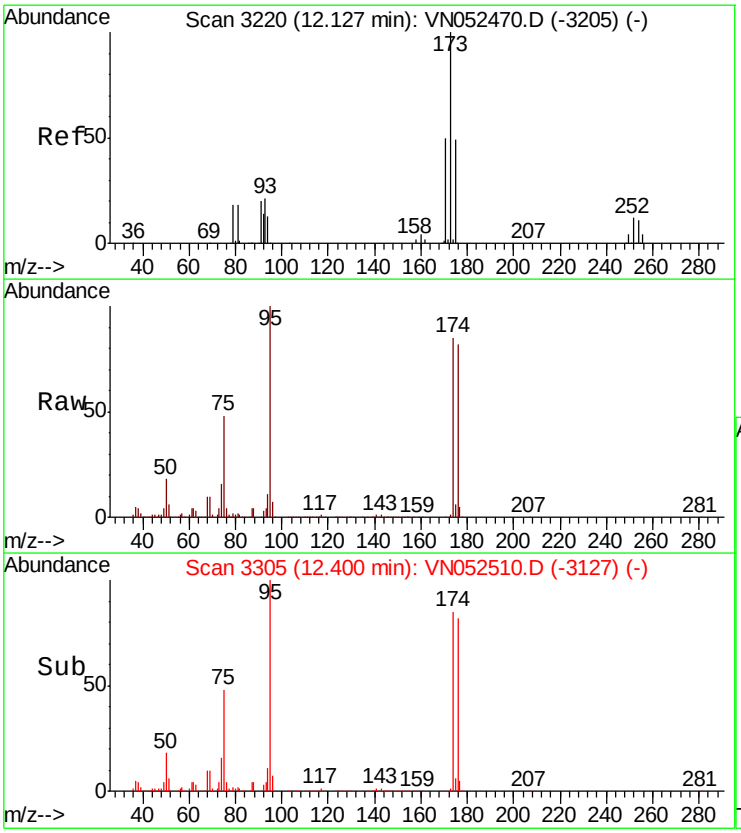
#69
o-Xylene
Concen: 0.338 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Instrument :
MSVOA_N
ClientSampleId :
RICH-REC-ROAD-STONE-7ME

Tgt Ion:106 Resp: 6674

Ion	Ratio	Lower	Upper
106	100		
91	241.4	107.7	323.1

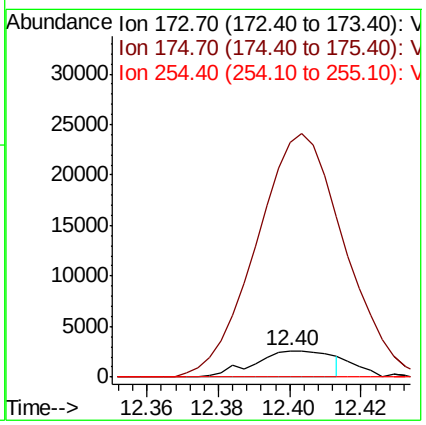


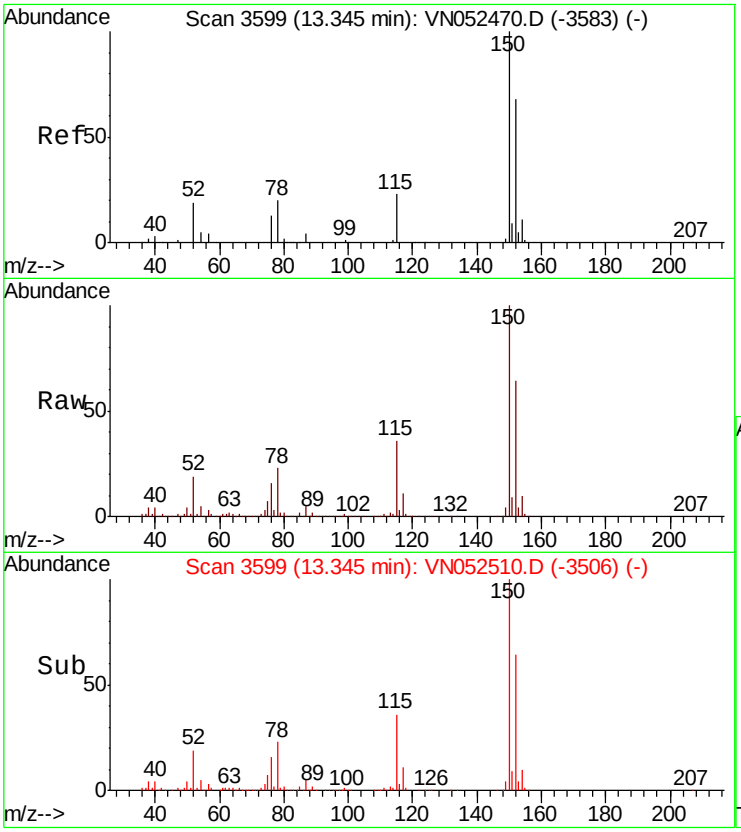


#71
Bromoform
Concen: 0.545 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Tgt Ion:173 Resp: 3912

Ion	Ratio	Lower	Upper
173	100		
175	883.6	24.4	73.2#
254	0.0	0.1	0.1#



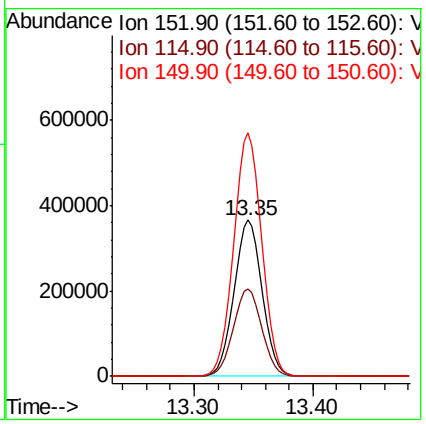


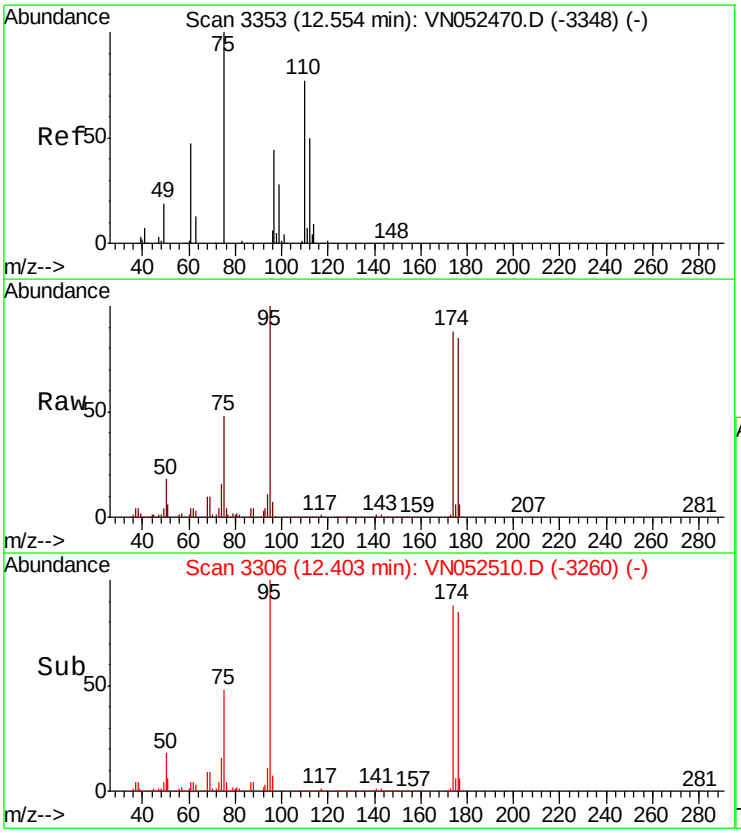
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Instrument :
MSVOA_N
ClientSampleId :
RICH-REC-ROAD-STONE-7ME

Tgt Ion:152 Resp: 594462

Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.4	85.2
150	156.4	0.0	346.0

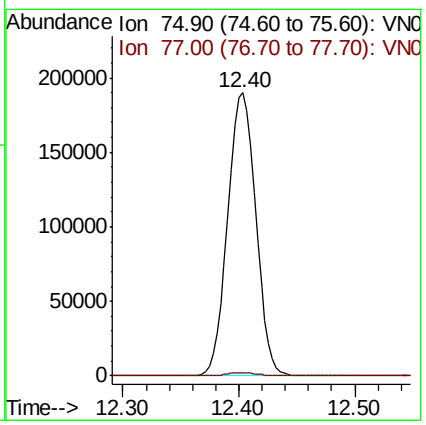


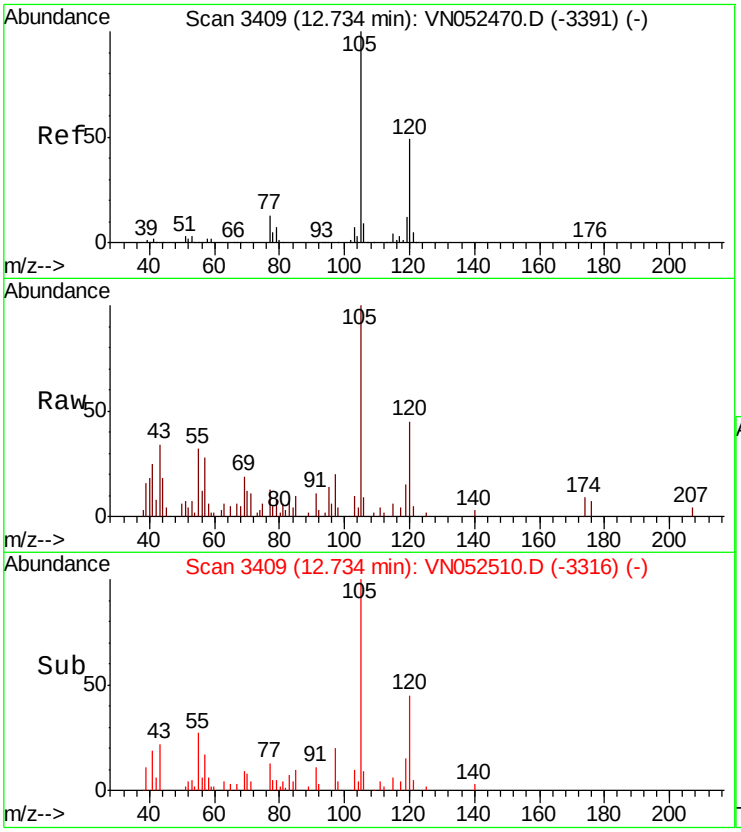


#76
1,2,3-Trichloropropane
Concen: 34.875 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Tgt Ion: 75 Resp: 319695

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



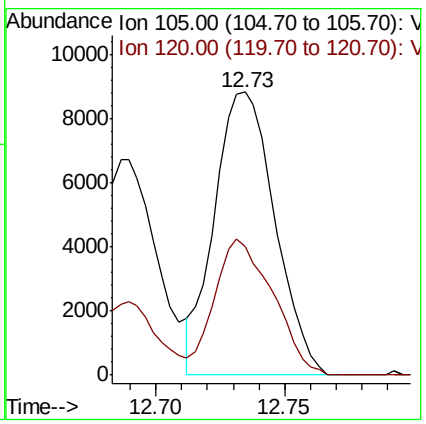


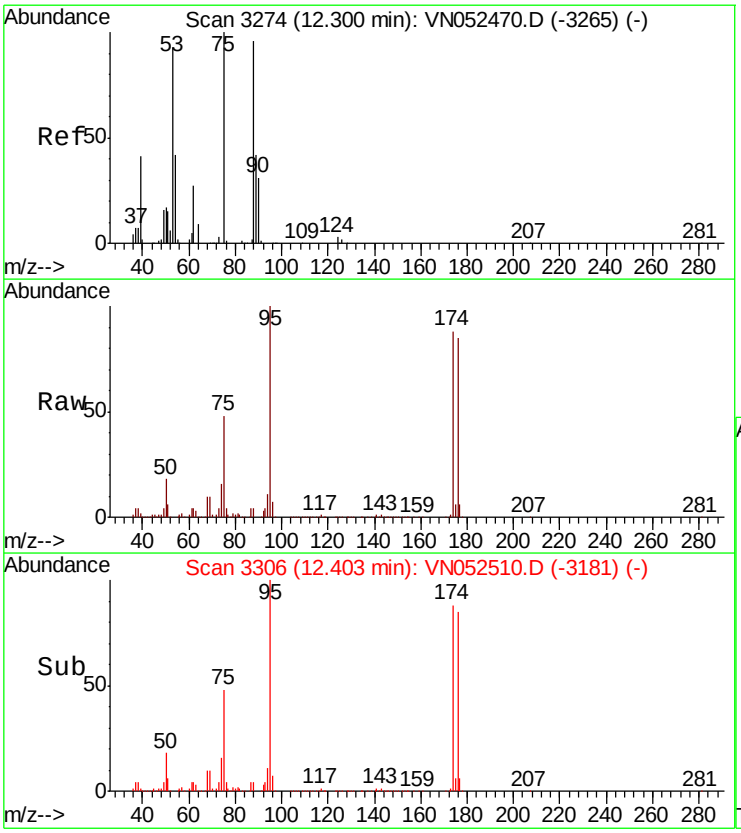
#80
1,3,5-Trimethylbenzene
Concen: 0.388 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Instrument :
MSVOA_N
ClientSampleId :
RICH-REC-ROAD-STONE-7ME

Tgt Ion:105 Resp: 14445

Ion	Ratio	Lower	Upper
105	100		
120	46.5	24.3	73.0

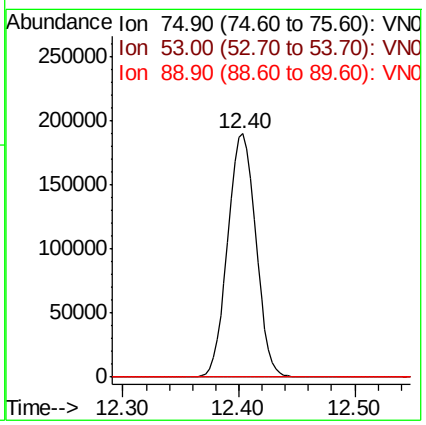


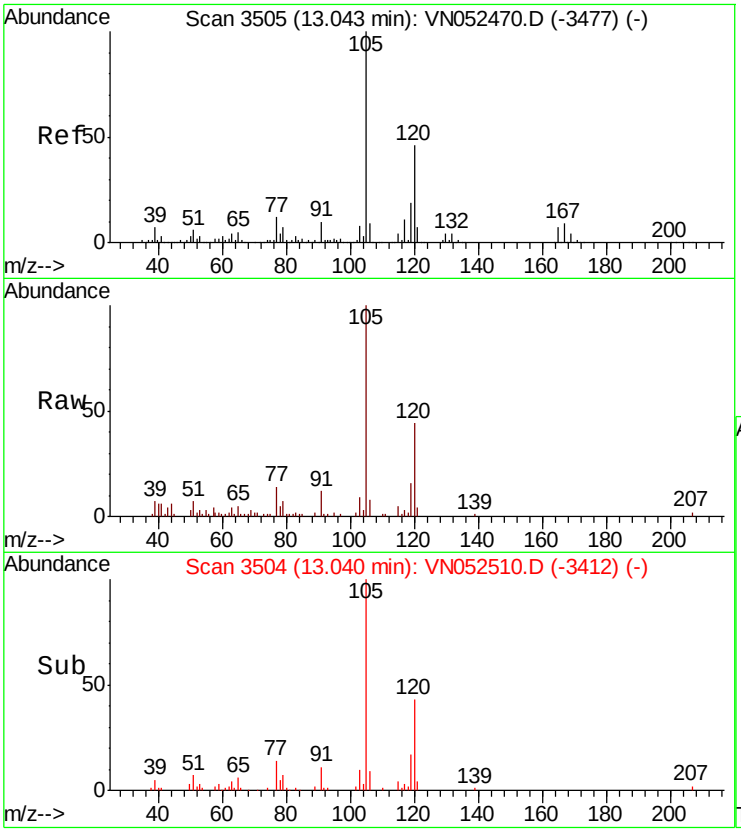


#81
trans-1,4-Dichloro-2-butene
Concen: 116.465 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Tgt Ion: 75 Resp: 319695

Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.4	116.0#
89	0.0	35.4	53.2#



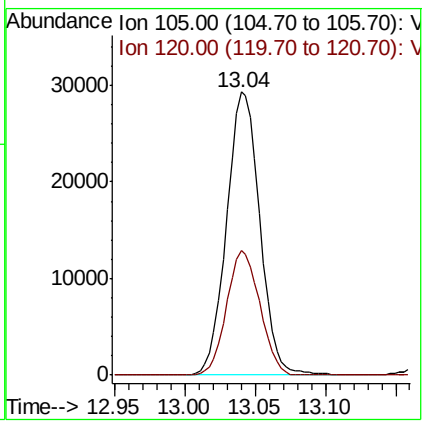


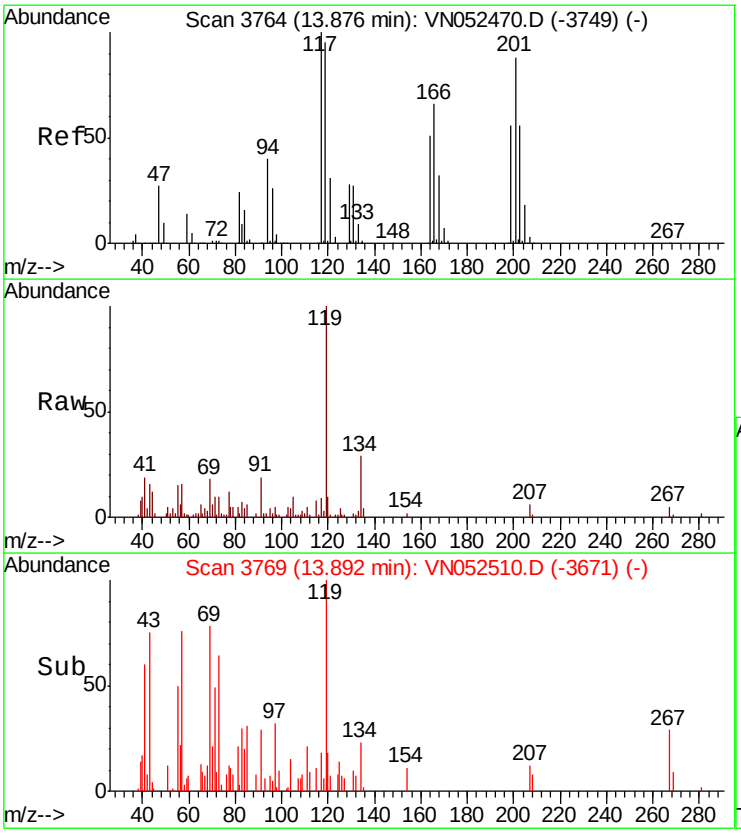
#84
1,2,4-Trimethylbenzene
Concen: 1.297 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Instrument :
MSVOA_N
ClientSampleId :
RICH-REC-ROAD-STONE-7ME

Tgt Ion:105 Resp: 48362

Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.8	68.4

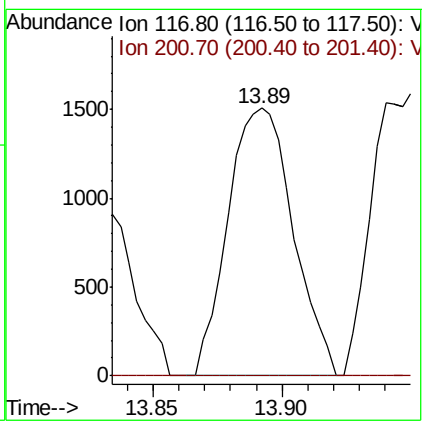


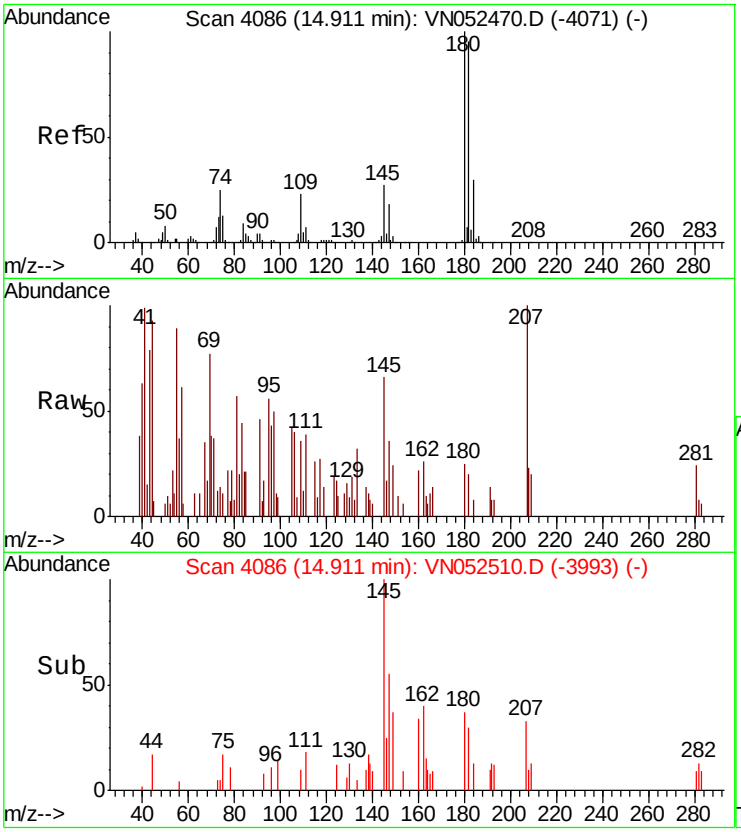


#90
Hexachloroethane
Concen: 0.407 ug/l
RT: 13.89 min Scan# 3769
Delta R.T. 0.02 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Tgt Ion:117 Resp: 2652

Ion	Ratio	Lower	Upper
117	100		
201	0.0	43.6	130.9#



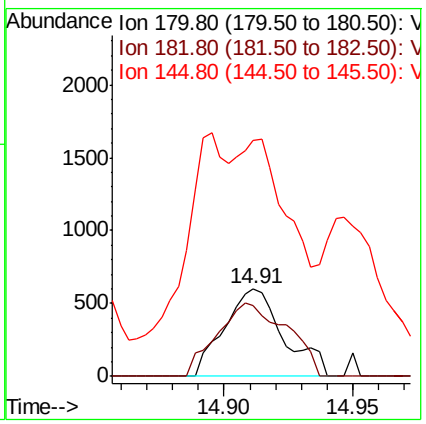


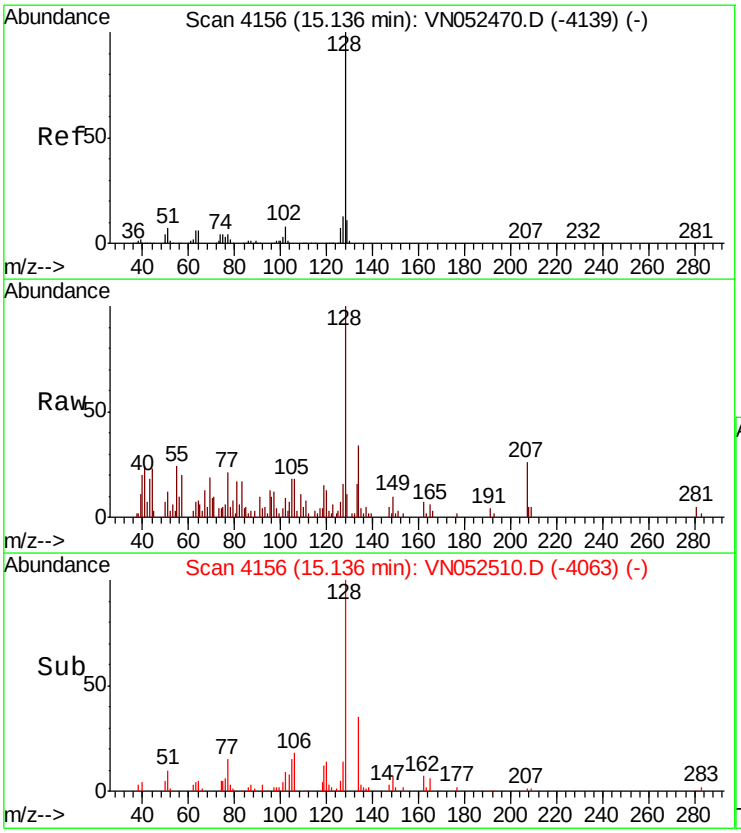
#93
1,2,4-Trichlorobenzene
Concen: 2.915 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Instrument :
MSVOA_N
ClientSampleId :
RICH-REC-ROAD-STONE-7ME

Tgt Ion:180 Resp: 959

Ion	Ratio	Lower	Upper
180	100		
182	99.1	47.8	143.4
145	156.4	14.1	42.3#

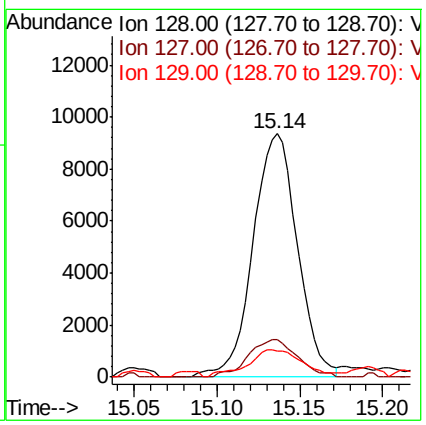


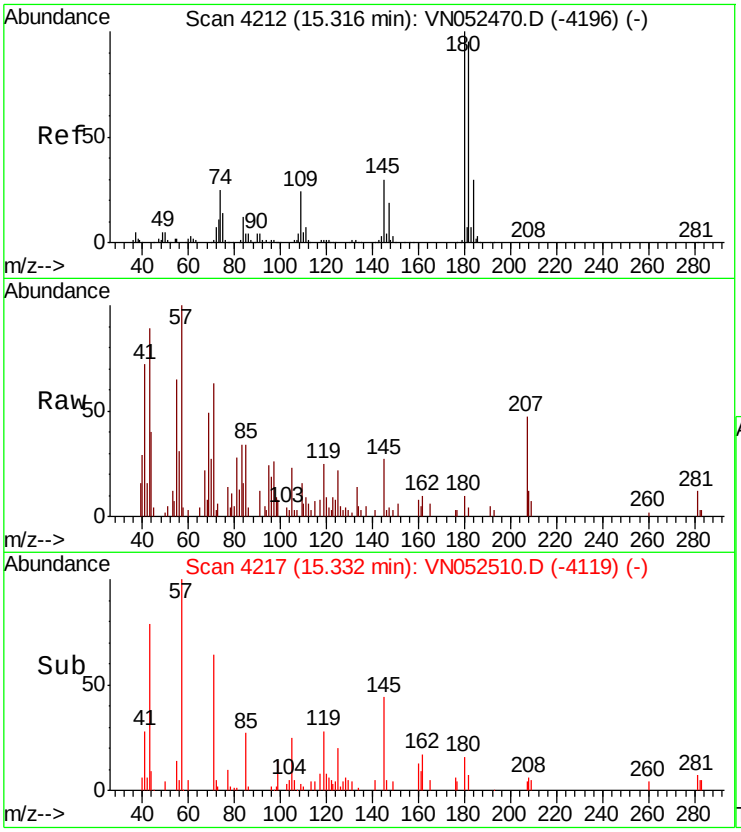


#95
Naphthalene
Concen: 4.156 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Tgt Ion:128 Resp: 17487

Ion	Ratio	Lower	Upper
128	100		
127	16.9	10.2	15.2#
129	14.1	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 2.868 ug/l
RT: 15.33 min Scan# 4217
Delta R.T. 0.02 min
Lab File: VN052510.D
Acq: 28 Nov 2018 10:57

Instrument :
MSVOA_N
ClientSampleId :
RICH-REC-ROAD-STONE-7ME

Tgt Ion:180 Resp: 1443

Ion	Ratio	Lower	Upper
180	100		
182	48.6	47.8	143.3
145	204.2	15.2	45.5#