Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081819\
Data File : VN057375.D
Acq On : 17 Aug 2019 00:02
Operator : JC/SP
Sample : K4356-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : TP-6

Quant Time: Aug 17 03:48:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1090887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1517841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1271543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	329808	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	498776	42.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.12%			
35) Dibromofluoromethane	7.58	113	459829	46.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.44%			
50) Toluene-d8	10.09	98	1745342	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.92%			
62) 4-Bromofluorobenzene	12.40	95	471115	36.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 73.26%			
Target Compounds						Qvalue
8) Diethyl Ether	3.41	74	2465	0.401	ug/l	86
11) Tert butyl alcohol	4.75	59	9372	5.559	ug/l #	73
13) Acrolein	3.61	56	314	0.307	ug/l #	14
16) Acetone	3.81	43	51357	12.484	ug/l	97
17) Carbon Disulfide	4.06	76	8134	0.315	ug/l	97
18) Methyl Acetate	4.32	43	32237	0.539	ug/l #	67
20) Methylene Chloride	4.55	84	20814	1.808	ug/l	88
25) 2-Butanone	6.82	43	16663	2.797	ug/l	98
31) Cyclohexane	7.66	56	16148	0.999	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	65453	4.884	ug/l #	47
38) Carbon Tetrachloride	7.66	117	93398	6.708	ug/l #	16
43) Isopropyl Acetate	8.16	43	312055	14.750	ug/l #	71
45) 1,2-Dichloropropane	9.26	63	2599	0.246	ug/l #	44
48) Methyl methacrylate	9.18	41	7270	0.804	ug/l #	11
49) 1,4-Dioxane	9.26	88	125	0.658	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	8546	0.755	ug/l	91
54) cis-1,3-Dichloropropene	9.90	75	62302	3.740	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	9305	0.555	ug/l #	43
59) 2-Hexanone	10.76	43	121518	14.927	ug/l #	51
71) Bromoform	12.40	173	3028	0.386	ug/l #	1
73) Isopropylbenzene	12.25	105	267	Below Cal	#	49
74) N-amyl acetate	12.03	43	3890	0.406	ug/l #	43
76) 1,2,3-Trichloropropane	12.40	75	215269	32.496	ug/l #	100
77) Bromobenzene	12.41	156	73	Below Cal	#	1
79) 2-Chlorotoluene	12.68	91	137	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	1885	Below Cal		99
81) trans-1,4-Dichloro-2-buten	12.40	75	215269	79.590	ug/l #	15
83) tert-Butylbenzene	12.99	119	213	Below Cal	#	28
85) sec-Butylbenzene	13.17	105	365	Below Cal	#	72
93) 1,2,4-Trichlorobenzene	14.91	180	149	5.387	ug/l #	12
95) Naphthalene	15.13	128	407	Below Cal	#	69
96) 1,2,3-Trichlorobenzene	15.29	180	62	Below Cal	#	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081819\
Data File : VN057375.D
Acq On : 17 Aug 2019 00:02
Operator : JC/SP
Sample : K4356-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-6

Quant Time: Aug 17 03:48:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081819\
Data File : VN057375.D
Acq On : 17 Aug 2019 00:02
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Quant Time: Aug 17 03:48:45 2019
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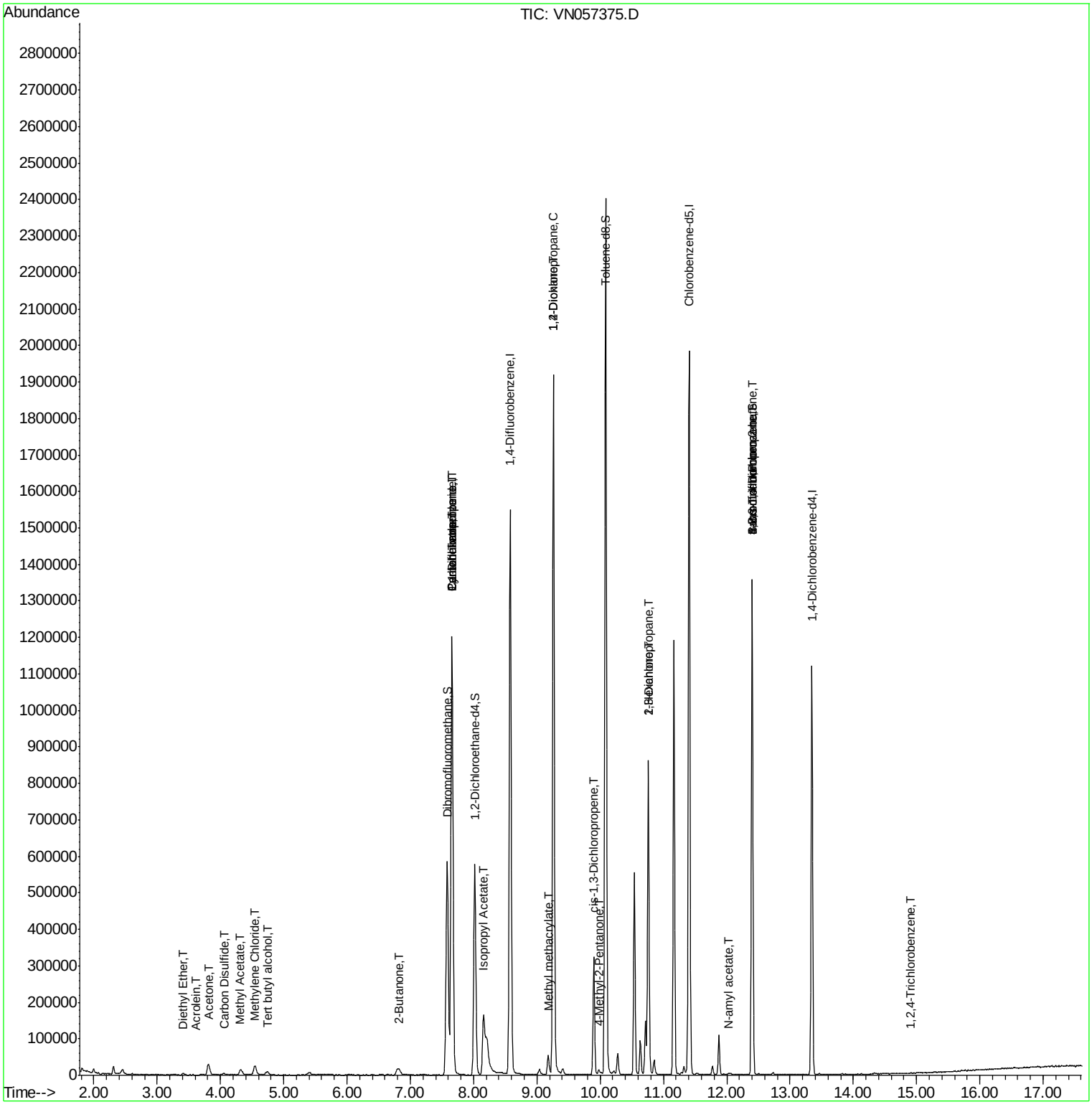
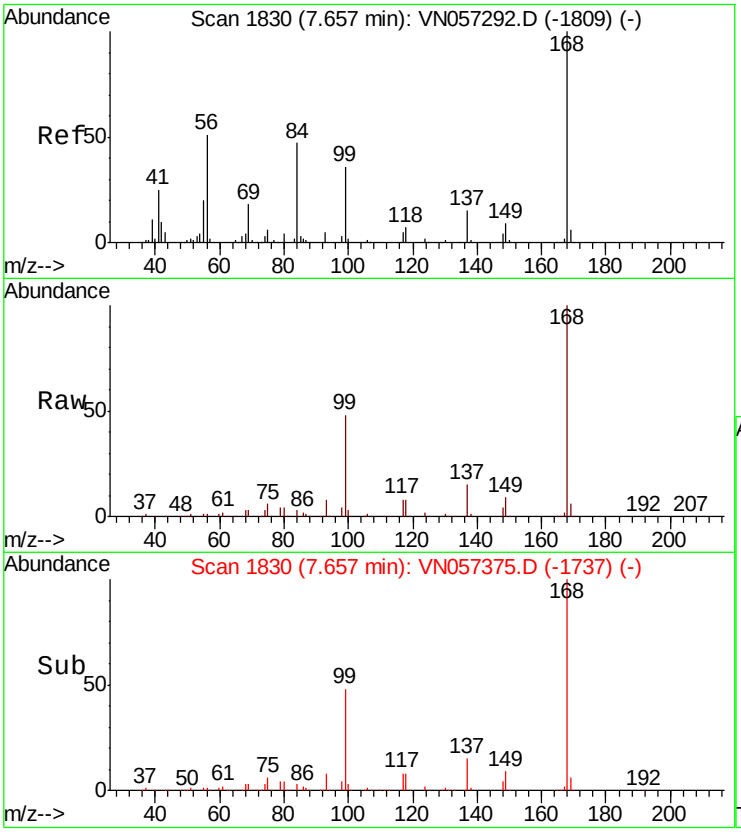
Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration



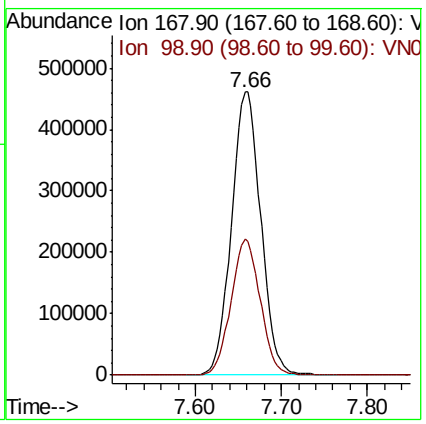


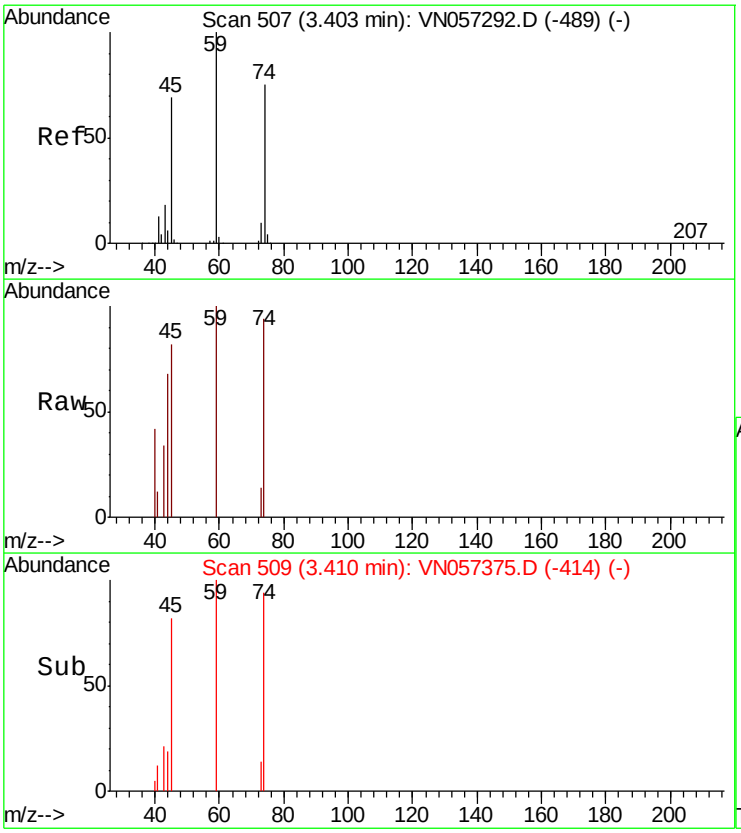
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Instrument :
MSVOA_N
ClientSampleId :
TP-6

Tgt Ion:168 Resp: 1090887

Ion	Ratio	Lower	Upper
168	100		
99	47.9	39.4	59.2

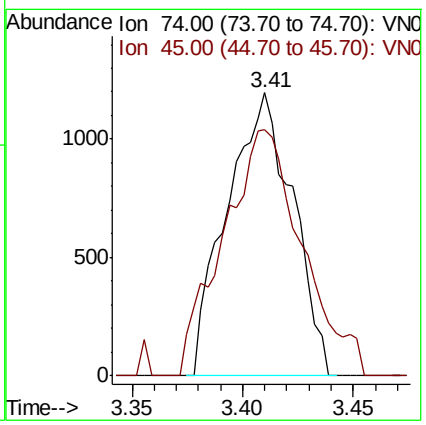


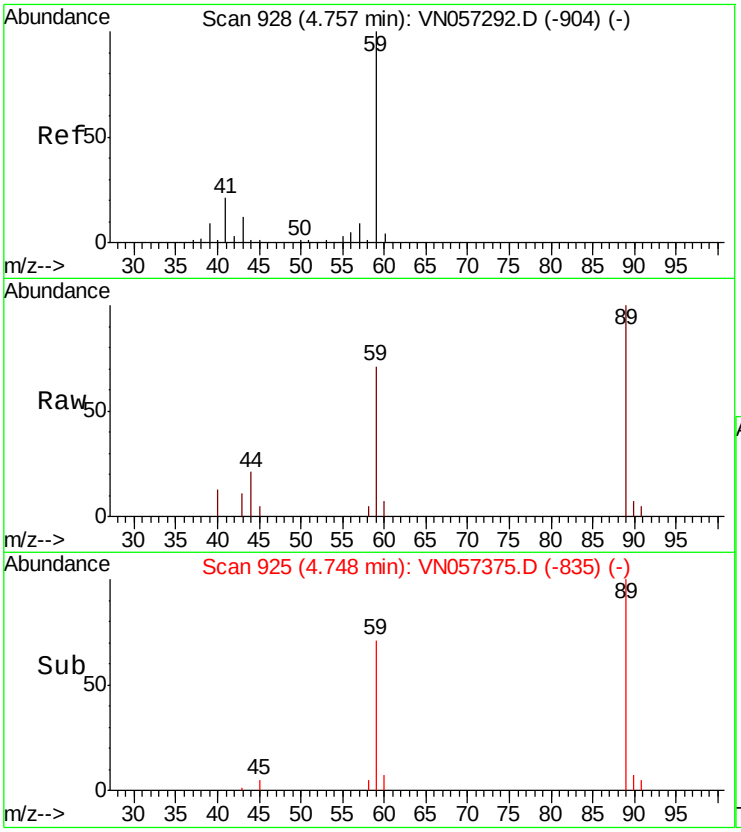


#8
Diethyl Ether
Concen: 0.401 ug/l
RT: 3.41 min Scan# 509
Delta R.T. 0.01 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Tgt Ion: 74 Resp: 2465

Ion	Ratio	Lower	Upper
74	100		
45	105.0	45.9	137.6



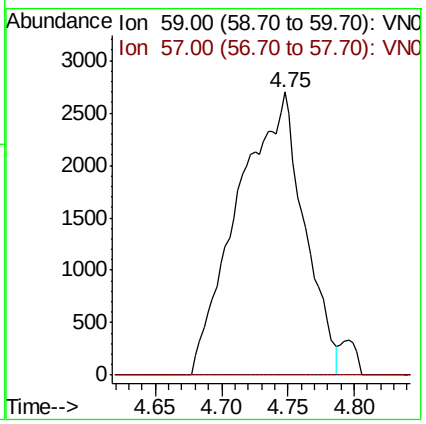


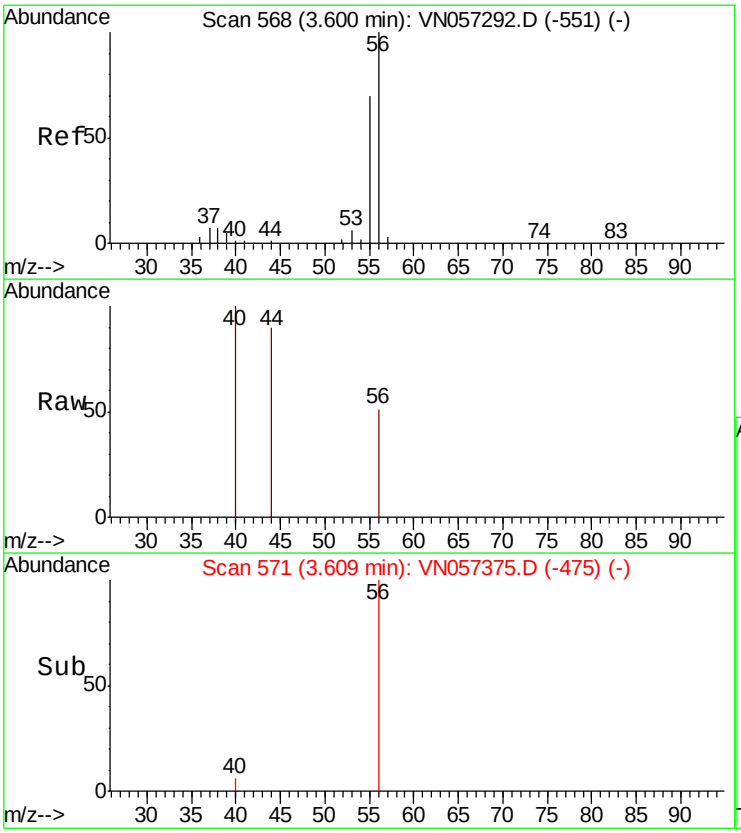
#11
Tert butyl alcohol
Concen: 5.559 ug/l
RT: 4.75 min Scan# 925
Delta R.T. -0.01 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Instrument : MSVOA_N
ClientSampleId : TP-6

Tgt Ion: 59 Resp: 9372

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

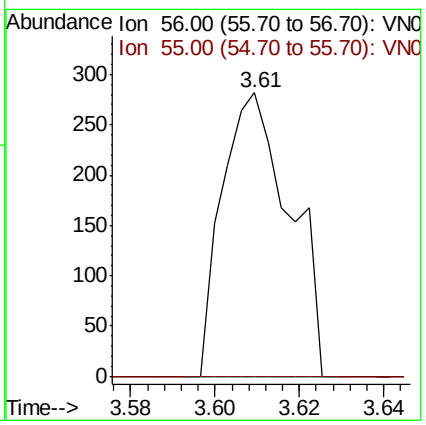


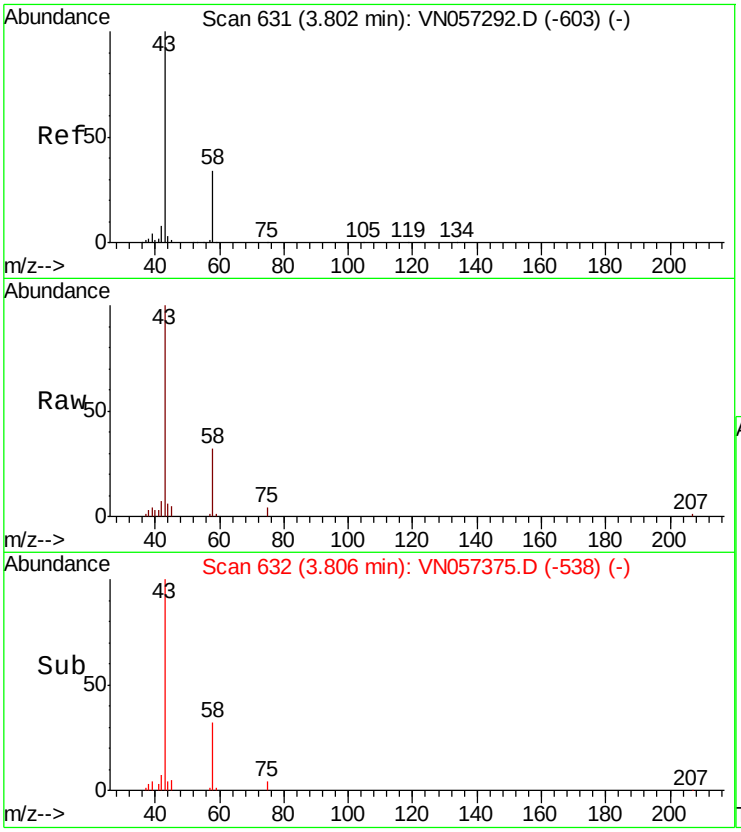


#13
Acrolein
Concen: 0.307 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.01 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Tgt Ion: 56 Resp: 314

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.6	84.8#



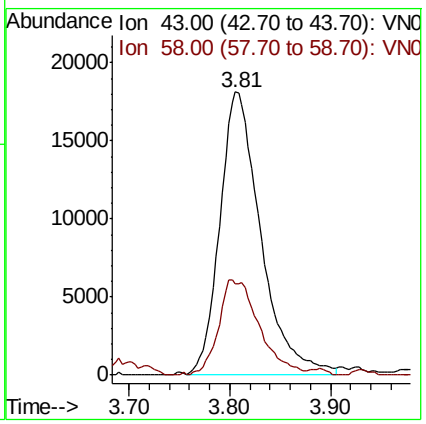


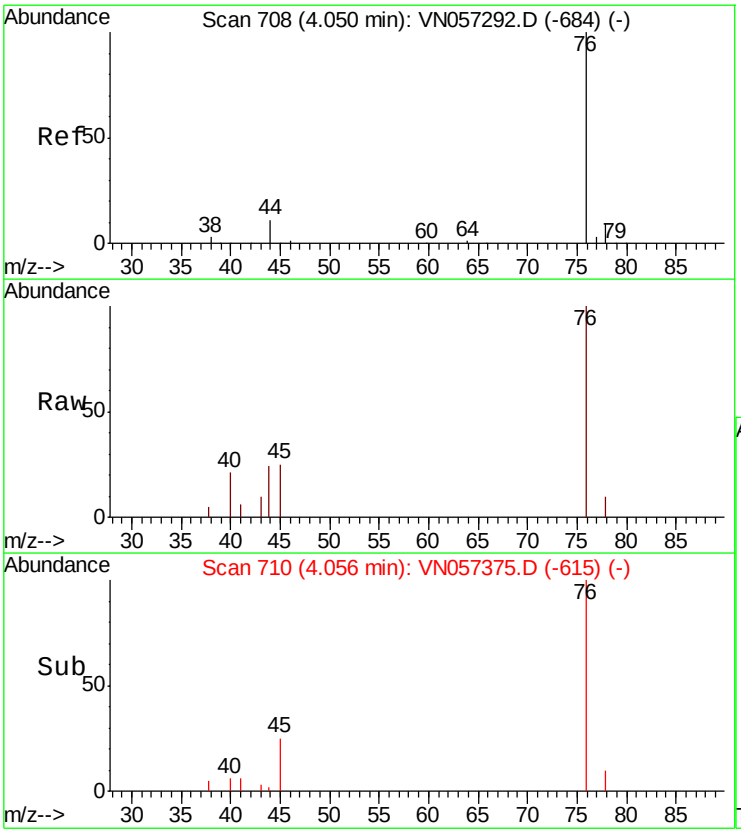
#16
Acetone
Concen: 12.484 ug/l
RT: 3.81 min Scan# 632
Delta R.T. 0.00 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Instrument : MSVOA_N
ClientSampleId : TP-6

Tgt Ion: 43 Resp: 51357

Ion	Ratio	Lower	Upper
43	100		
58	32.2	27.0	40.6

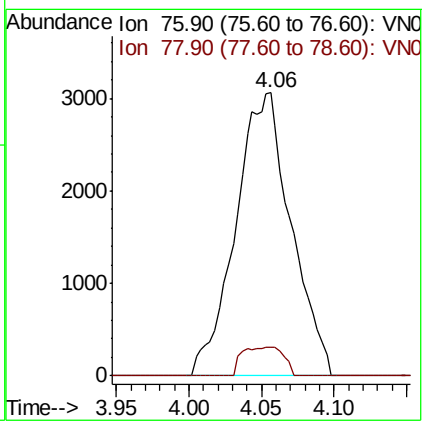


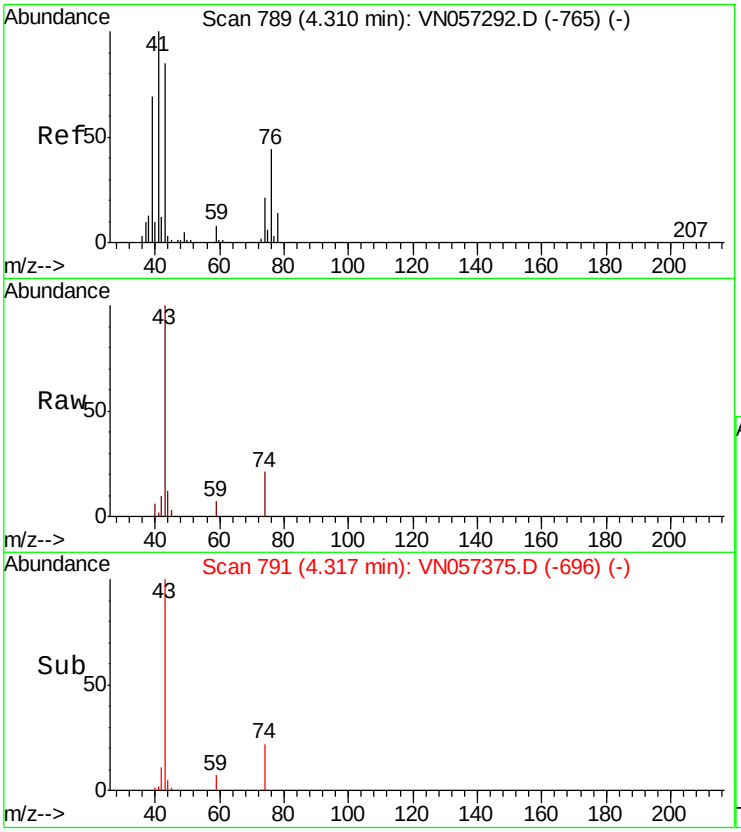


#17
Carbon Disulfide
Concen: 0.315 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.01 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Tgt Ion: 76 Resp: 8134

Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.0	10.6



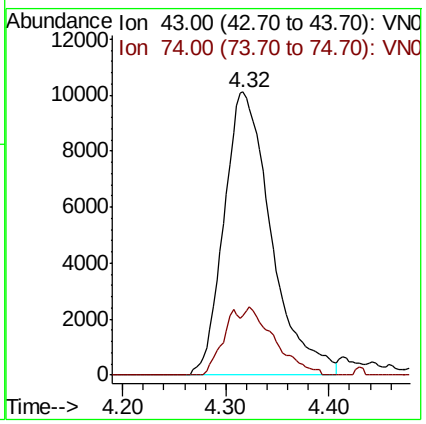


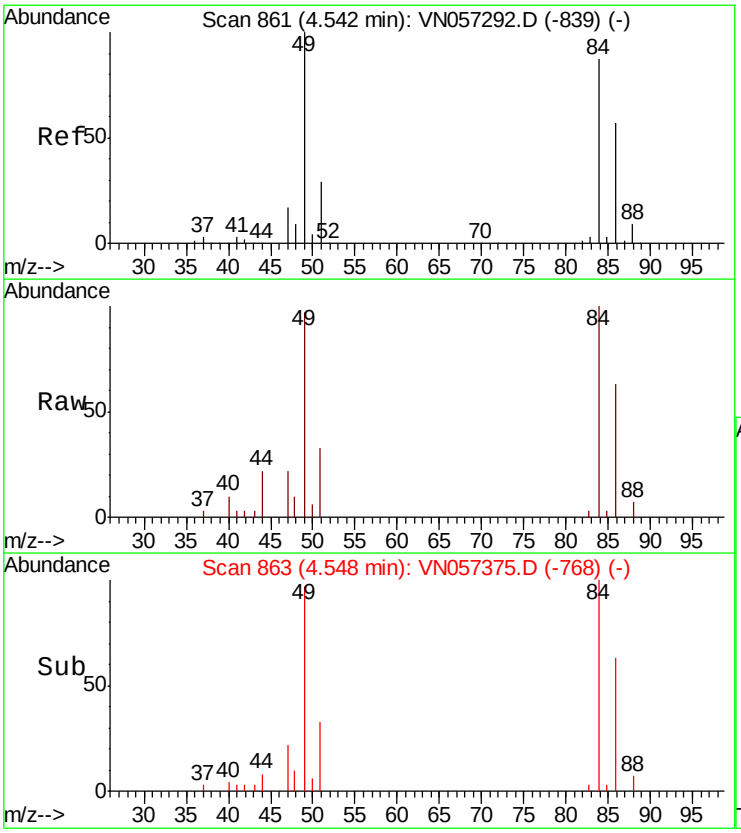
#18
Methyl Acetate
Concen: 0.539 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Instrument : MSVOA_N
ClientSampleId : TP-6

Tgt Ion: 43 Resp: 32237

Ion	Ratio	Lower	Upper
43	100		
74	8.7	20.2	30.2#

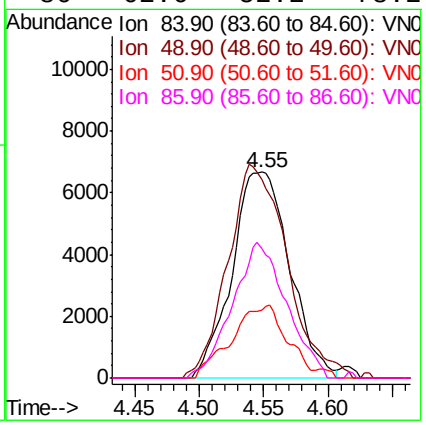


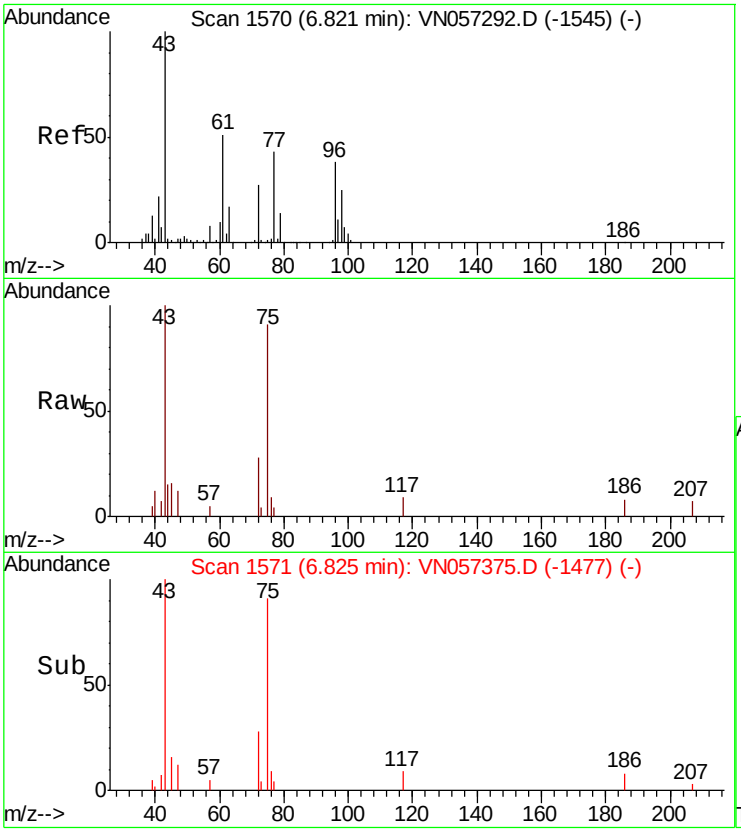


#20
Methylene Chloride
Concen: 1.808 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.01 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Tgt Ion: 84 Resp: 20814

Ion	Ratio	Lower	Upper
84	100		
49	94.0	92.0	138.0
51	32.8	27.1	40.7
86	62.6	52.2	78.2



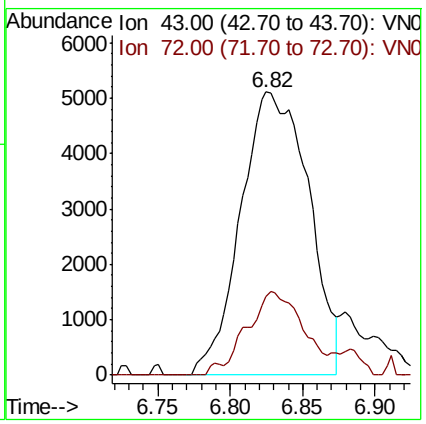


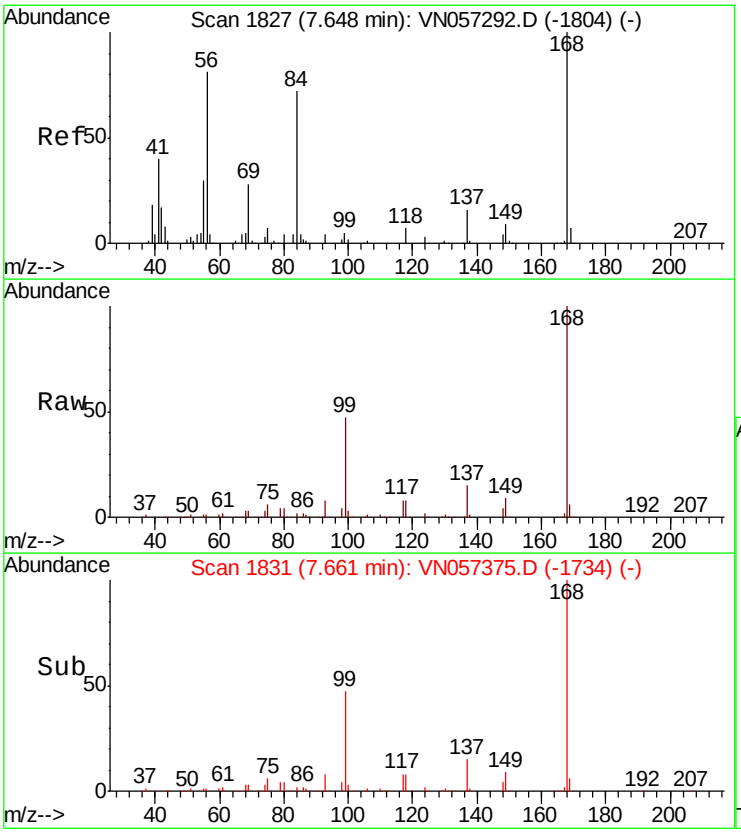
#25
2-Butanone
Concen: 2.797 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Instrument :
MSVOA_N
ClientSampleId :
TP-6

Tgt Ion: 43 Resp: 16663

Ion	Ratio	Lower	Upper
43	100		
72	28.0	21.5	32.3

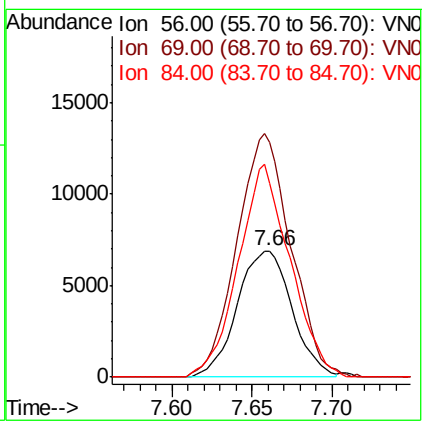


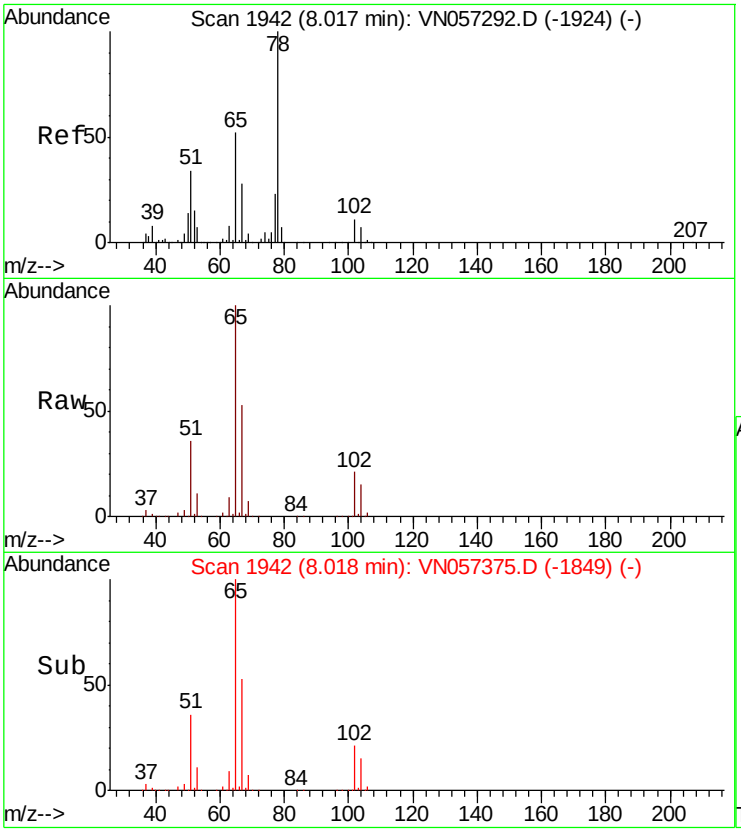


#31
Cyclohexane
Concen: 0.999 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Tgt Ion: 56 Resp: 16148

Ion	Ratio	Lower	Upper
56	100		
69	185.6	27.3	40.9#
84	153.5	71.0	106.6#



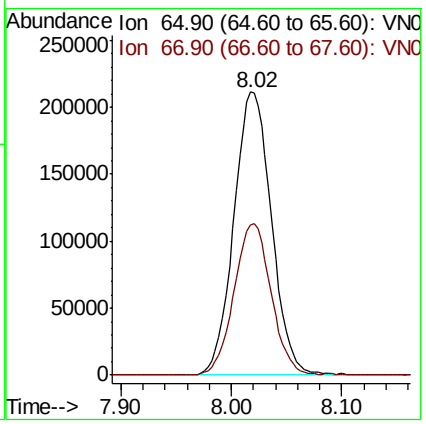


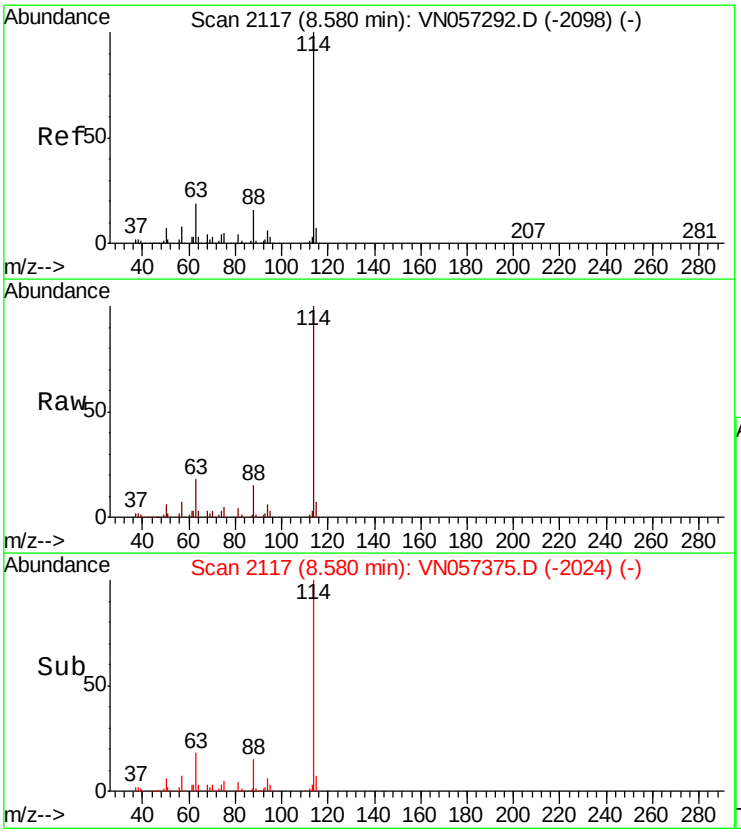
#33
1,2-Dichloroethane-d4
Concen: 42.058 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Instrument :
MSVOA_N
ClientSampleId :
TP-6

Tgt Ion: 65 Resp: 498776

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	107.4

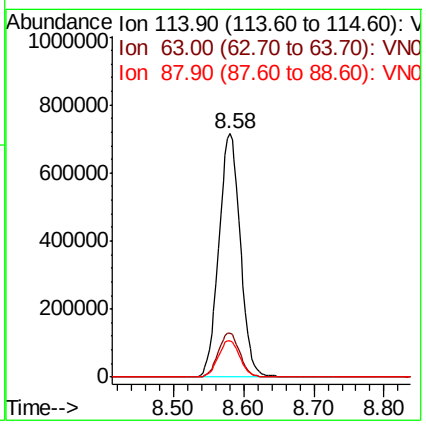


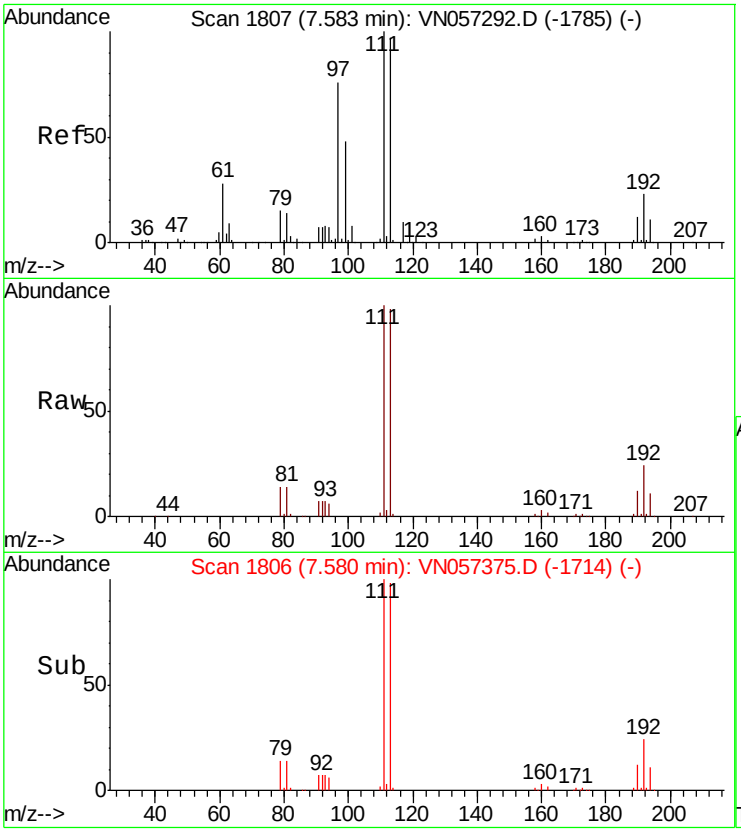


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2117
Delta R.T. 0.00 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Tgt Ion:114 Resp: 1517841

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	38.8
88	15.0	0.0	31.4



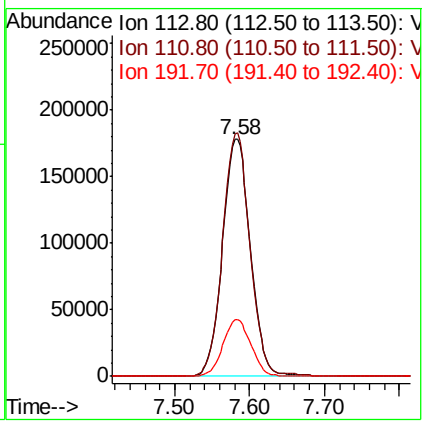


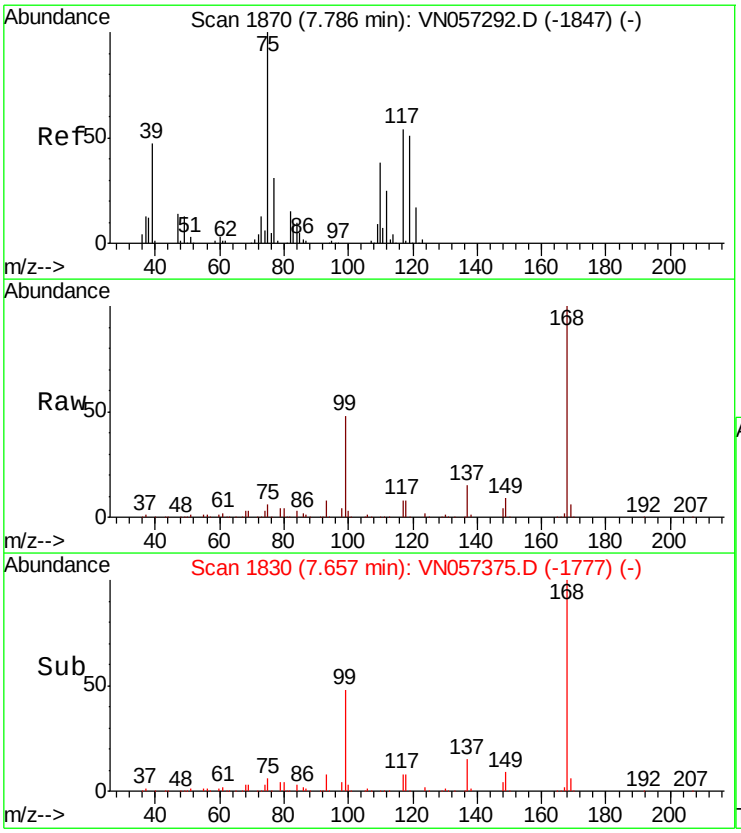
#35
Dibromofluoromethane
Concen: 46.215 ug/l
RT: 7.58 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Instrument :
MSVOA_N
ClientSampleId :
TP-6

Tgt Ion:113 Resp: 459829

Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.1	123.1
192	24.0	19.3	28.9

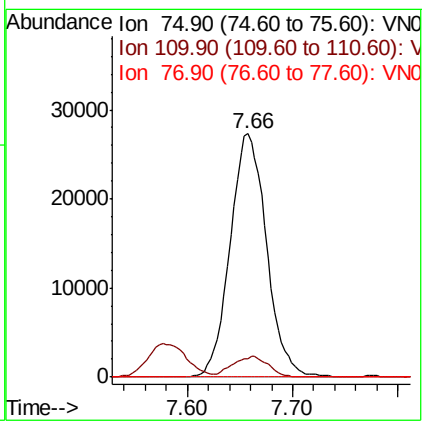


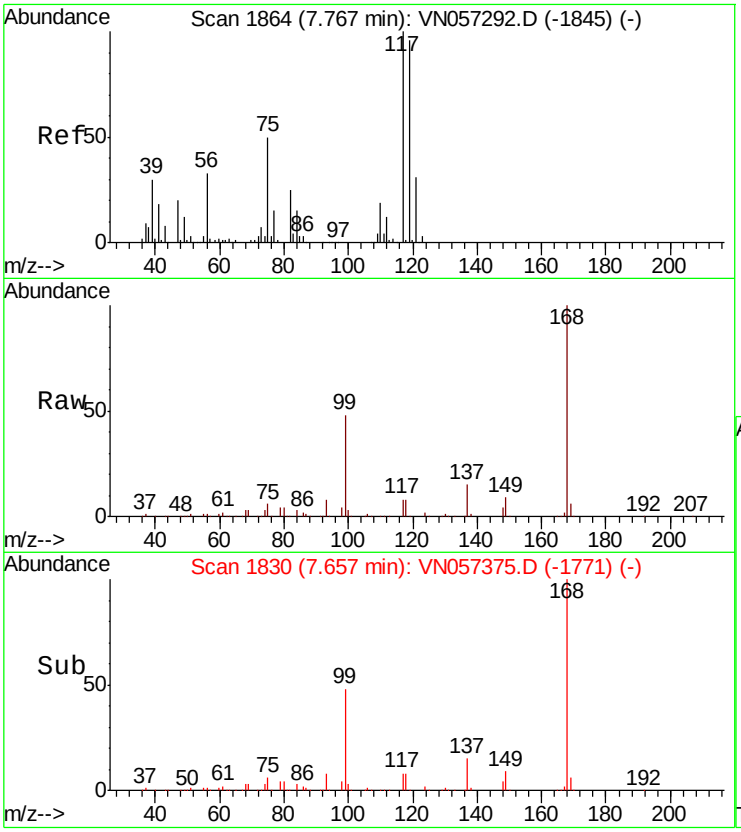


#36
1,1-Dichloropropene
Concen: 4.884 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. -0.13 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Tgt Ion: 75 Resp: 65453

Ion	Ratio	Lower	Upper
75	100		
110	8.4	19.5	58.5#
77	0.0	25.0	37.6#



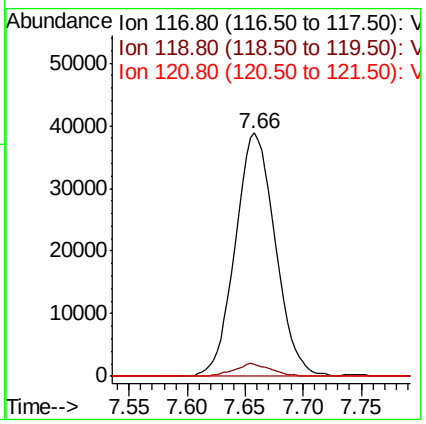


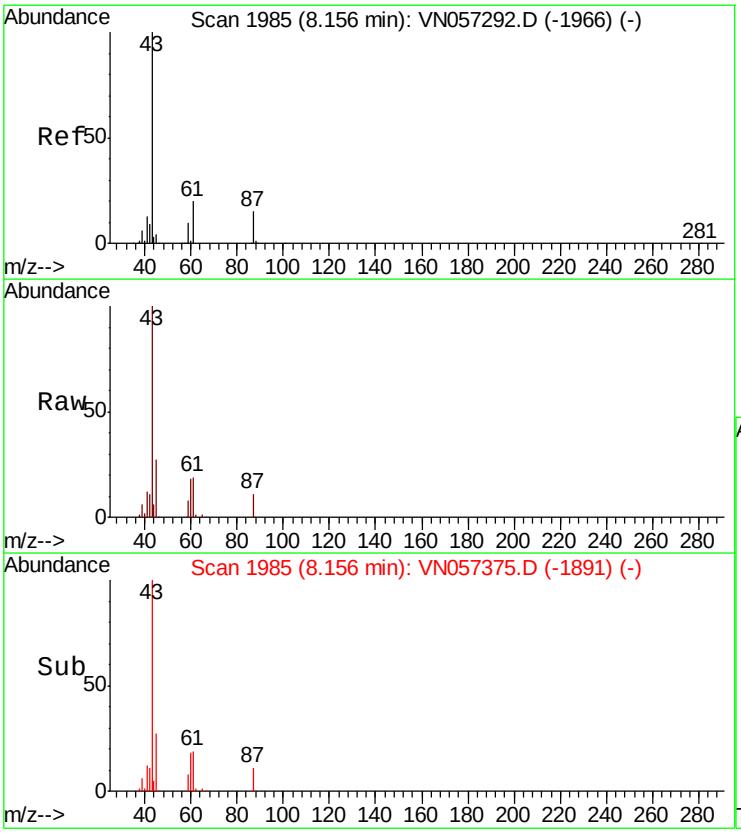
#38
Carbon Tetrachloride
Concen: 6.708 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Instrument :
MSVOA_N
ClientSampleId :
TP-6

Tgt Ion:117 Resp: 93398

Ion	Ratio	Lower	Upper
117	100		
119	5.0	76.8	115.2#
121	0.0	25.0	37.4#

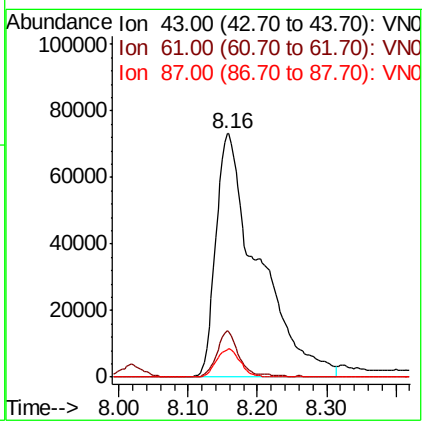


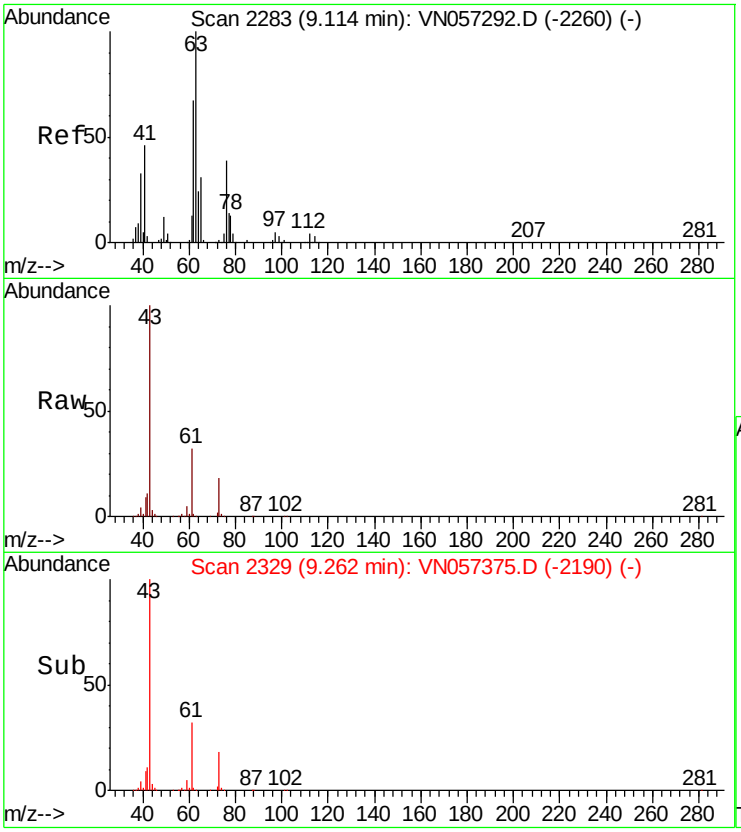


#43
Isopropyl Acetate
Concen: 14.750 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. 0.00 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Tgt Ion: 43 Resp: 312055

Ion	Ratio	Lower	Upper
43	100		
61	9.6	21.6	32.4#
87	6.5	11.4	17.0#



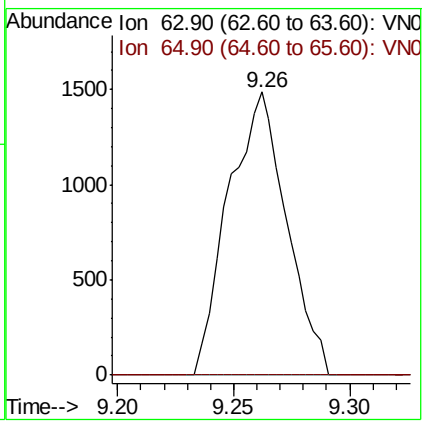


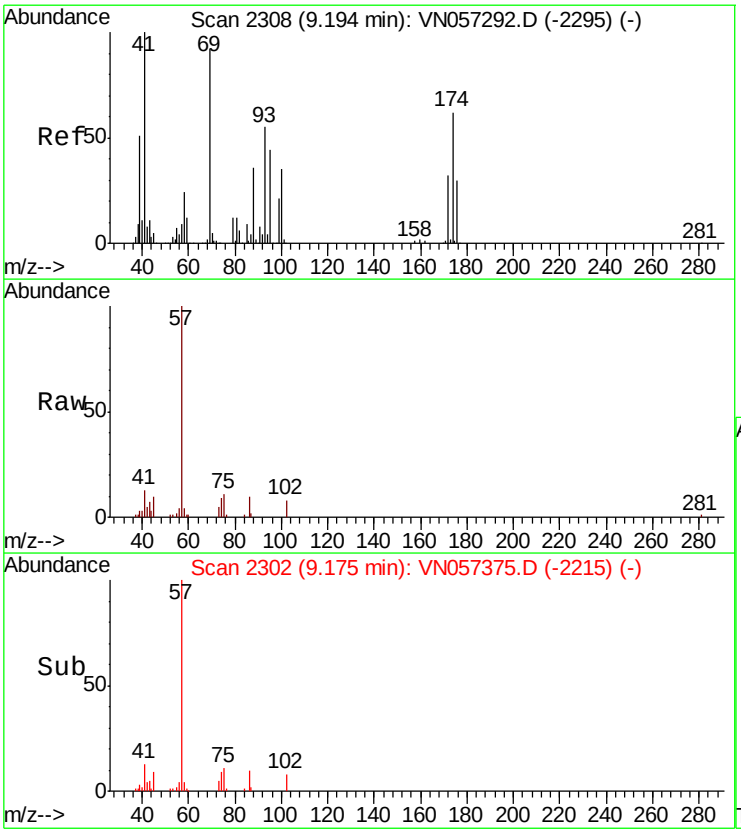
#45
1,2-Dichloropropane
Concen: 0.246 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.15 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Instrument : MSVOA_N
ClientSampleId : TP-6

Tgt Ion: 63 Resp: 2599

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.8	37.2#

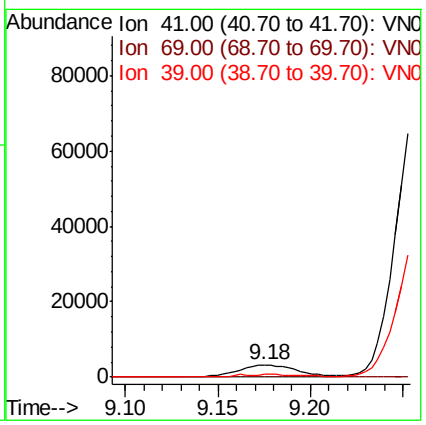


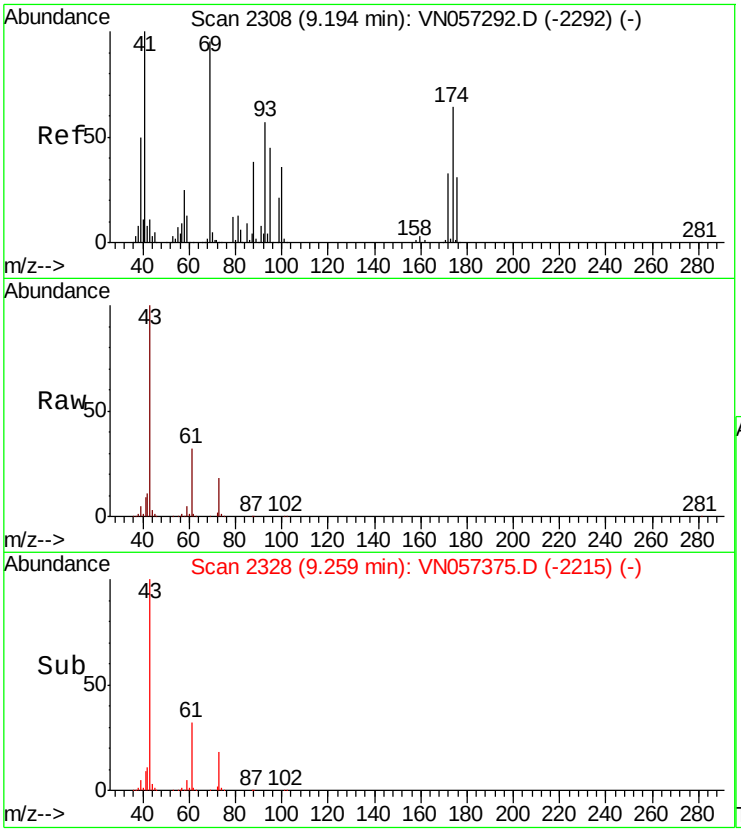


#48
Methyl methacrylate
Concen: 0.804 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Tgt Ion: 41 Resp: 7270

Ion	Ratio	Lower	Upper
41	100		
69	0.4	75.9	113.9#
39	0.0	42.3	63.5#



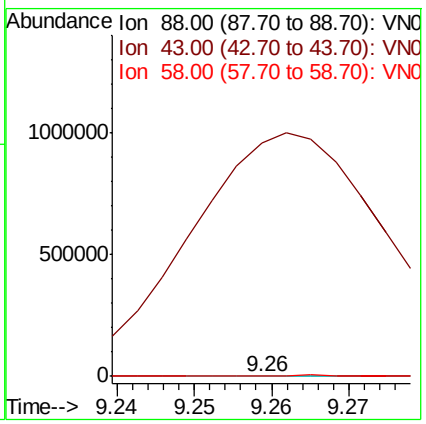


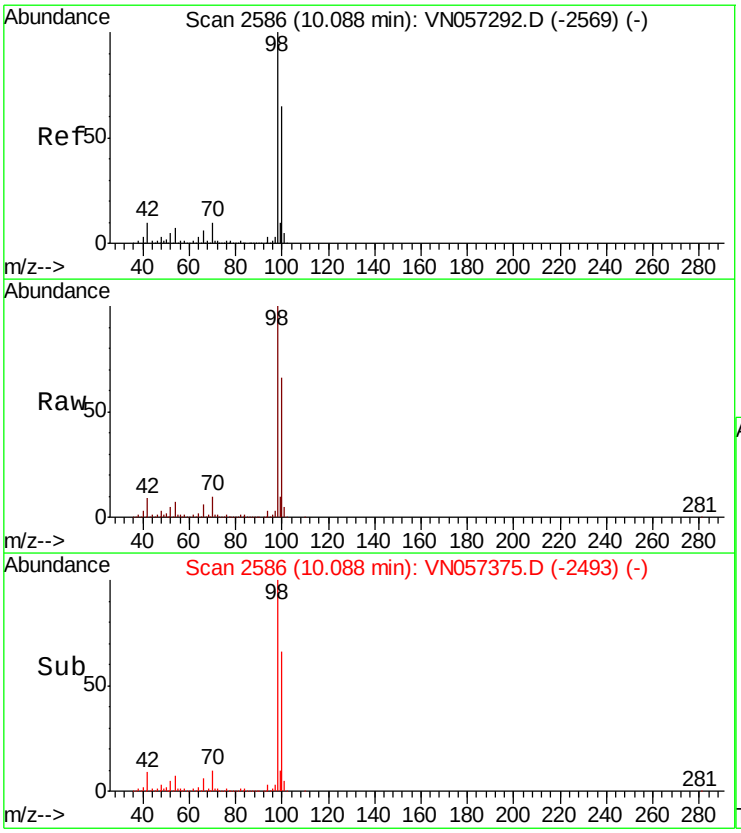
#49
1,4-Dioxane
Concen: 0.658 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.06 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Instrument :
MSVOA_N
ClientSampleId :
TP-6

Tgt Ion: 88 Resp: 125

Ion	Ratio	Lower	Upper
88	100		
43	1502032.0	22.9	34.3#
58	7037.6	52.7	79.1#

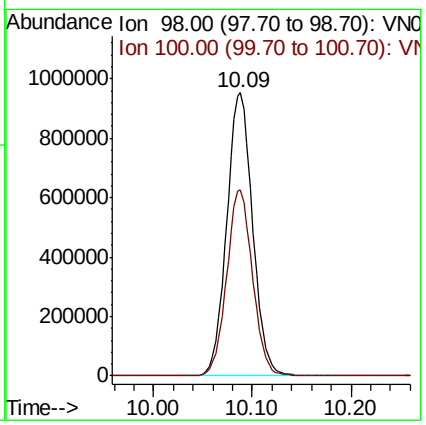


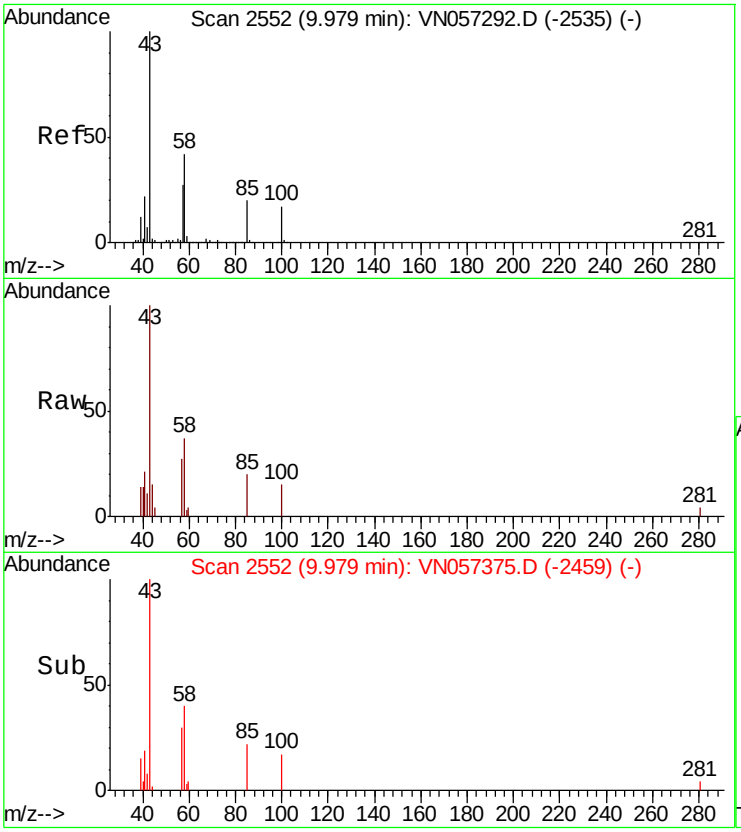


#50
Toluene-d8
Concen: 47.960 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Tgt Ion: 98 Resp: 1745342

Ion	Ratio	Lower	Upper
98	100		
100	65.8	51.9	77.9



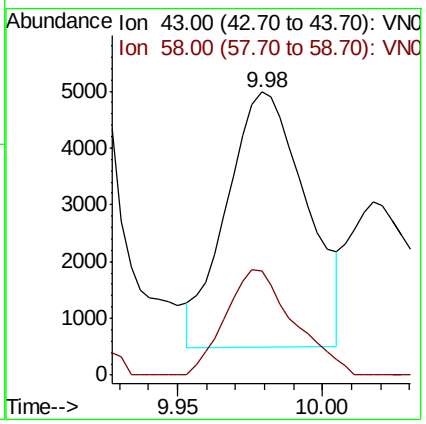


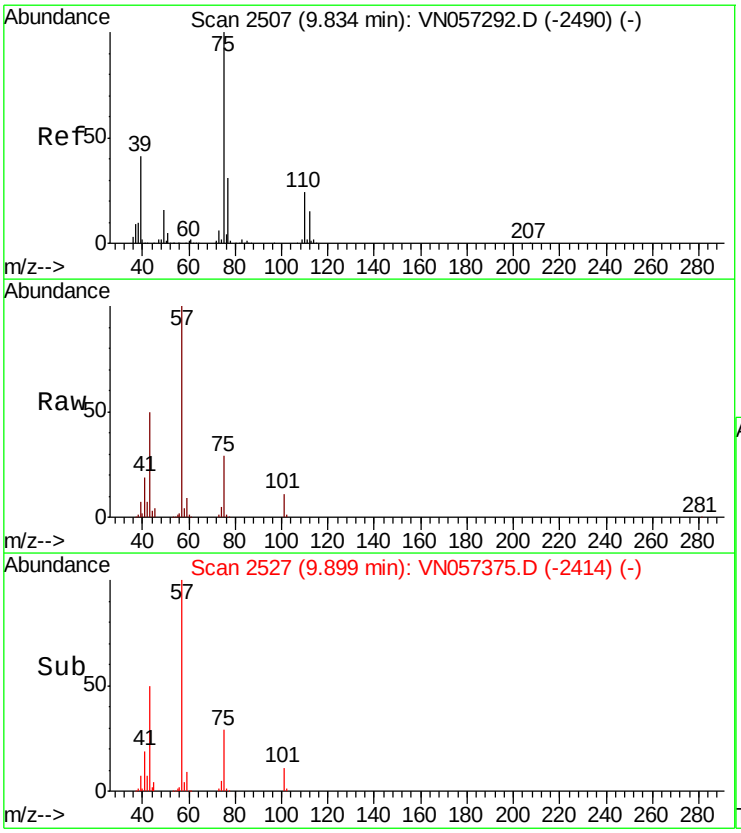
#51
4-Methyl-2-Pentanone
Concen: 0.755 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Instrument : MSVOA_N
ClientSampleId : TP-6

Tgt Ion: 43 Resp: 8546

Ion	Ratio	Lower	Upper
43	100		
58	35.5	33.2	49.8

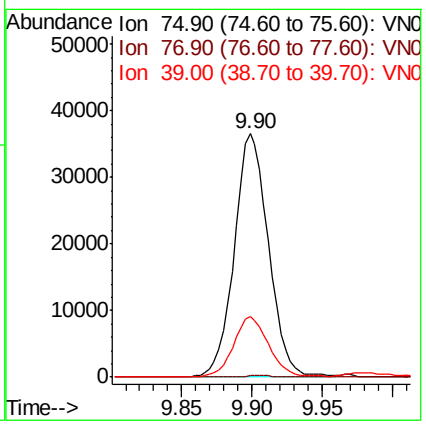


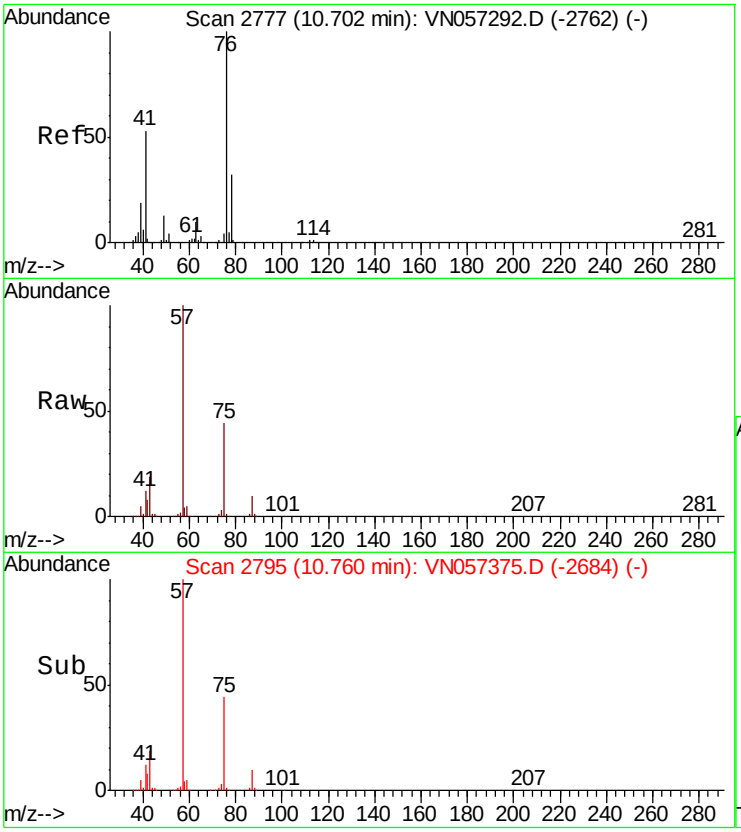


#54
cis-1,3-Dichloropropene
Concen: 3.740 ug/l
RT: 9.90 min Scan# 2527
Delta R.T. 0.06 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Tgt Ion: 75 Resp: 62302

Ion	Ratio	Lower	Upper
75	100		
77	0.5	24.9	37.3#
39	24.6	32.7	49.1#



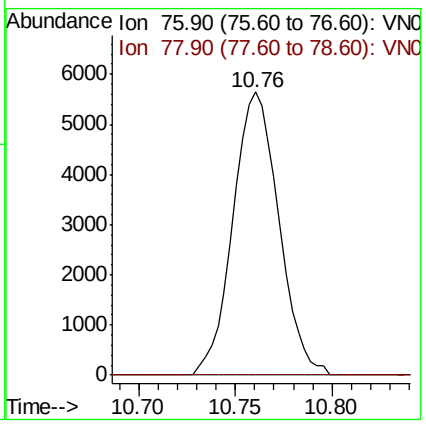


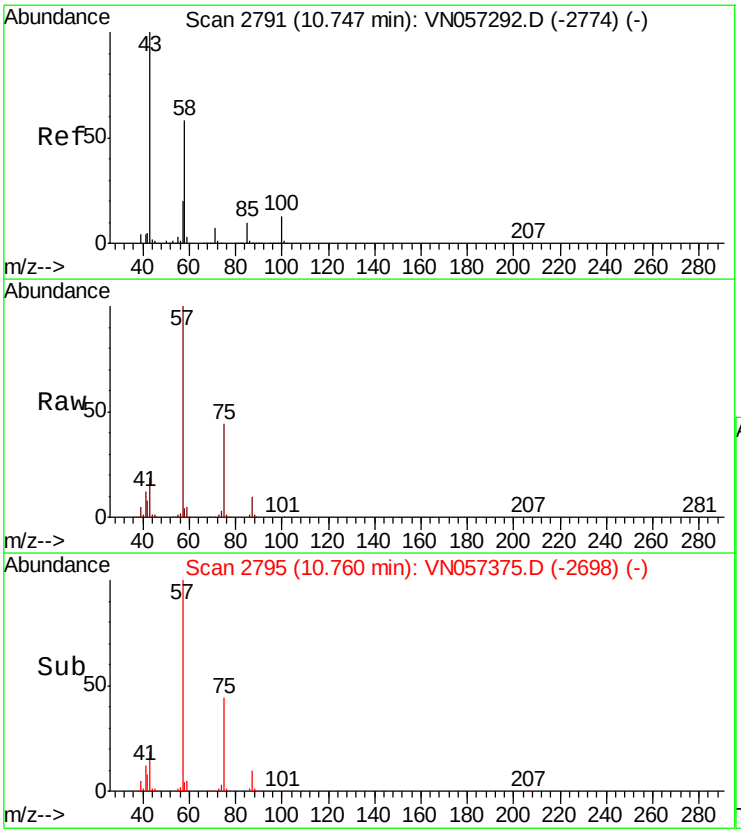
#57
1,3-Dichloropropane
Concen: 0.555 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.06 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Instrument :
MSVOA_N
ClientSampleId :
TP-6

Tgt Ion: 76 Resp: 9305

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#

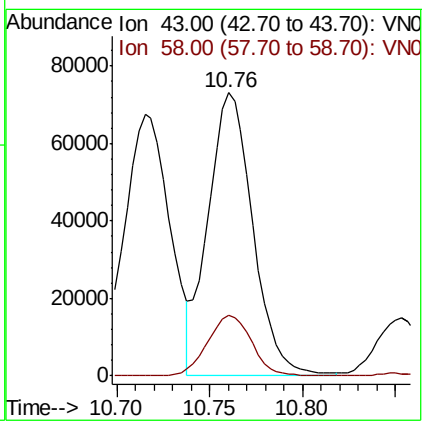


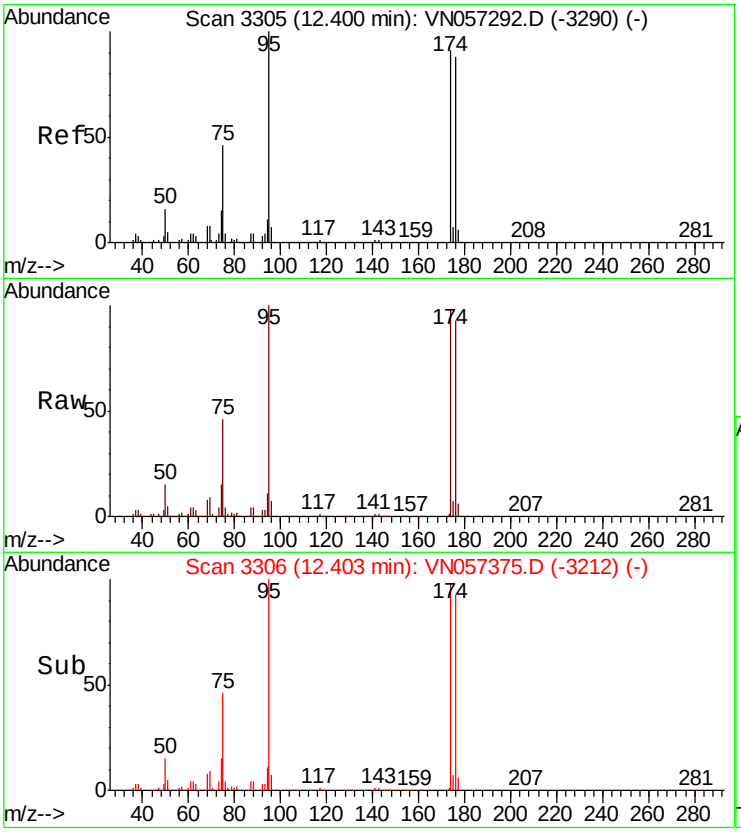


#59
2-Hexanone
Concen: 14.927 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Tgt Ion: 43 Resp: 121518

Ion	Ratio	Lower	Upper
43	100		
58	21.3	28.6	85.9#



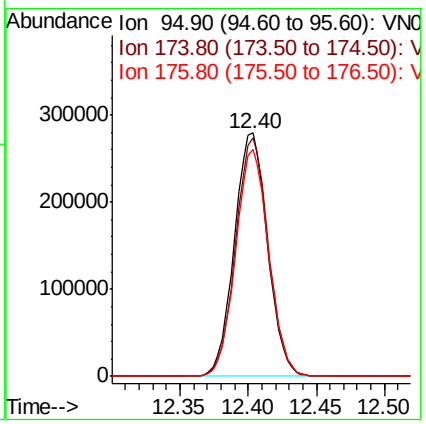


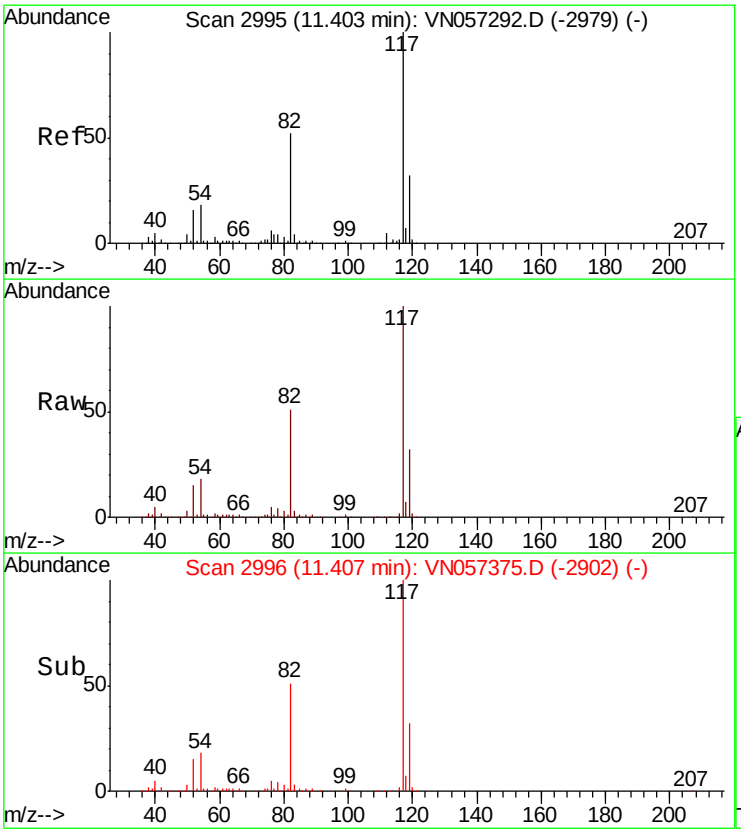
#62
4-Bromofluorobenzene
Concen: 36.633 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Instrument :
MSVOA_N
ClientSampleId :
TP-6

Tgt Ion: 95 Resp: 471115

Ion	Ratio	Lower	Upper
95	100		
174	97.1	0.0	185.0
176	92.6	0.0	181.0

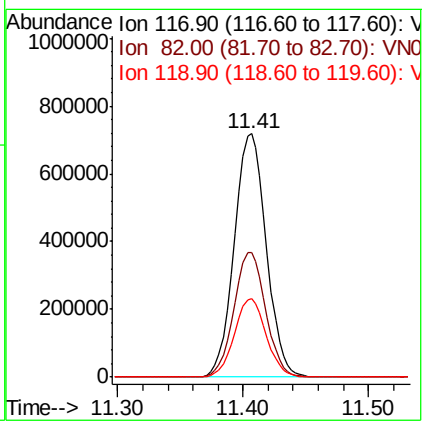


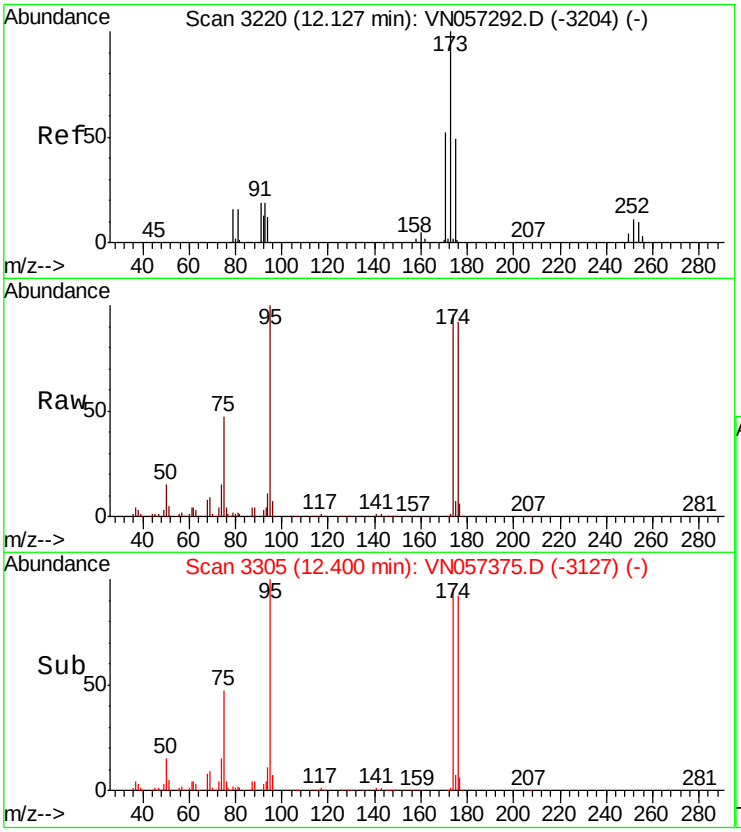


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Tgt Ion:117 Resp: 1271543

Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.2	61.8
119	32.1	25.8	38.8



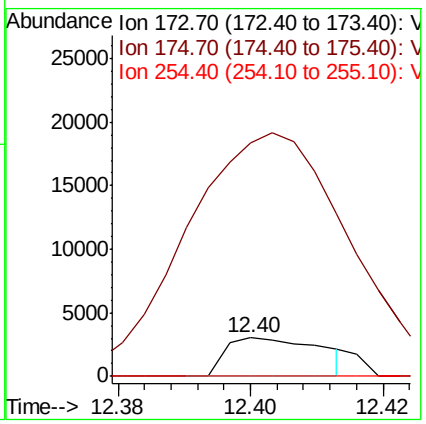


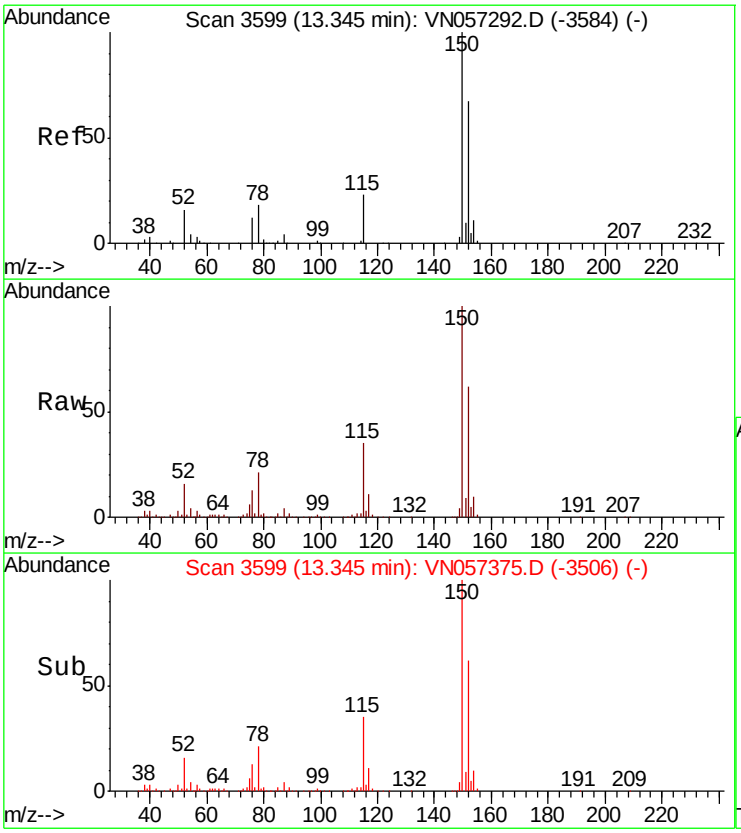
#71
Bromoform
Concen: 0.386 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Instrument :
MSVOA_N
ClientSampleId :
TP-6

Tgt Ion:173 Resp: 3028

Ion	Ratio	Lower	Upper
173	100		
175	933.9	24.2	72.6#
254	0.0	0.2	0.2#

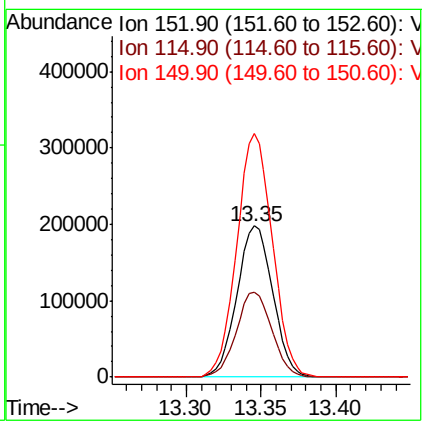


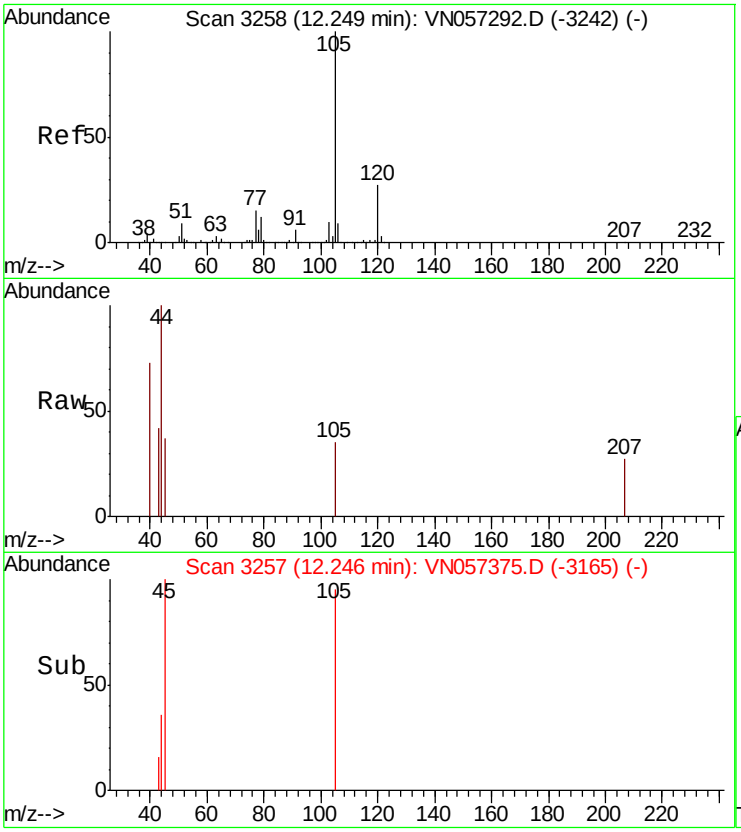


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Tgt Ion:152 Resp: 329808

Ion	Ratio	Lower	Upper
152	100		
115	56.0	27.3	81.9
150	159.9	0.0	344.4



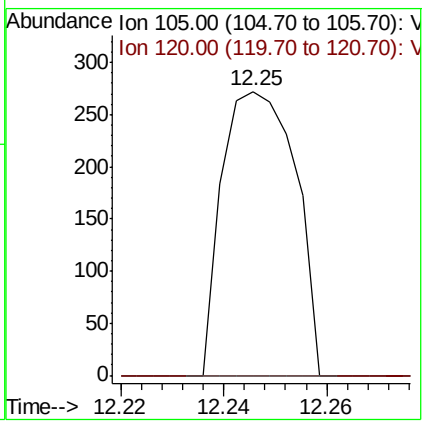


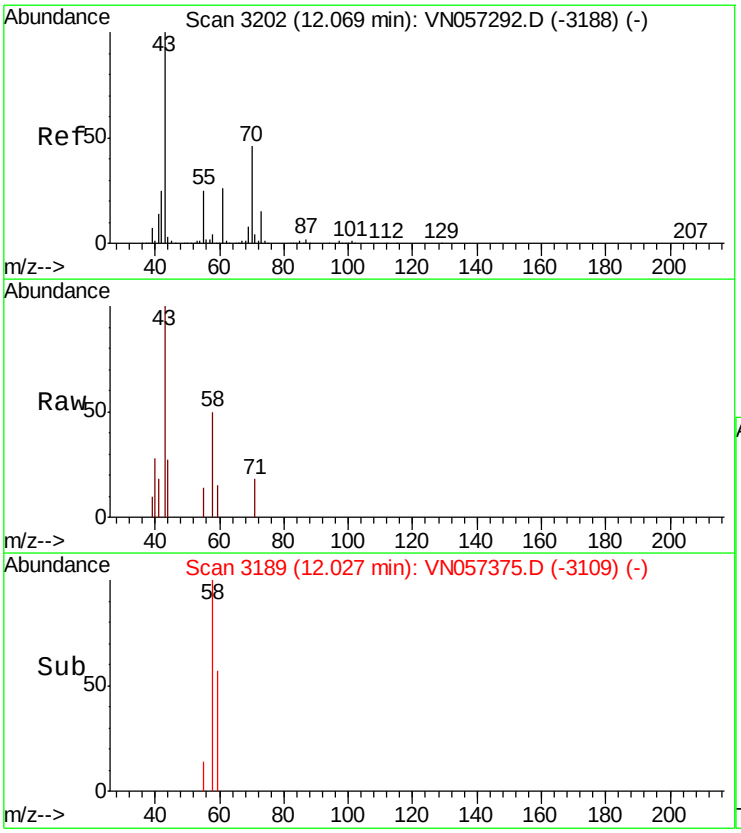
#73
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3257
Delta R.T. -0.00 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Instrument :
MSVOA_N
ClientSampleId :
TP-6

Tgt Ion:105 Resp: 267

Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.2	39.6#

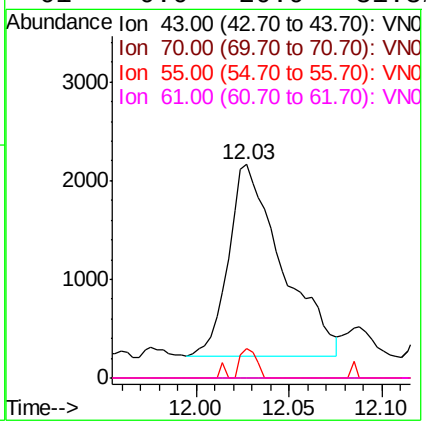


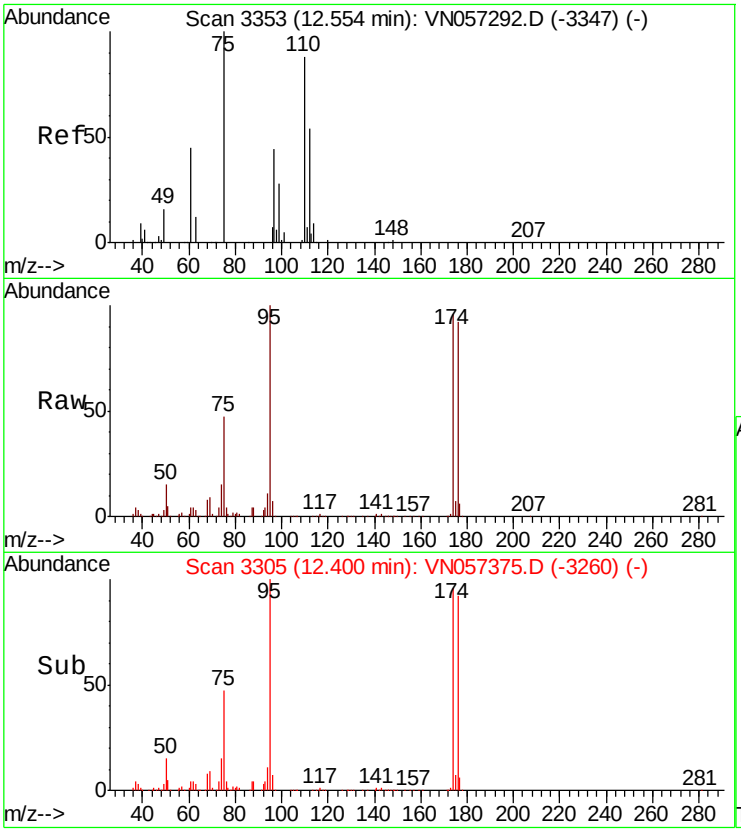


#74
N-amyl acetate
Concen: 0.406 ug/l
RT: 12.03 min Scan# 3189
Delta R.T. -0.04 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Tgt Ion: 43 Resp: 3890

Ion	Ratio	Lower	Upper
43	100		
70	0.0	36.2	54.2#
55	4.7	20.1	30.1#
61	0.0	20.9	31.3#



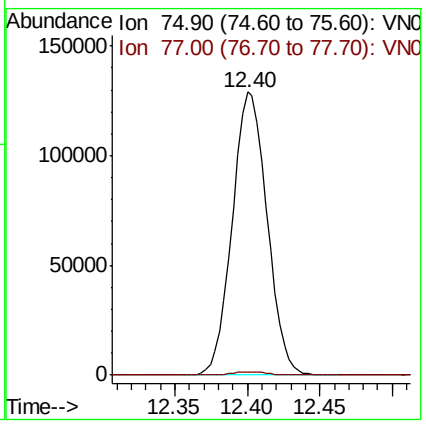


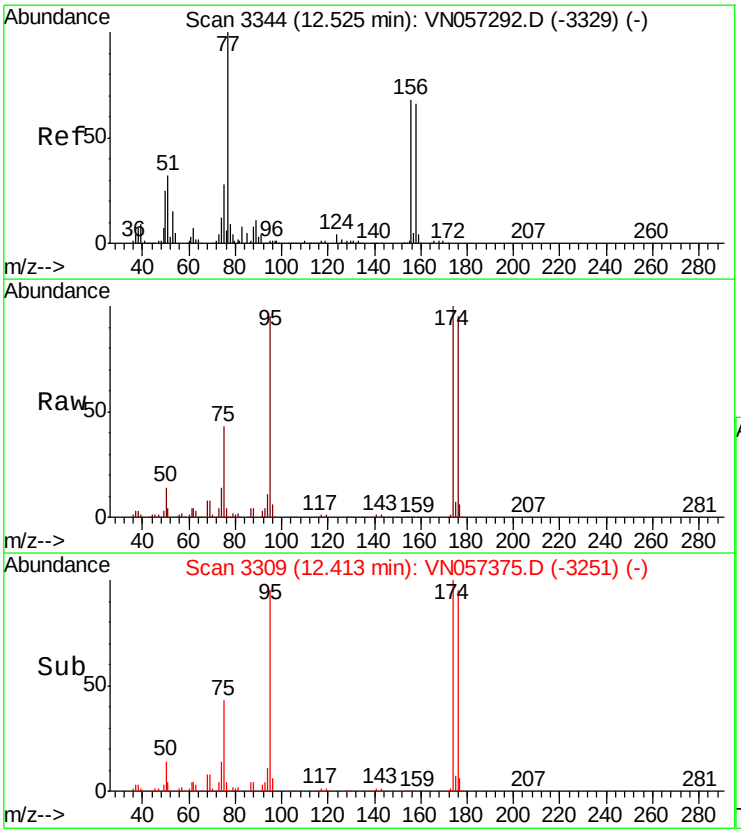
#76
1,2,3-Trichloropropane
Concen: 32.496 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Instrument : MSVOA_N
ClientSampleId : TP-6

Tgt Ion: 75 Resp: 215269

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

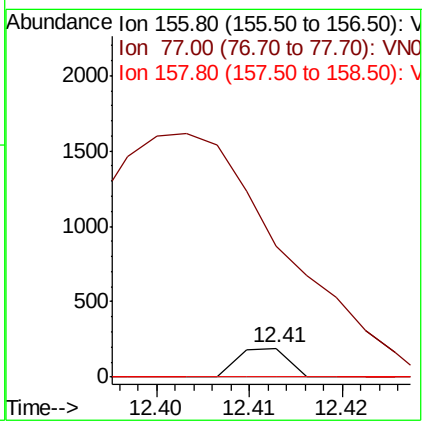


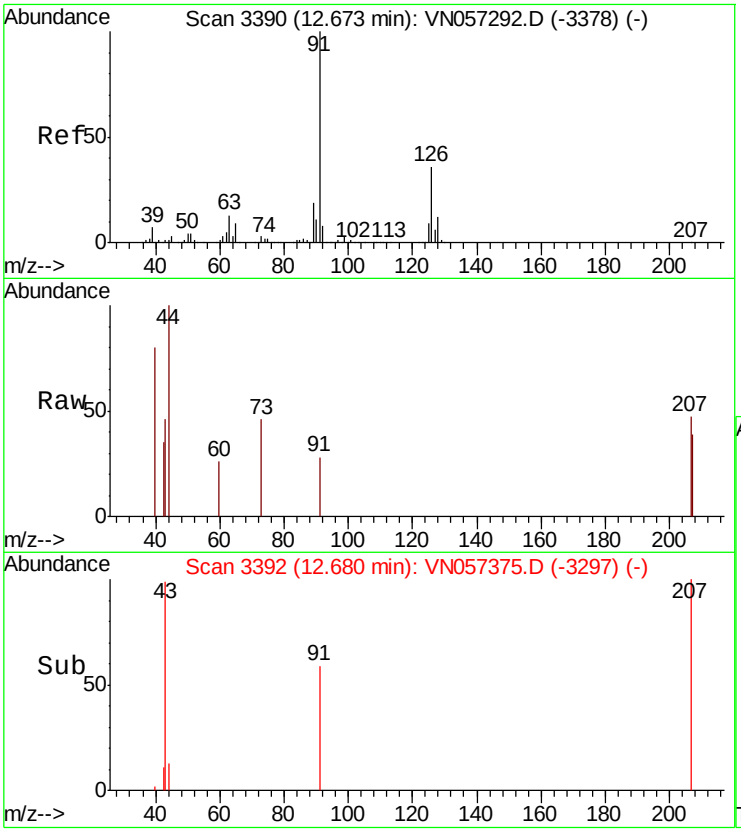


#77
Bromobenzene
Concen: Below Cal
RT: 12.41 min Scan# 3309
Delta R.T. -0.11 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Tgt Ion:156 Resp: 73

Ion	Ratio	Lower	Upper
156	100		
77	3628.8	89.8	269.6#
158	0.0	49.3	147.8#



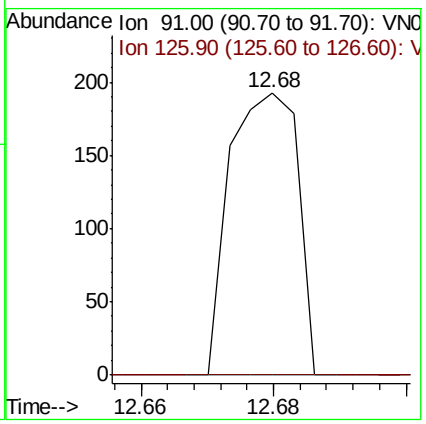


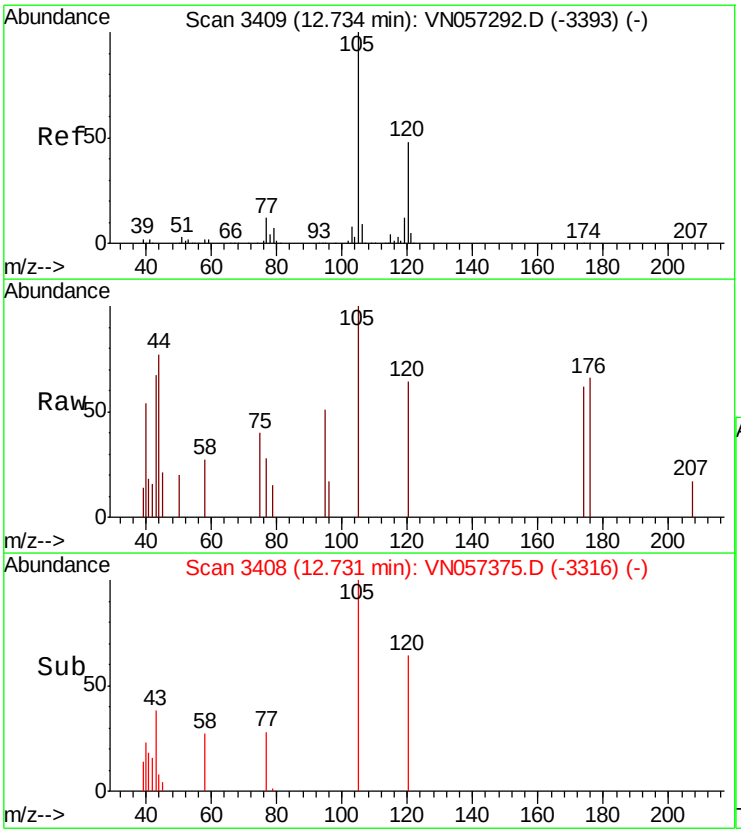
#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.68 min Scan# 3392
Delta R.T. 0.01 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Instrument : MSVOA_N
ClientSampleId : TP-6

Tgt Ion: 91 Resp: 137

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.1	54.1#

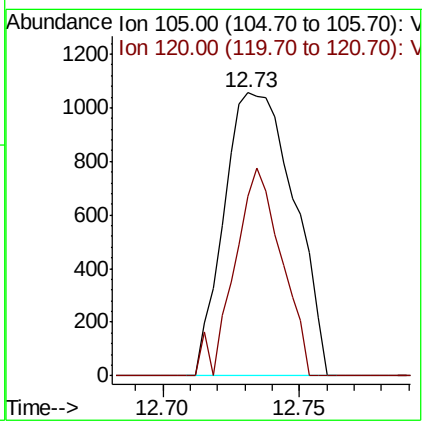


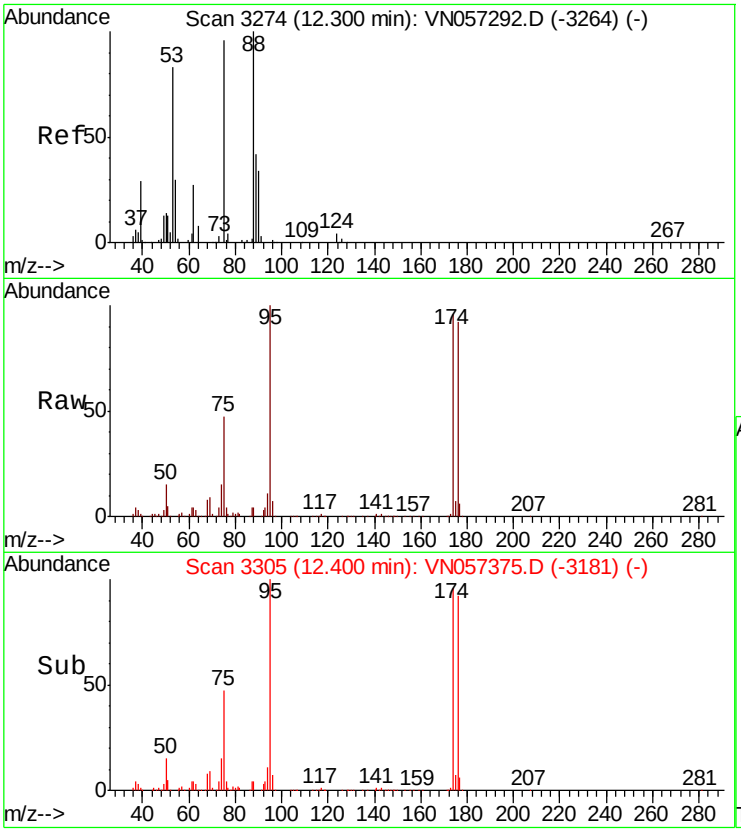


#80
1,3,5-Trimethylbenzene
Concen: Below Cal
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Tgt Ion:105 Resp: 1885

Ion	Ratio	Lower	Upper
105	100		
120	49.1	24.3	73.0



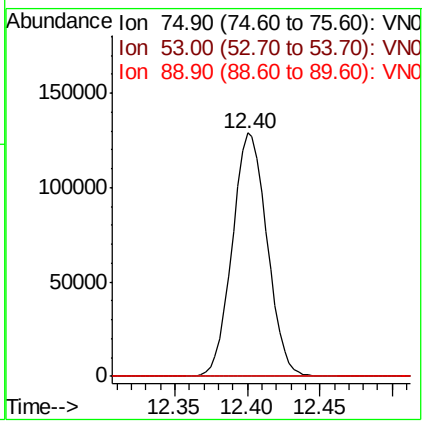


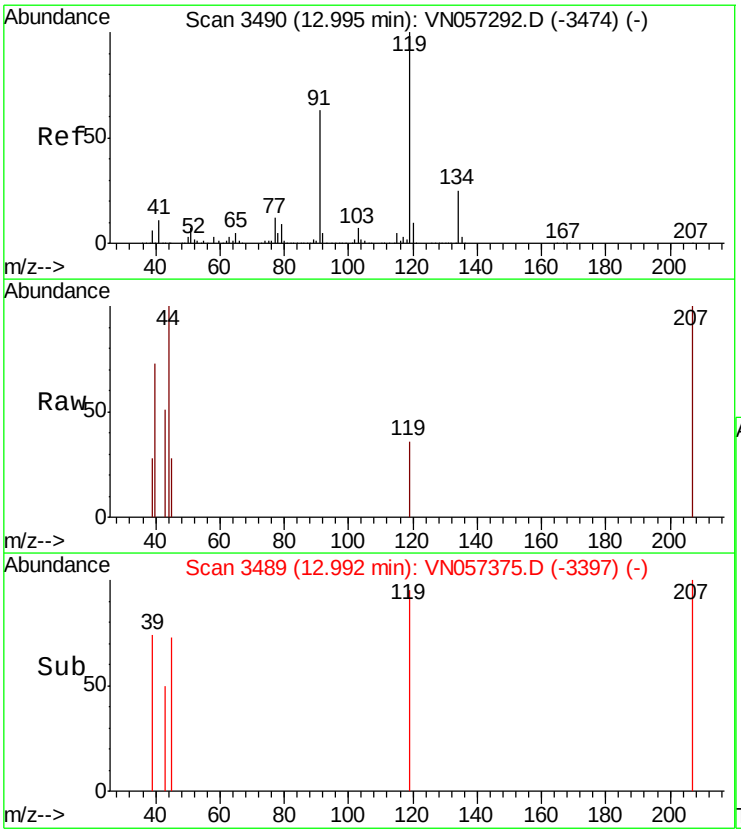
#81
trans-1,4-Dichloro-2-butene
Concen: 79.590 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Instrument :
MSVOA_N
ClientSampleId :
TP-6

Tgt Ion: 75 Resp: 215269

Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.9	101.9#
89	0.0	36.2	54.4#

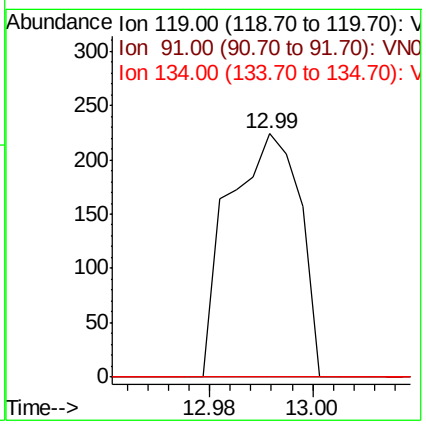


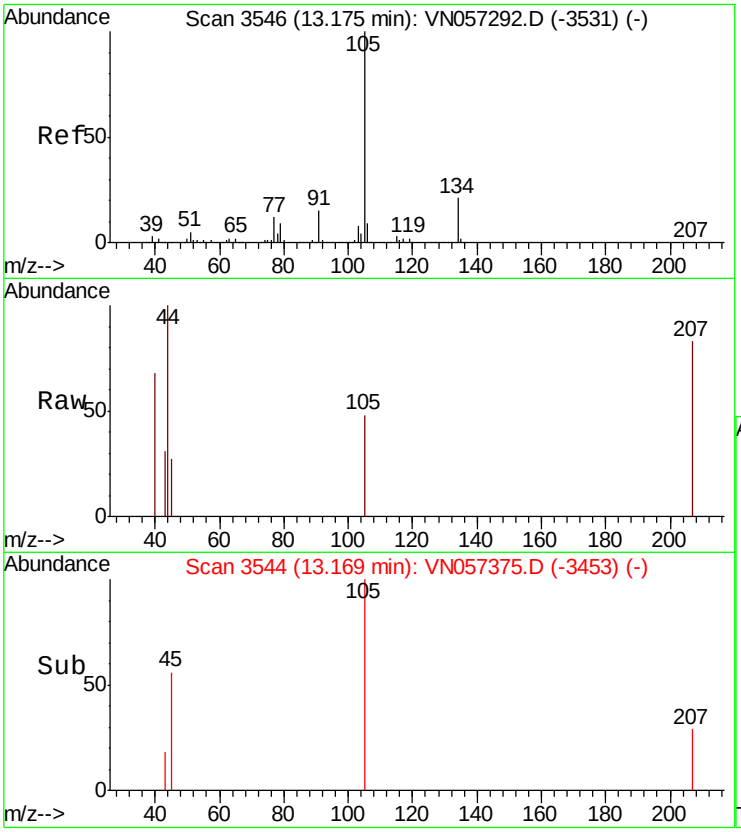


#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Tgt Ion:119 Resp: 213

Ion	Ratio	Lower	Upper
119	100		
91	0.0	31.3	93.8#
134	0.0	13.1	39.1#



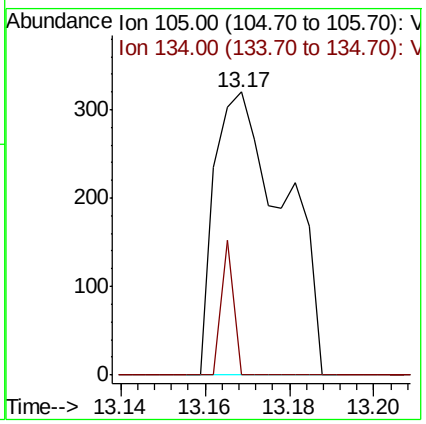


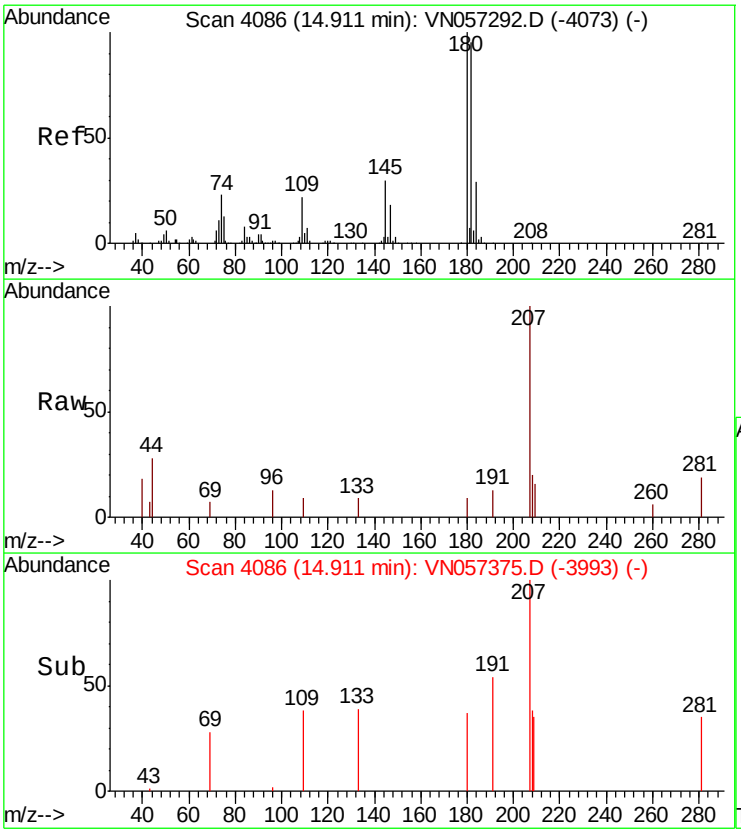
#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.17 min Scan# 3544
Delta R.T. -0.01 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Instrument :
MSVOA_N
ClientSampleId :
TP-6

Tgt Ion:105 Resp: 365

Ion	Ratio	Lower	Upper
105	100		
134	7.9	10.4	31.2#

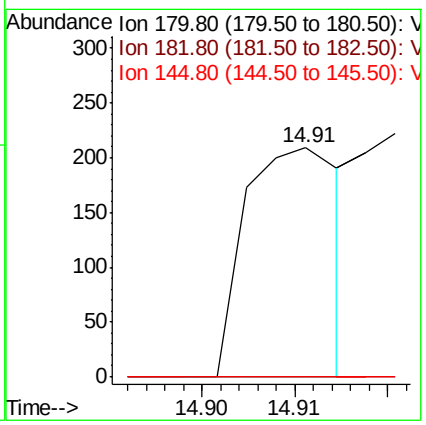


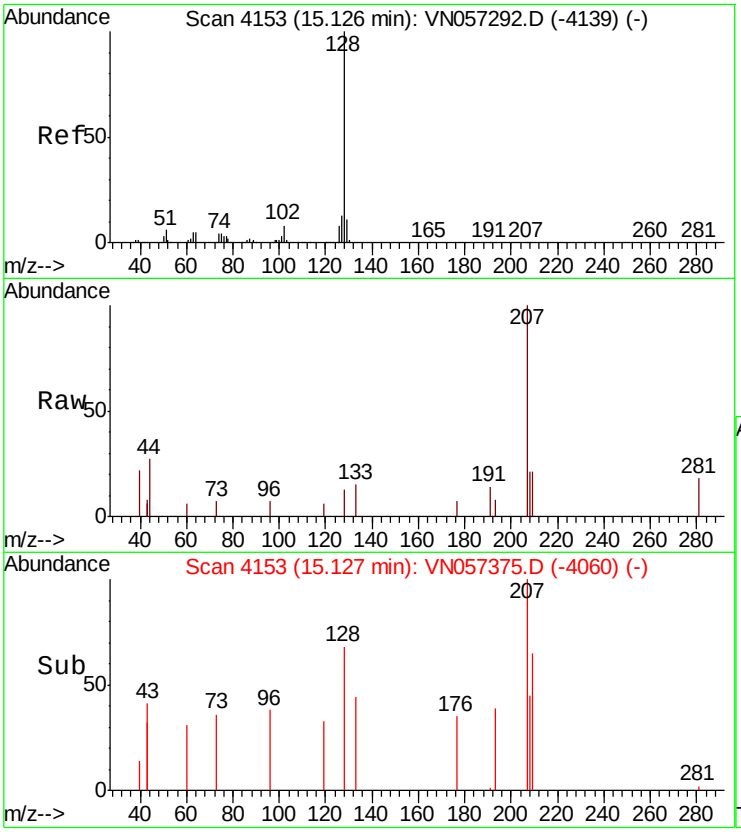


#93
1,2,4-Trichlorobenzene
Concen: 5.387 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Tgt Ion:180 Resp: 149

Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.0	144.2#
145	0.0	14.5	43.6#



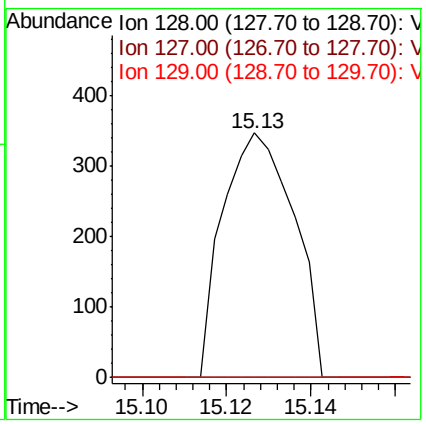


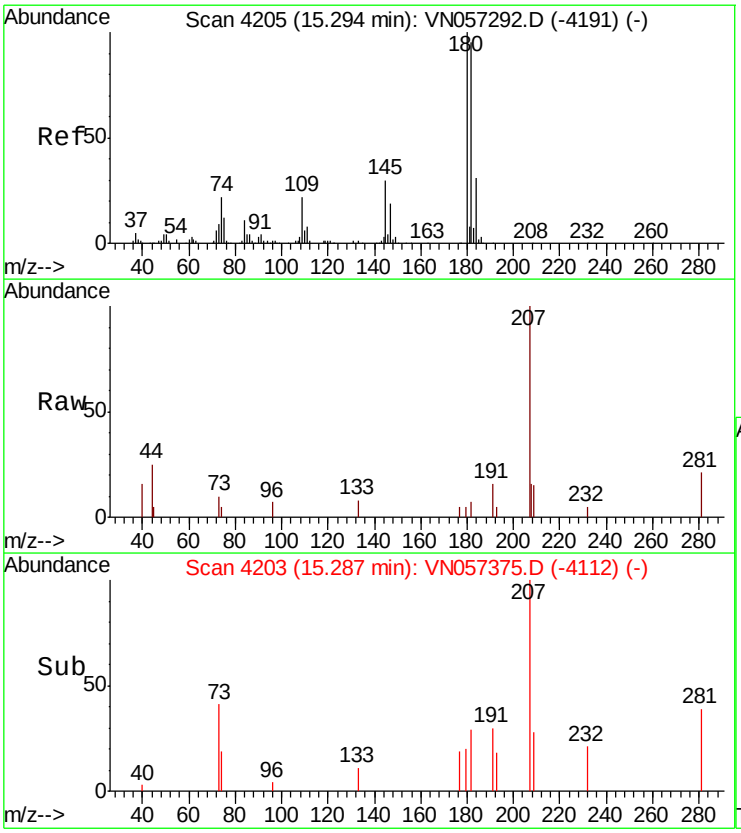
#95
Naphthalene
Concen: Below Cal
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Instrument :
MSVOA_N
ClientSampleId :
TP-6

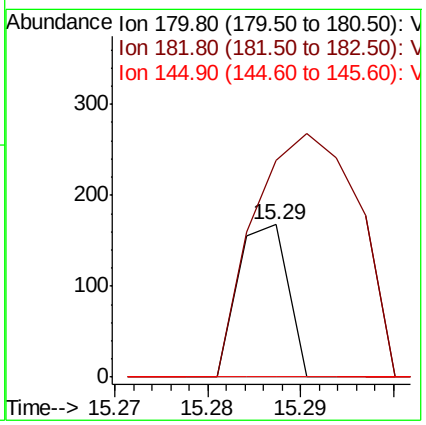
Tgt Ion:128 Resp: 407

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.8	13.2#





#96
1,2,3-Trichlorobenzene
Concen: Below Cal
RT: 15.29 min Scan# 4203
Delta R.T. -0.01 min
Lab File: VN057375.D
Acq: 17 Aug 2019 00:02

Tgt Ion:180 Resp: 62

Ion	Ratio	Lower	Upper
180	100		
182	337.1	47.9	143.6#
145	0.0	15.1	45.3#