Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060920\
Data File : VN061721.D
Acq On : 9 Jun 2020 13:17
Operator : JC/MD
Sample : PB129410ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB129410ZHE#02

Quant Time: Jun 10 03:02:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.63	168	280325	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.55	114	477047	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.38	117	489118	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	210205	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.99	65	161246	48.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.56%				
35) Dibromofluoromethane	7.55	113	129778	53.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.26%				
50) Toluene-d8	10.06	98	591450	52.74	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.48%				
62) 4-Bromofluorobenzene	12.38	95	206390	50.44	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.88%				
Target Compounds							Qvalue
3) Chloromethane	2.04	50	745	0.218	ug/l		100
5) Bromomethane	2.55	94	814	0.303	ug/l	#	65
11) Tert butyl alcohol	4.73	59	138	0.311	ug/l	#	72
16) Acetone	3.78	43	13602	8.795	ug/l		96
18) Methyl Acetate	4.28	43	1099	0.363	ug/l	#	78
20) Methylene Chloride	4.51	84	8848	1.217	ug/l		97
25) 2-Butanone	6.79	43	3107	1.963	ug/l		95
29) Tetrahydrofuran	7.16	42	325	0.311	ug/l	#	47
31) Cyclohexane	7.62	56	4550	0.967	ug/l	#	3
36) 1,1-Dichloropropene	7.63	75	19204	4.547	ug/l	#	45
38) Carbon Tetrachloride	7.63	117	25988	6.380	ug/l	#	16
41) Methacrylonitrile	7.17	41	394	0.253	ug/l	#	8
43) Isopropyl Acetate	8.13	43	64312	10.509	ug/l	#	91
45) 1,2-Dichloropropane	9.24	63	1615	0.522	ug/l	#	44
48) Methyl methacrylate	9.15	41	3087	1.121	ug/l	#	5
49) 1,4-Dioxane	9.23	88	99	2.321	ug/l	#	1
51) 4-Methyl-2-Pentanone	9.95	43	5891	1.708	ug/l	#	81
54) cis-1,3-Dichloropropene	9.87	75	37753	6.933	ug/l	#	62
56) Ethyl methacrylate	10.51	69	1502	0.317	ug/l	#	1
57) 1,3-Dichloropropane	10.74	76	6563	1.211	ug/l	#	42
59) 2-Hexanone	10.74	43	67608	27.298	ug/l	#	50
71) Bromoform	12.37	173	1628	0.558	ug/l	#	1
74) N-amyl acetate	12.00	43	1821	0.377	ug/l	#	40
76) 1,2,3-Trichloropropane	12.38	75	101080	26.445	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.71	105	3571	0.278	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.38	75	101080	67.626	ug/l	#	15

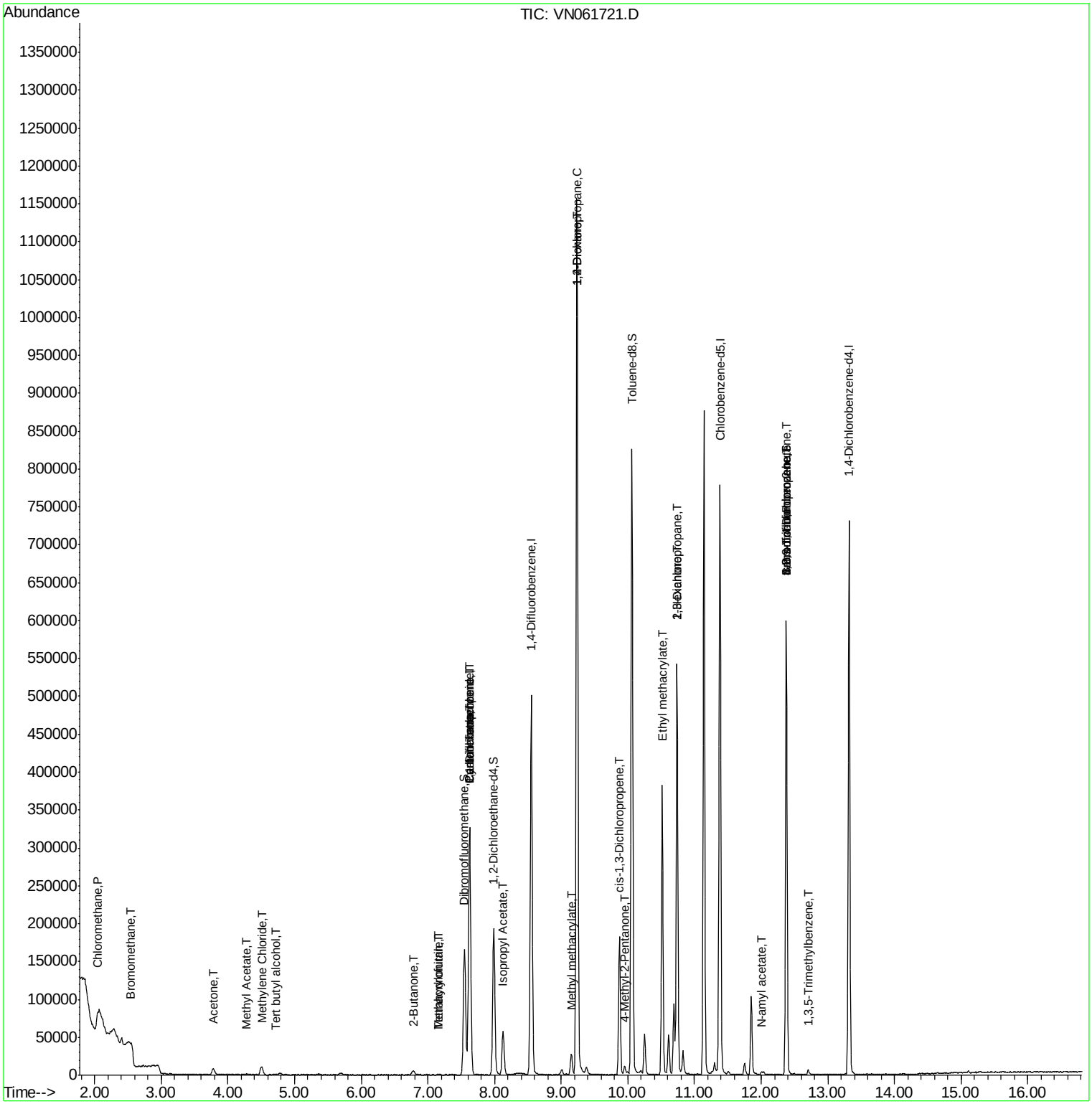
(#) = qualifier out of range (m) = manual integration (+) = signals summed

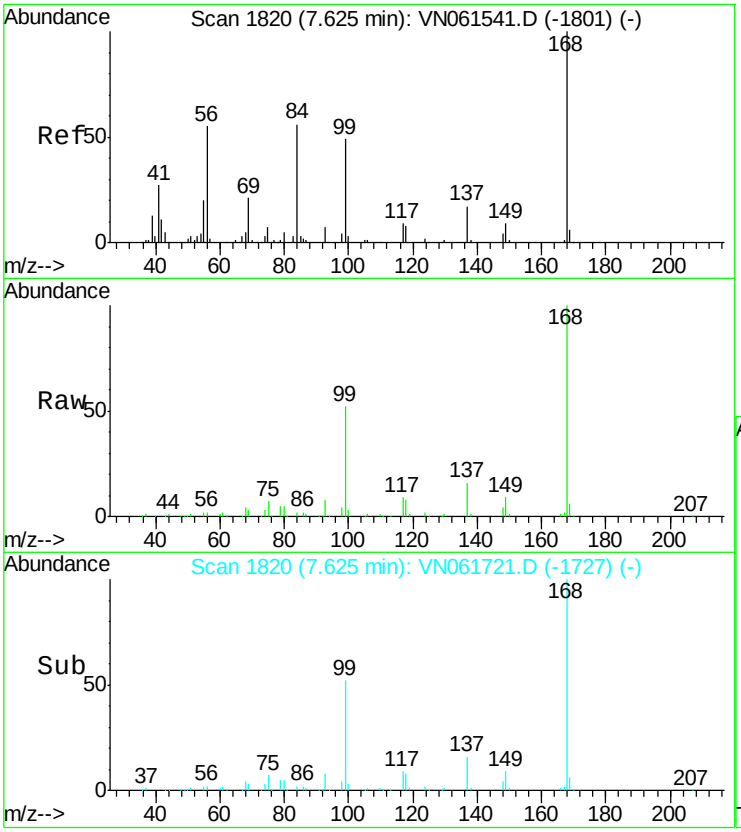
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060920\
Data File : VN061721.D
Acq On : 9 Jun 2020 13:17
Operator : JC/MD
Sample : PB129410ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB129410ZHE#02

Quant Time: Jun 10 03:02:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration



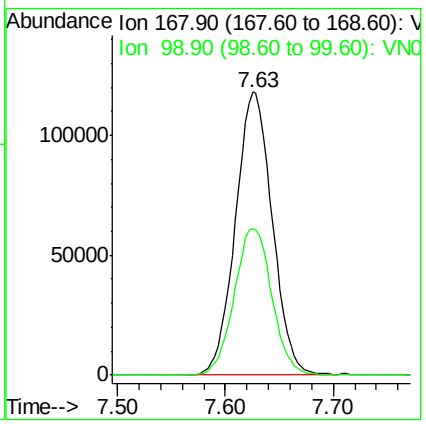


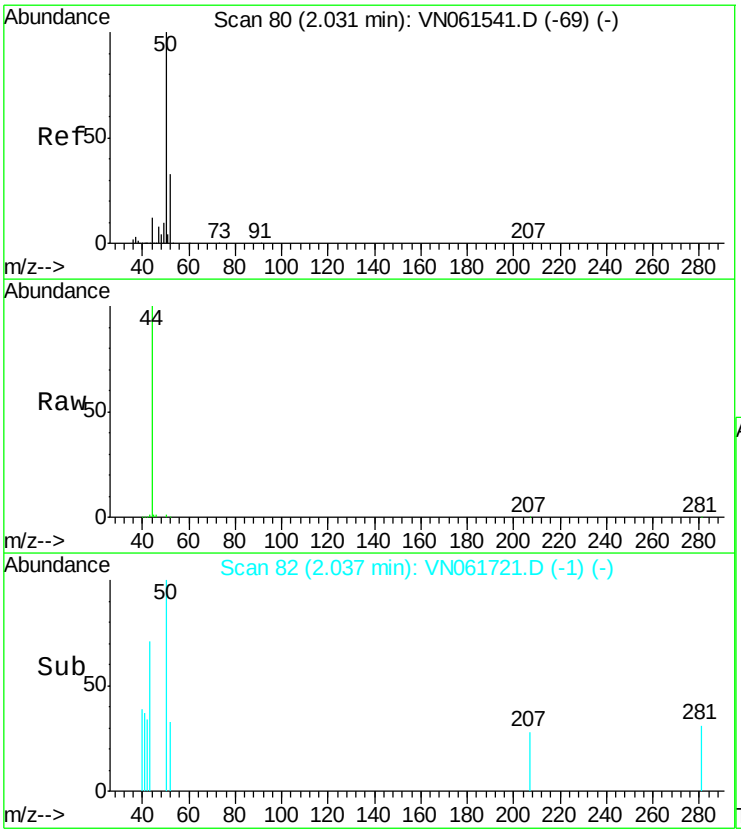
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.00 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
PB129410ZHE#02

Tgt Ion:168 Resp: 280325

Ion	Ratio	Lower	Upper
168	100		
99	51.8	45.0	67.4

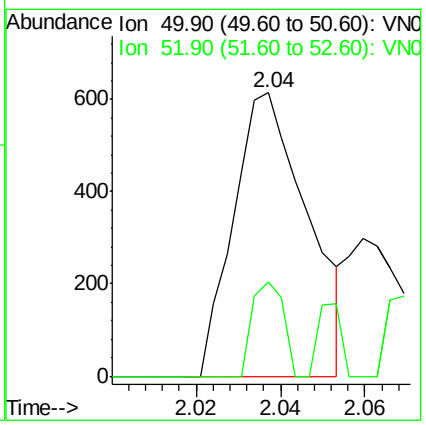


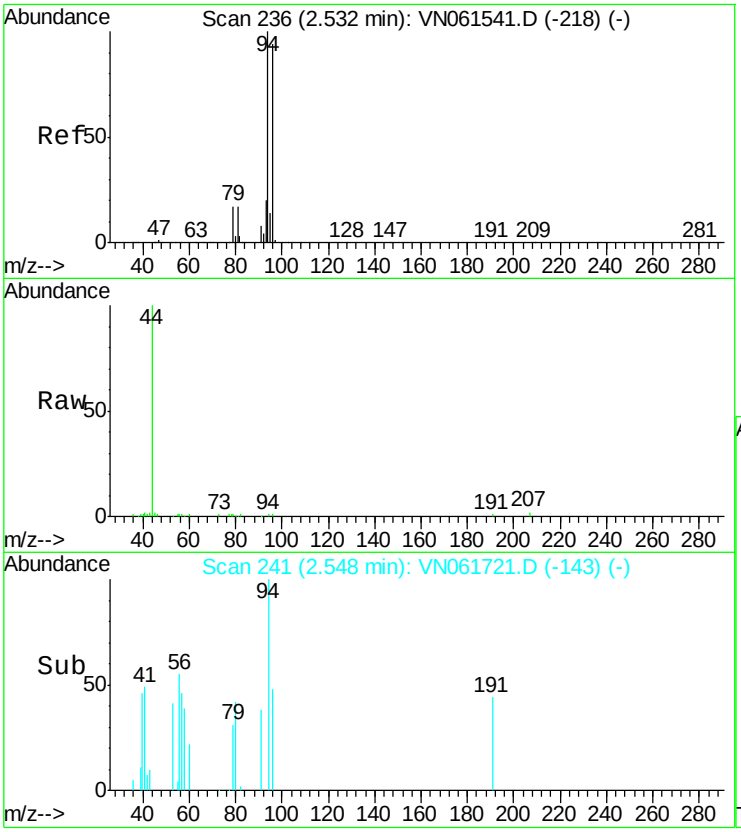


#3
Chloromethane
Concen: 0.218 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.01 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Tgt Ion: 50 Resp: 745

Ion	Ratio	Lower	Upper
50	100		
52	33.4	26.7	40.1



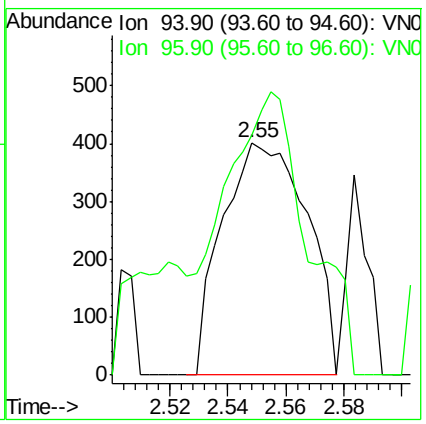


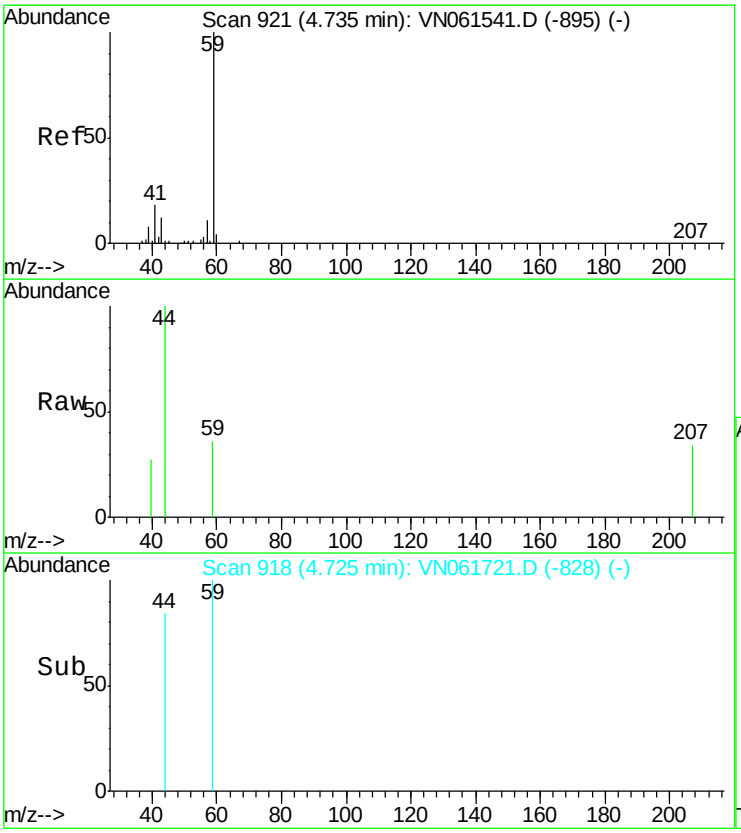
#5
Bromomethane
Concen: 0.303 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.02 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
PB129410ZHE#02

Tgt Ion: 94 Resp: 814

Ion	Ratio	Lower	Upper
94	100		
96	60.2	74.8	112.2#

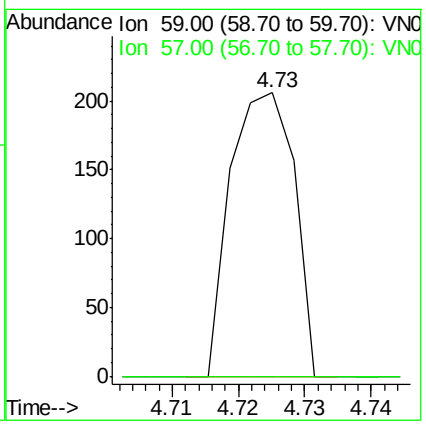


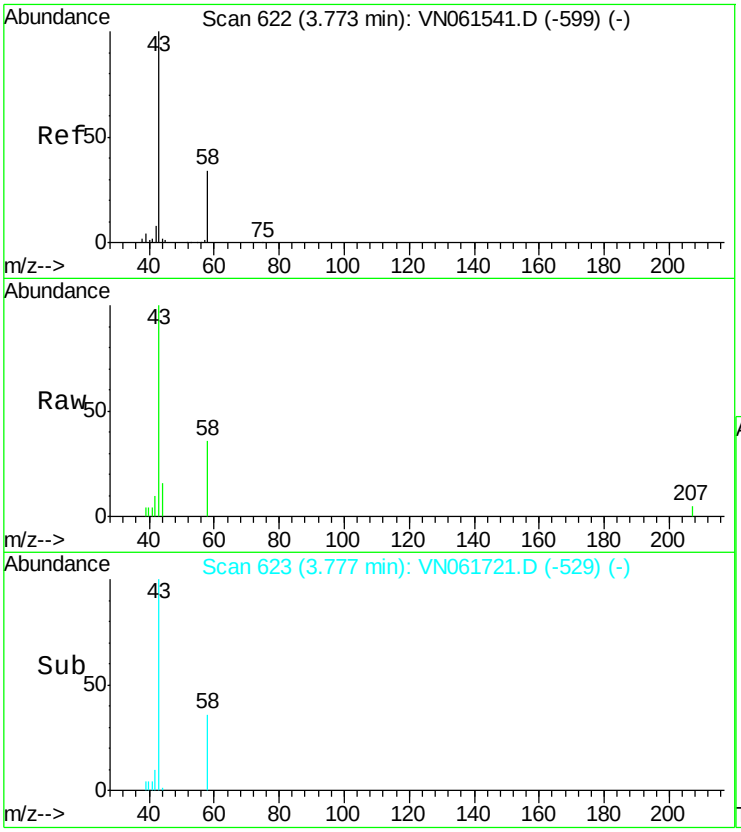


#11
Tert butyl alcohol
Concen: 0.311 ug/l
RT: 4.73 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Tgt Ion: 59 Resp: 138

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#



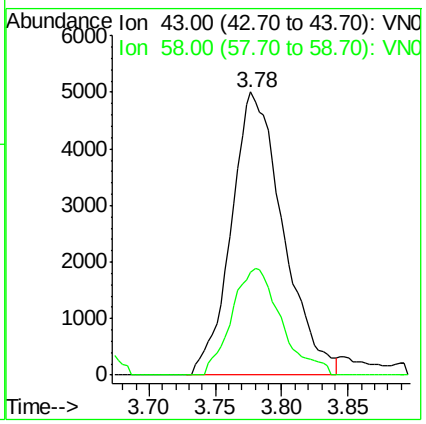


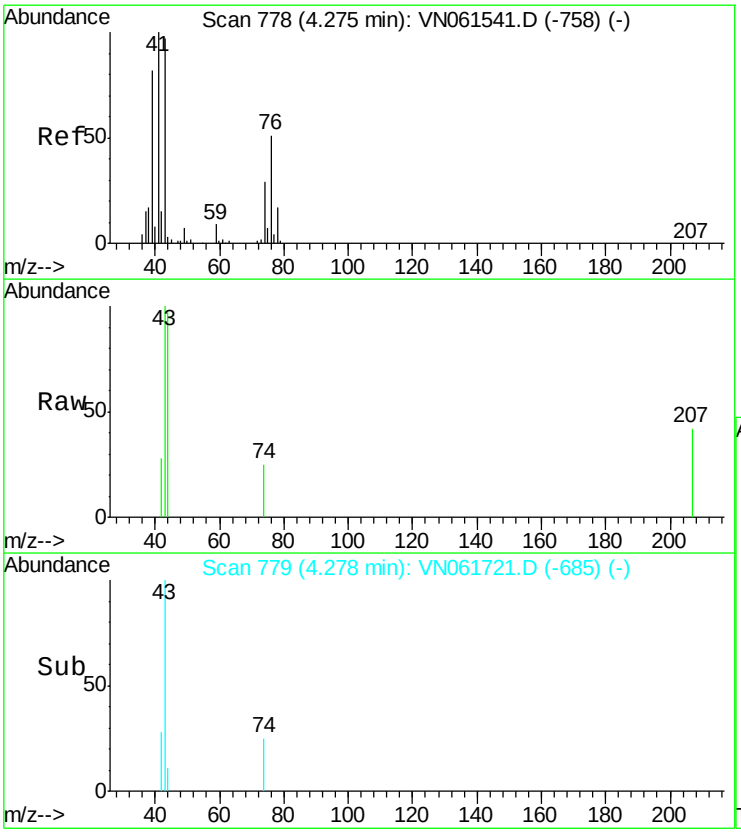
#16
Acetone
Concen: 8.795 ug/l
RT: 3.78 min Scan# 623
Delta R.T. 0.00 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
PB129410ZHE#02

Tgt Ion: 43 Resp: 13602

Ion	Ratio	Lower	Upper
43	100		
58	36.3	27.2	40.8

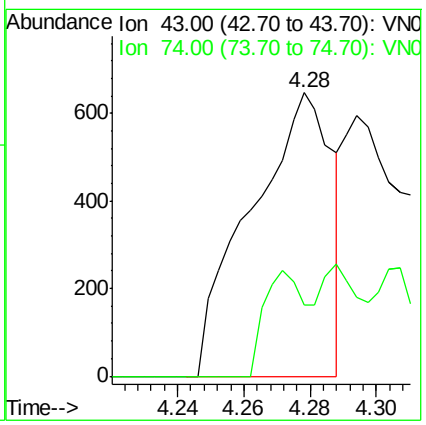


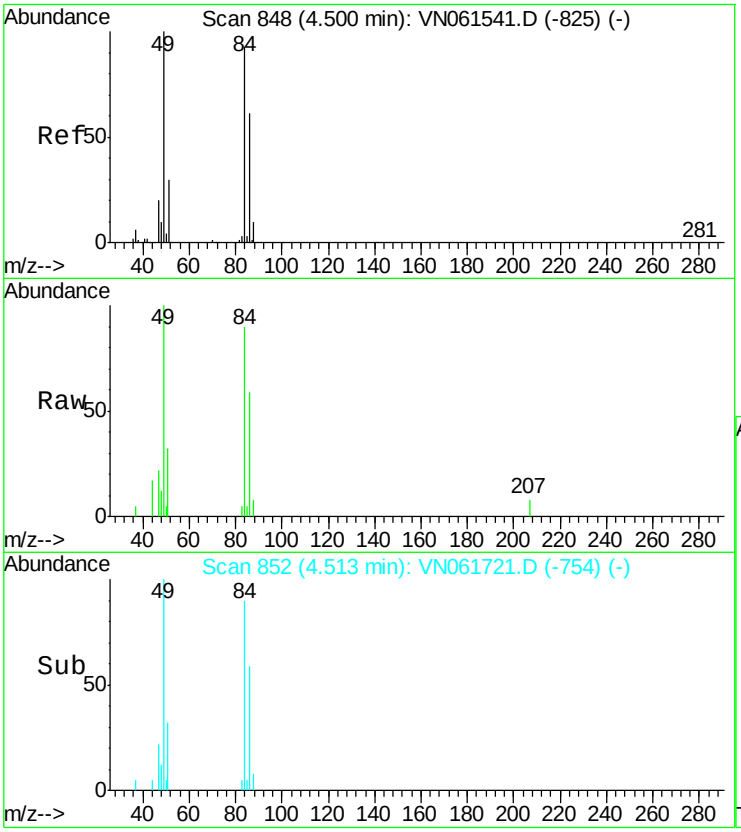


#18
Methyl Acetate
Concen: 0.363 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Tgt Ion: 43 Resp: 1099

Ion	Ratio	Lower	Upper
43	100		
74	17.3	23.2	34.8#



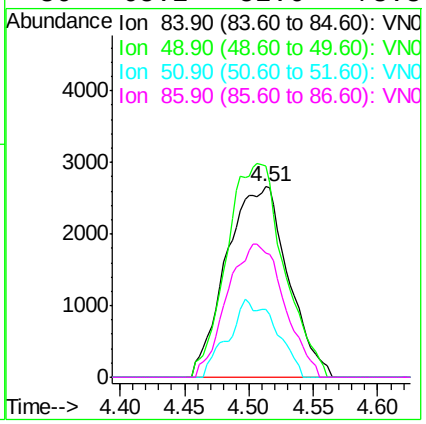


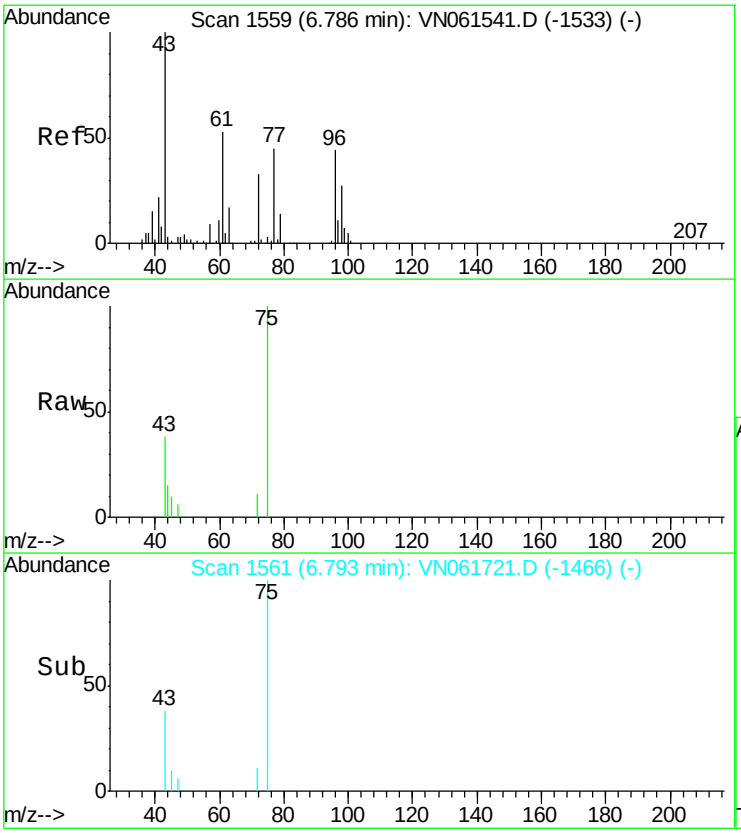
#20
Methylene Chloride
Concen: 1.217 ug/l
RT: 4.51 min Scan# 852
Delta R.T. 0.01 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Instrument : MSVOA_N
ClientSampleId : PB129410ZHE#02

Tgt Ion: 84 Resp: 8848

Ion	Ratio	Lower	Upper
84	100		
49	111.0	85.8	128.8
51	35.7	26.2	39.2
86	65.2	52.6	78.8

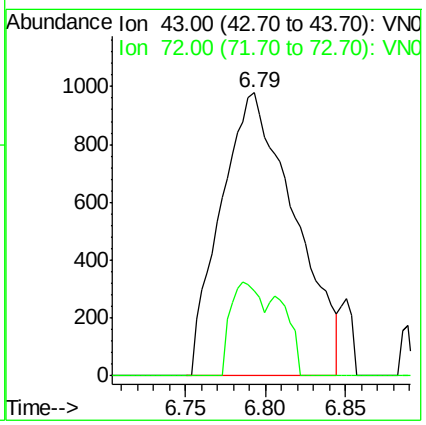


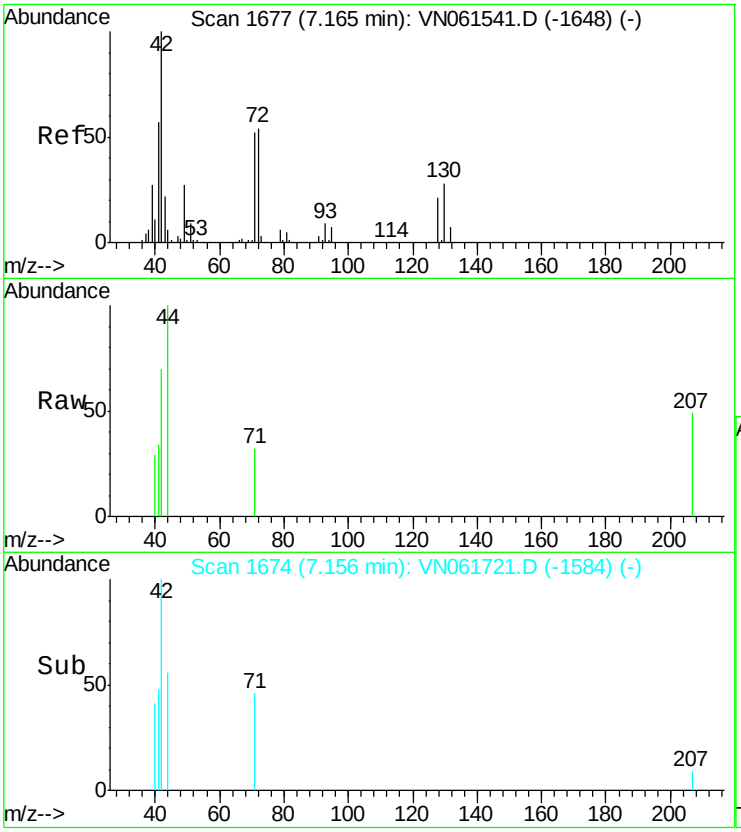


#25
2-Butanone
Concen: 1.963 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Tgt Ion: 43 Resp: 3107

Ion	Ratio	Lower	Upper
43	100		
72	29.9	26.0	39.0



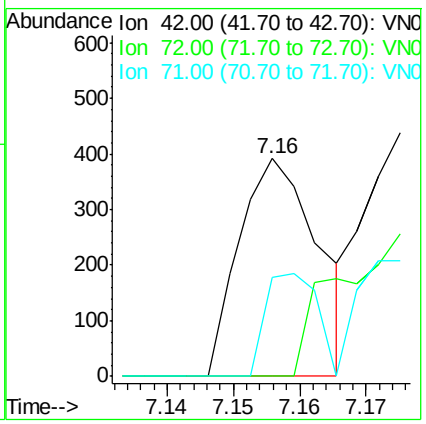


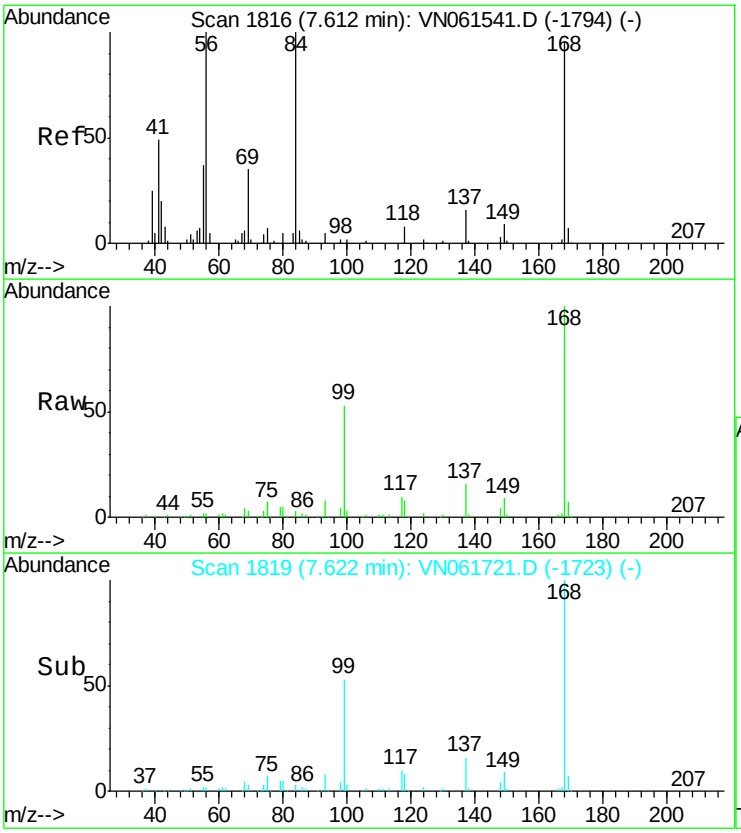
#29
Tetrahydrofuran
Concen: 0.311 ug/l
RT: 7.16 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Instrument : MSVOA_N
ClientSampleId : PB129410ZHE#02

Tgt Ion: 42 Resp: 325

Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.6	65.4#
71	30.8	41.2	61.8#

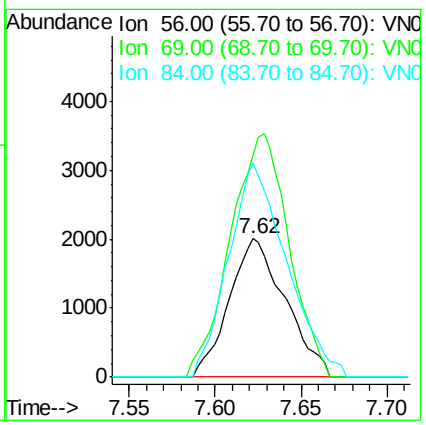


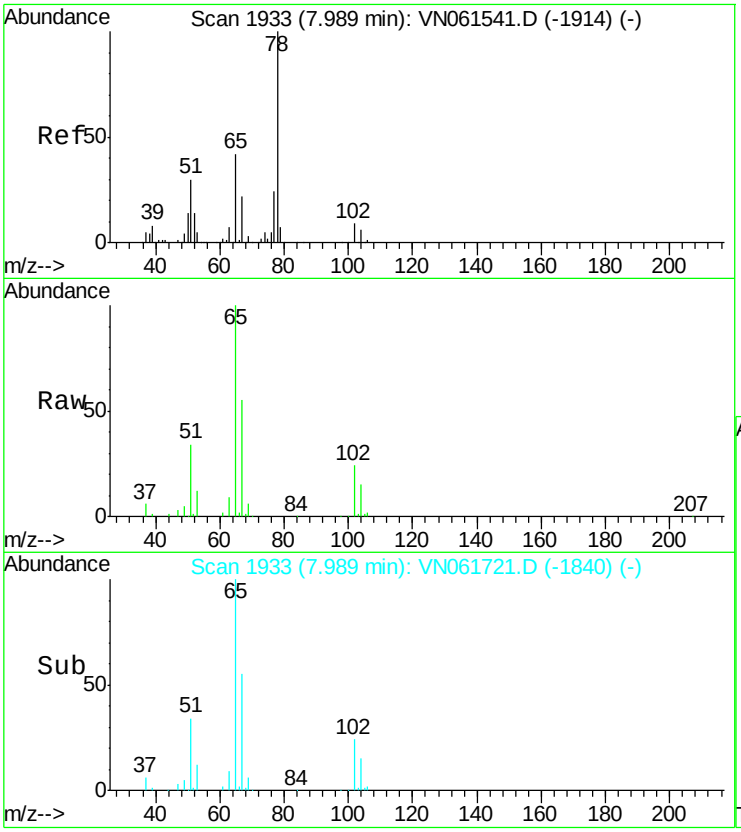


#31
Cyclohexane
Concen: 0.967 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Tgt Ion: 56 Resp: 4550

Ion	Ratio	Lower	Upper
56	100		
69	161.0	27.8	41.8#
84	155.0	79.9	119.9#



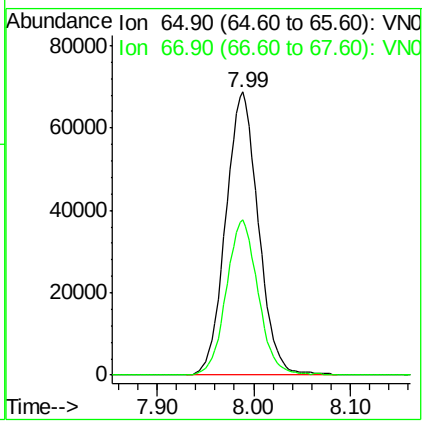


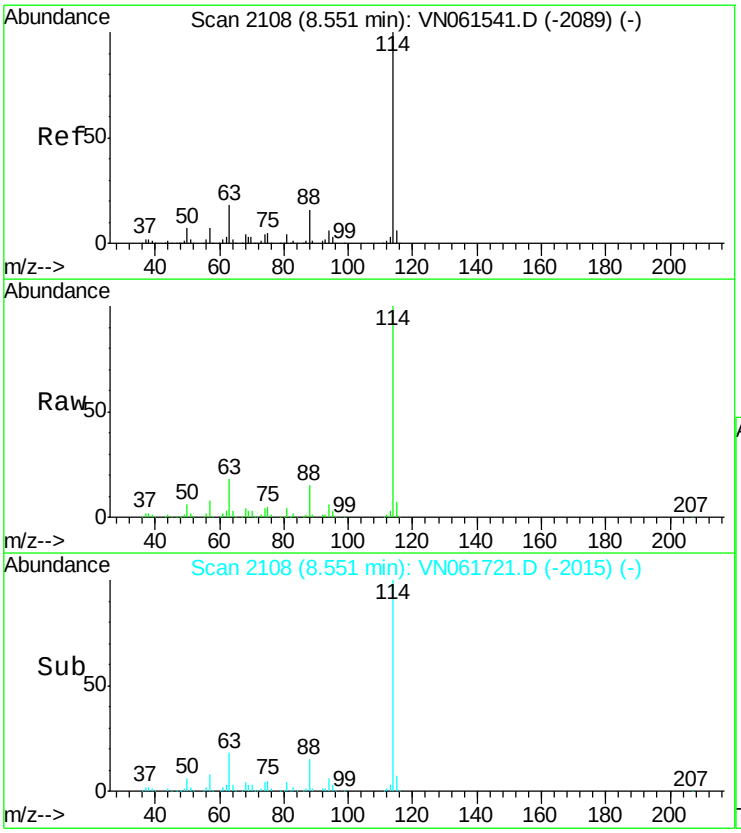
#33
1,2-Dichloroethane-d4
Concen: 48.279 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
PB129410ZHE#02

Tgt Ion: 65 Resp: 161246

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	104.8

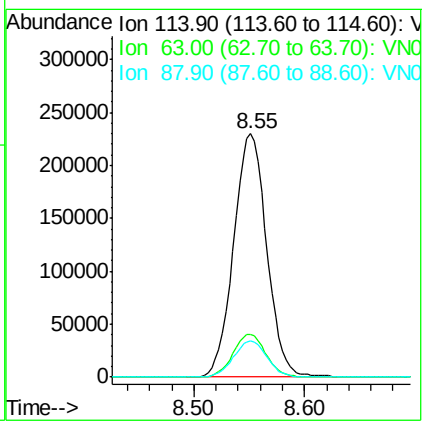


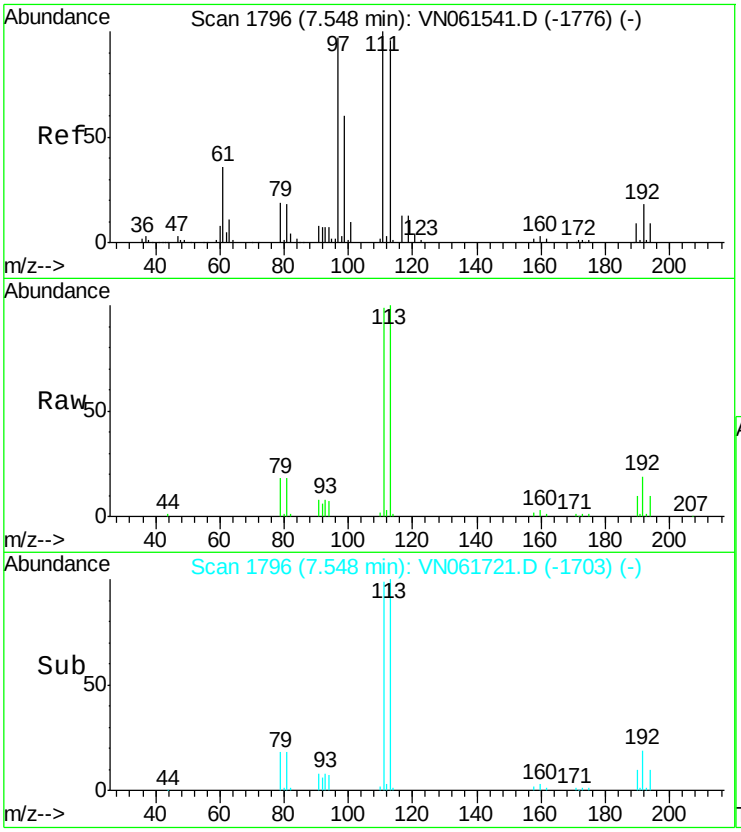


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Tgt Ion:114 Resp: 477047

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	35.8
88	14.8	0.0	31.0



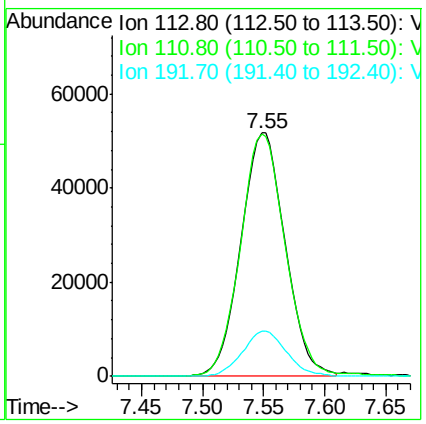


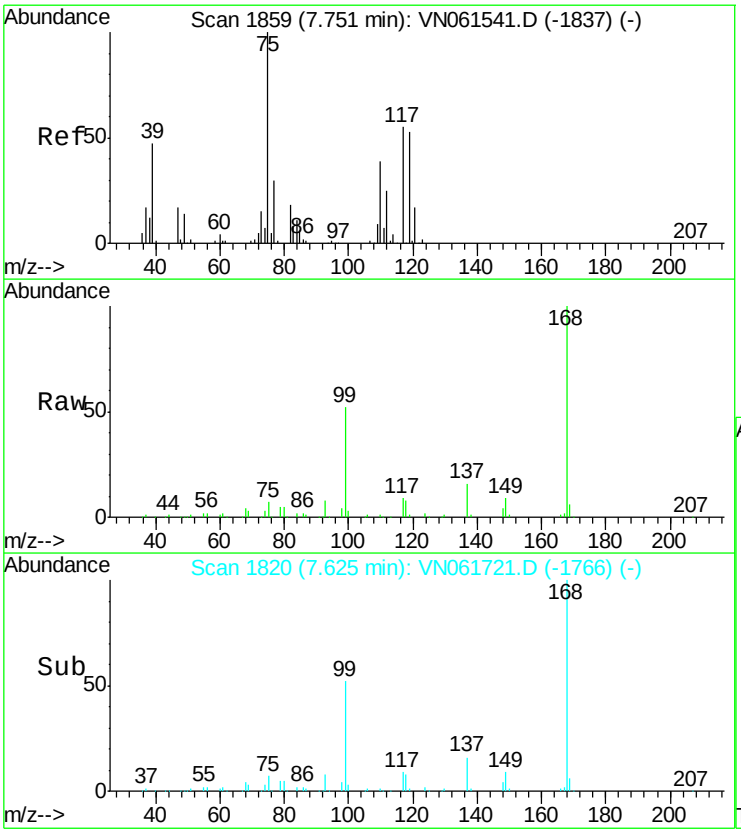
#35
Dibromofluoromethane
Concen: 53.628 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
PB129410ZHE#02

Tgt Ion:113 Resp: 129778

Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.4	125.0
192	18.5	15.4	23.2

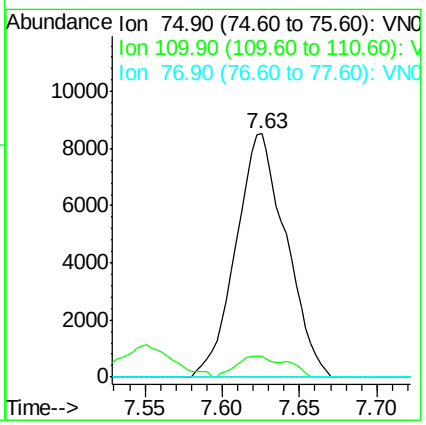


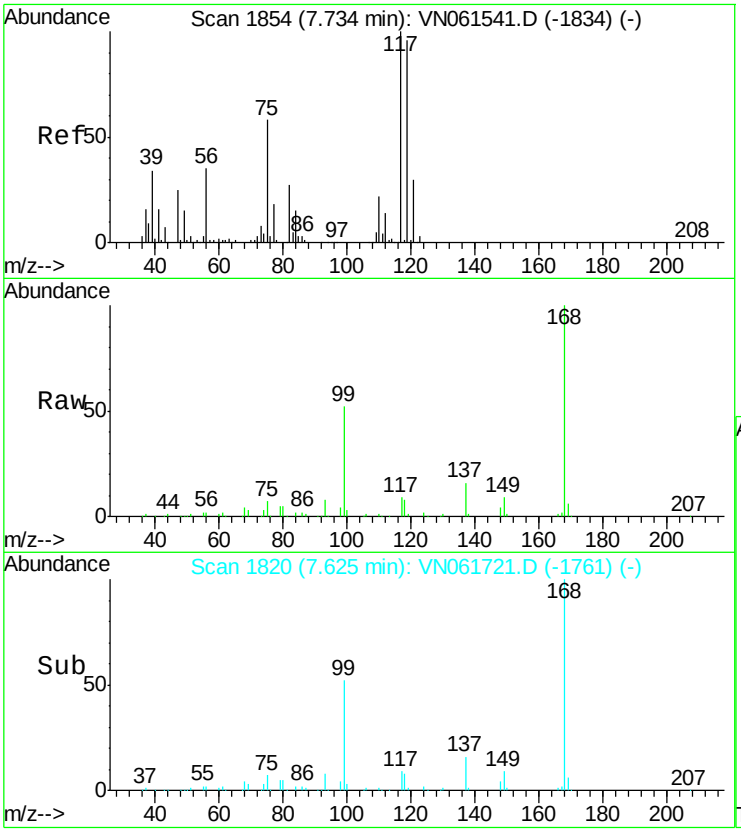


#36
1,1-Dichloropropene
Concen: 4.547 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.13 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Tgt Ion: 75 Resp: 19204

Ion	Ratio	Lower	Upper
75	100		
110	6.2	19.5	58.5#
77	0.0	24.7	37.1#



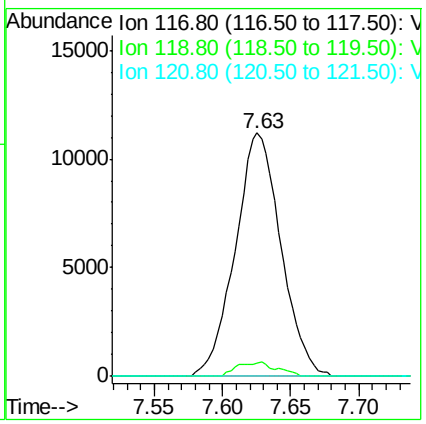


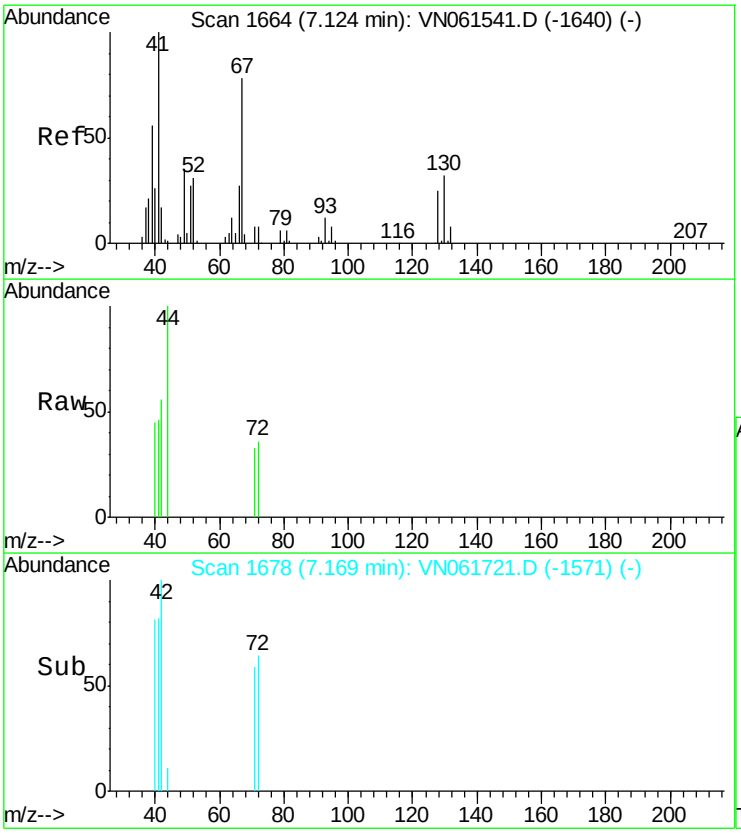
#38
Carbon Tetrachloride
Concen: 6.380 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
PB129410ZHE#02

Tgt Ion:117 Resp: 25988

Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.5	114.7#
121	0.0	24.1	36.1#

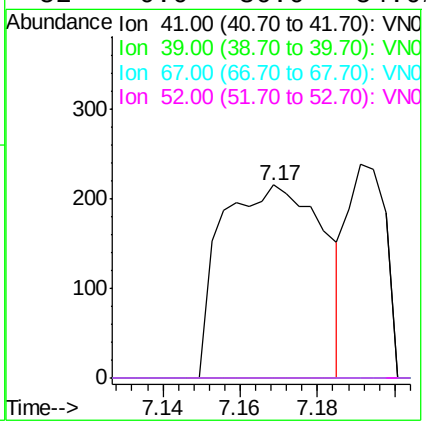


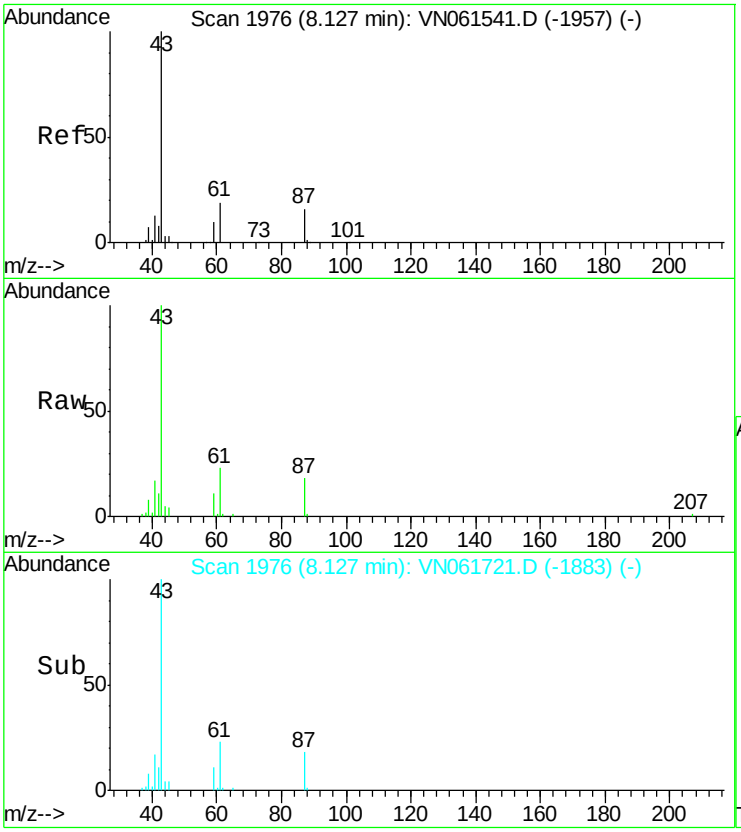


#41
Methacrylonitrile
Concen: 0.253 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.05 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Tgt Ion: 41 Resp: 394

Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.8	80.6#
67	0.0	91.1	136.7#
52	0.0	36.0	54.0#



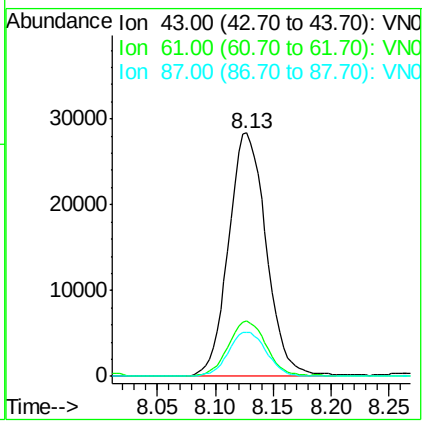


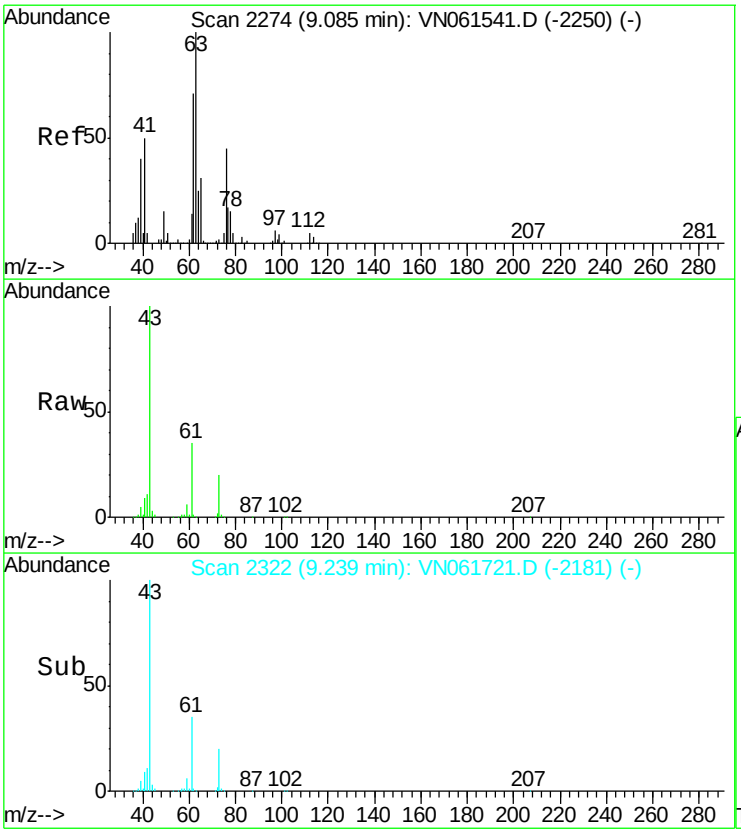
#43
Isopropyl Acetate
Concen: 10.509 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Instrument : MSVOA_N
ClientSampleId : PB129410ZHE#02

Tgt Ion: 43 Resp: 64312

Ion	Ratio	Lower	Upper
43	100		
61	22.9	23.6	35.4#
87	18.1	13.0	19.6

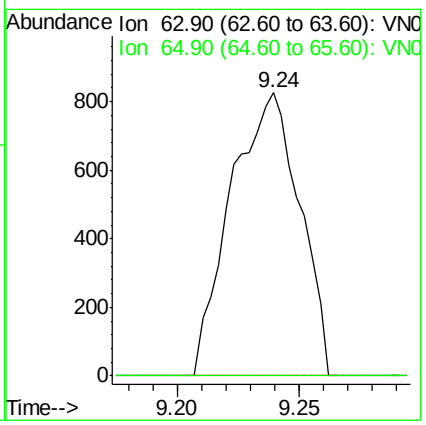


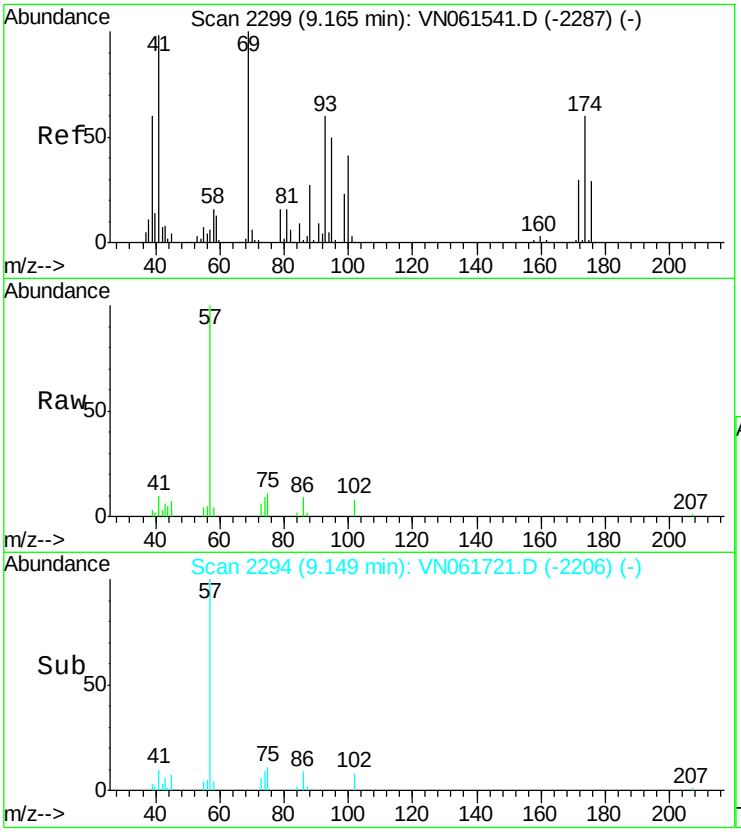


#45
1,2-Dichloropropane
Concen: 0.522 ug/l
RT: 9.24 min Scan# 2322
Delta R.T. 0.15 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Tgt Ion: 63 Resp: 1615

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.7	37.1#



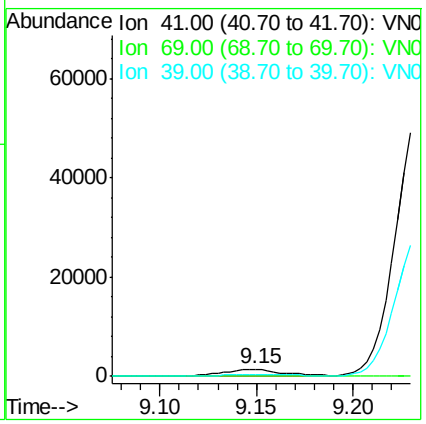


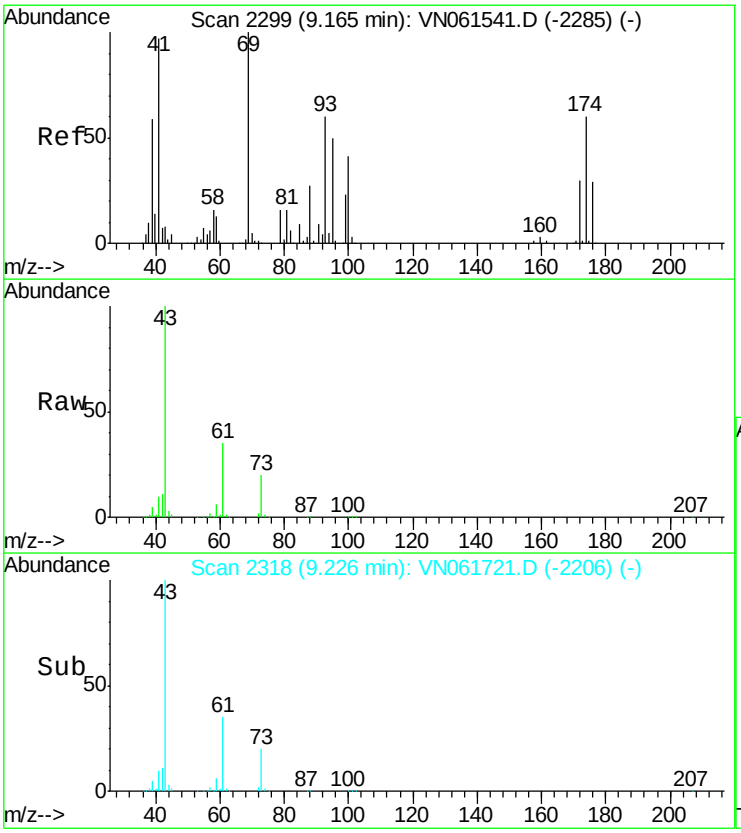
#48
Methyl methacrylate
Concen: 1.121 ug/l
RT: 9.15 min Scan# 2294
Delta R.T. -0.02 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Instrument : MSVOA_N
ClientSampleId : PB129410ZHE#02

Tgt Ion: 41 Resp: 3087

Ion	Ratio	Lower	Upper
41	100		
69	0.0	83.9	125.9#
39	0.0	52.1	78.1#

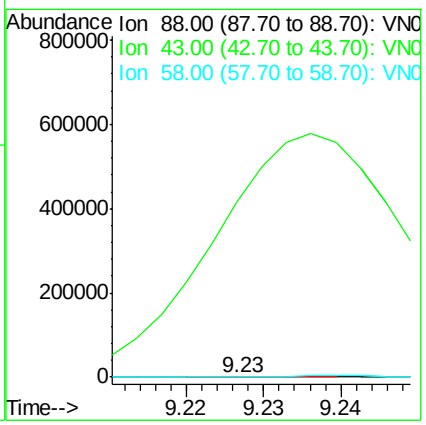


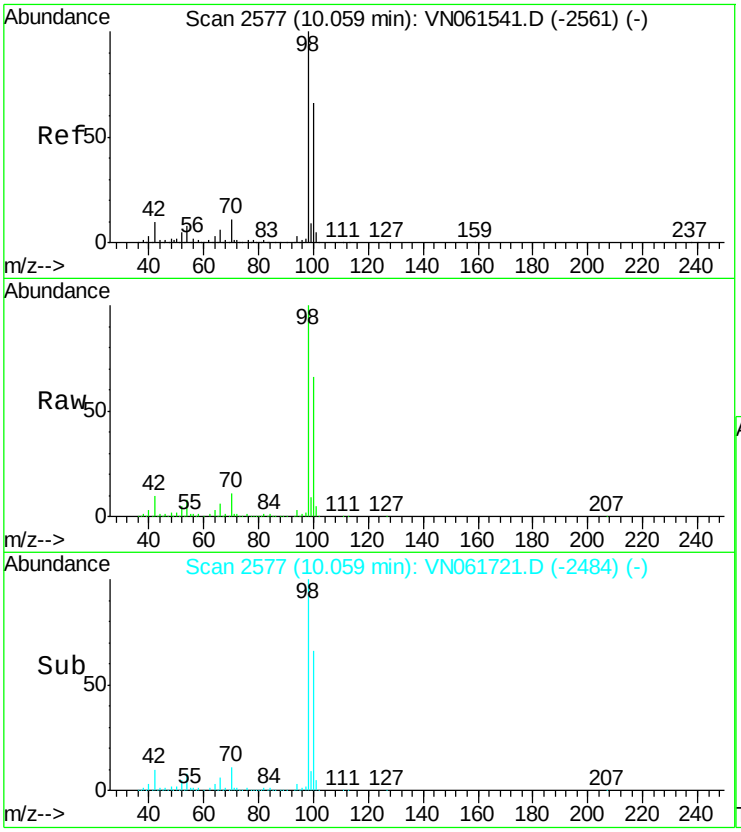


#49
1,4-Dioxane
Concen: 2.321 ug/l
RT: 9.23 min Scan# 2318
Delta R.T. 0.06 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Tgt Ion: 88 Resp: 99

Ion	Ratio	Lower	Upper
88	100		
43	1070790.9	23.1	34.7#
58	5354.5	48.3	72.5#



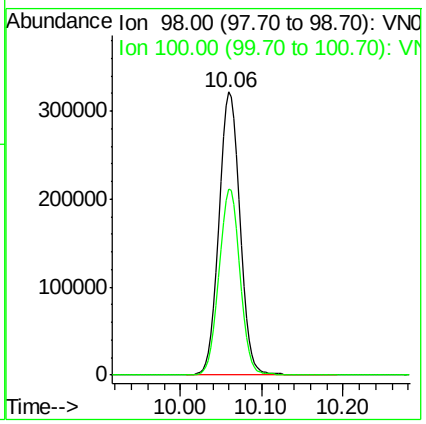


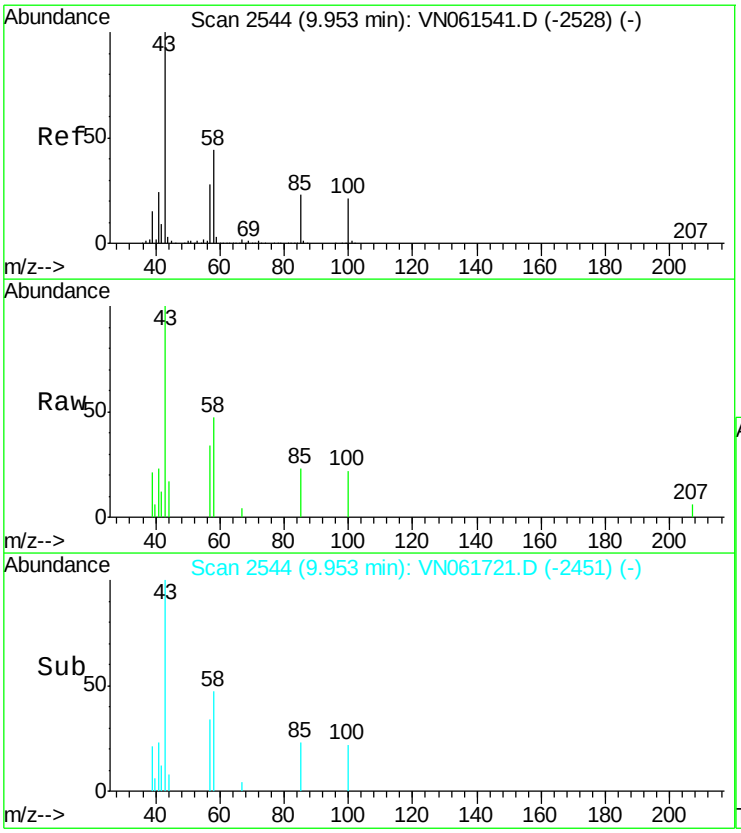
#50
Toluene-d8
Concen: 52.740 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Instrument : MSVOA_N
ClientSampleId : PB129410ZHE#02

Tgt Ion: 98 Resp: 591450

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.8	79.2

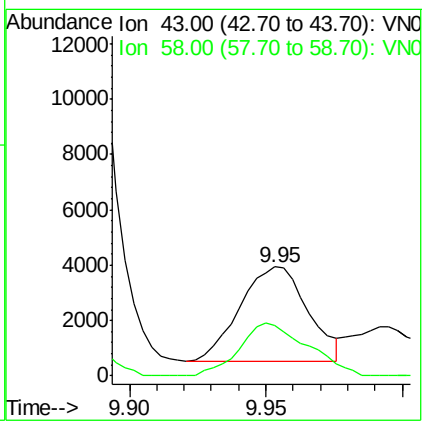


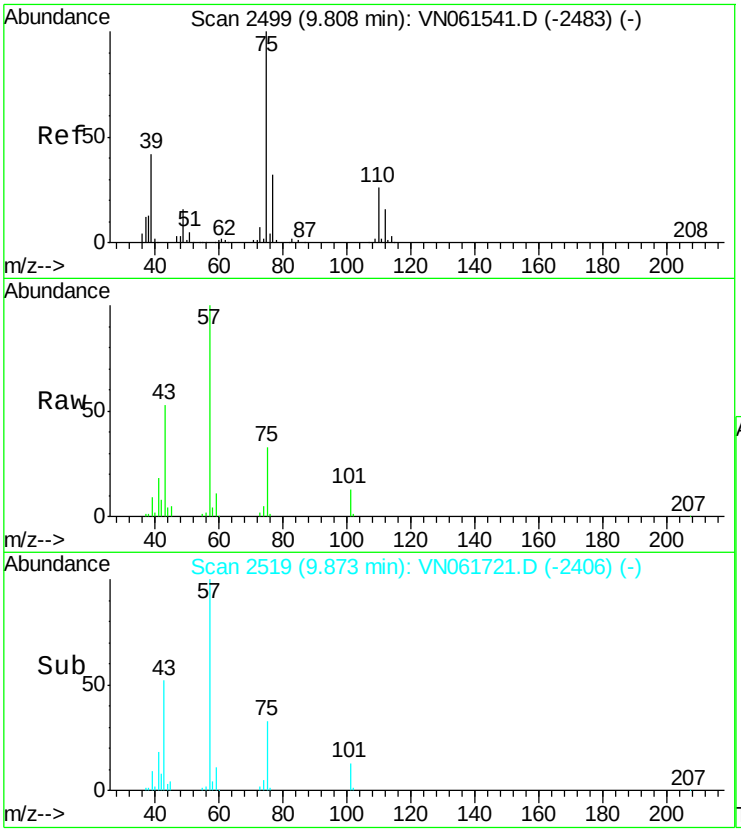


#51
4-Methyl-2-Pentanone
Concen: 1.708 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Tgt Ion: 43 Resp: 5891

Ion	Ratio	Lower	Upper
43	100		
58	55.9	35.0	52.6#



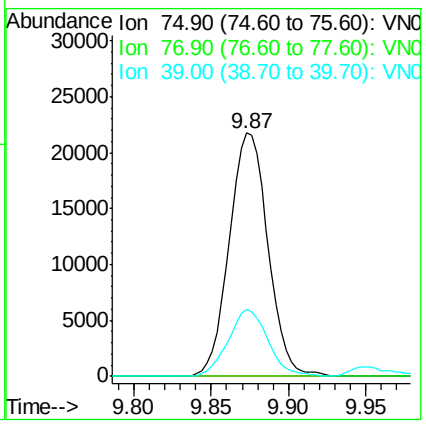


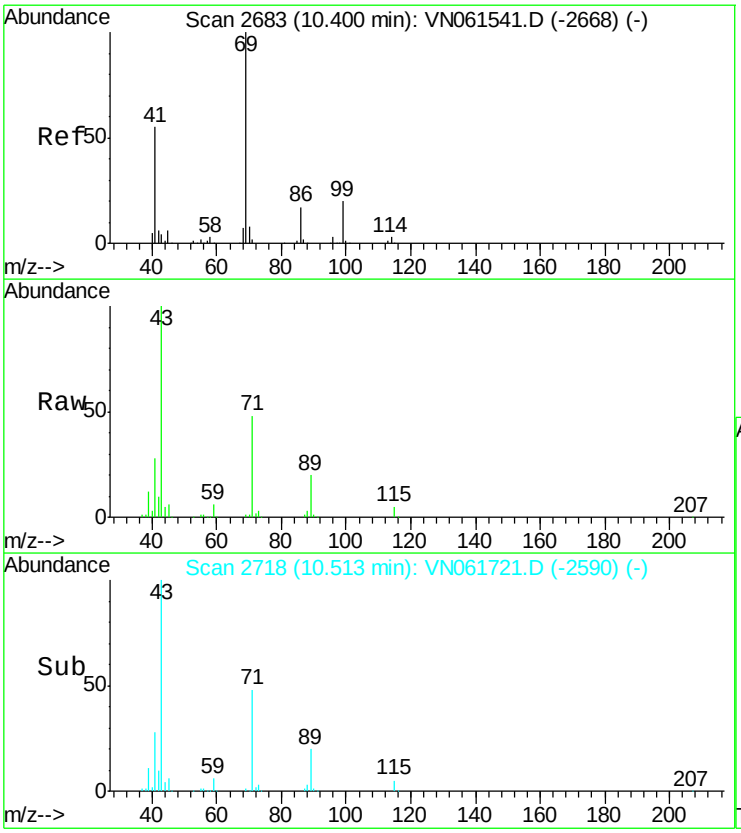
#54
cis-1,3-Dichloropropene
Concen: 6.933 ug/l
RT: 9.87 min Scan# 2519
Delta R.T. 0.06 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
PB129410ZHE#02

Tgt Ion: 75 Resp: 37753

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.2#
39	27.5	33.8	50.6#

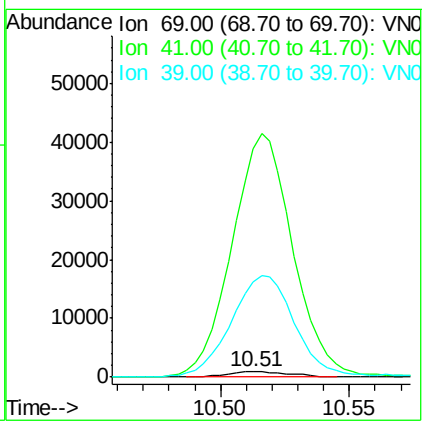


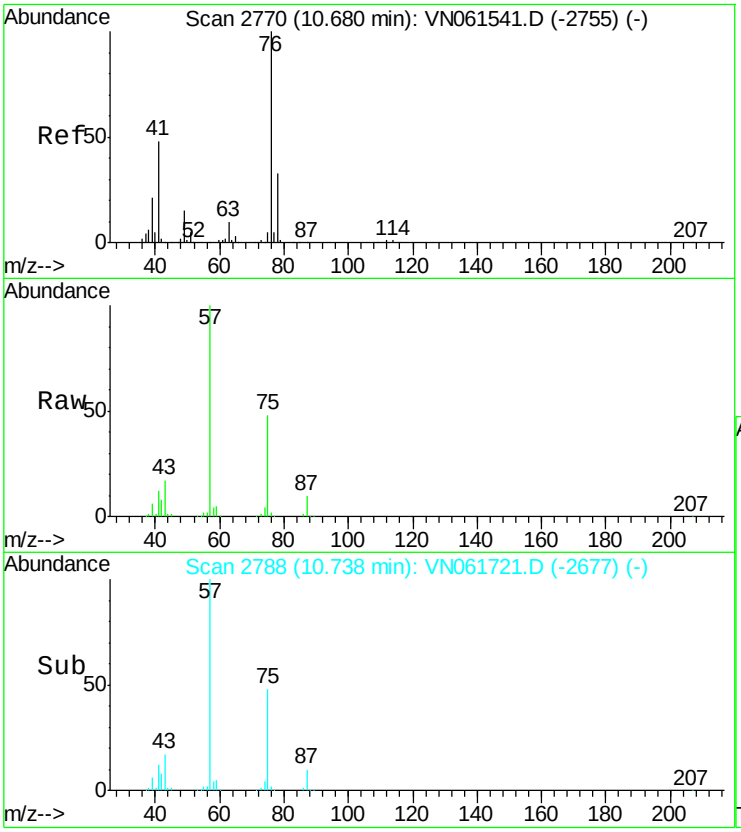


#56
Ethyl methacrylate
Concen: 0.317 ug/l
RT: 10.51 min Scan# 2718
Delta R.T. 0.11 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Tgt Ion: 69 Resp: 1502

Ion	Ratio	Lower	Upper
69	100		
41	4557.3	43.5	65.3#
39	2000.2	27.0	40.6#



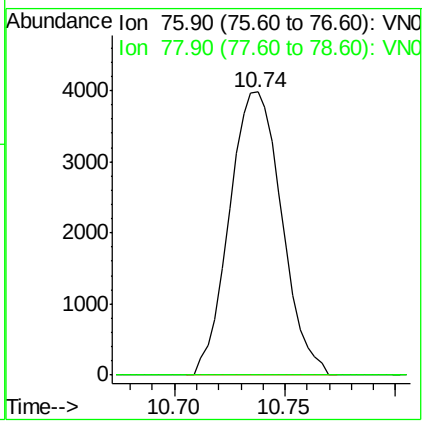


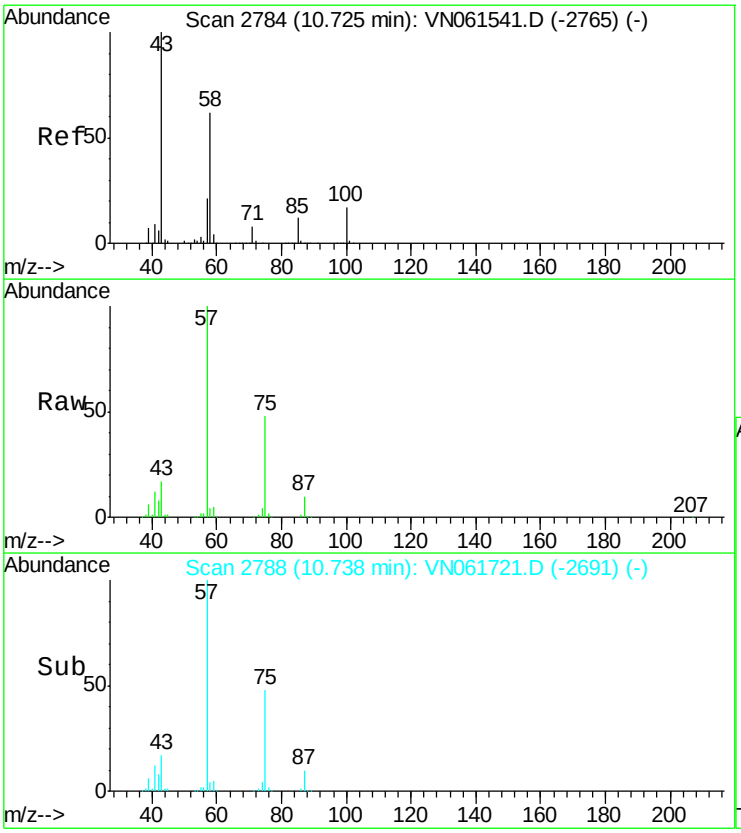
#57
1,3-Dichloropropane
Concen: 1.211 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.06 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
PB129410ZHE#02

Tgt Ion: 76 Resp: 6563

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.3	39.5#

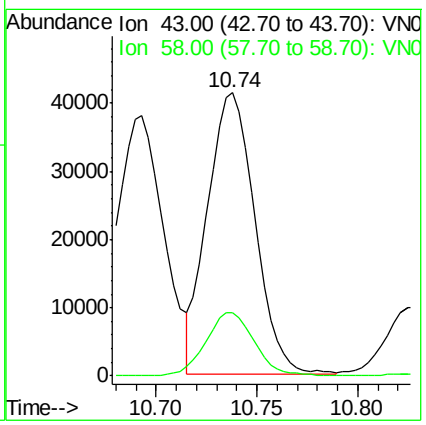


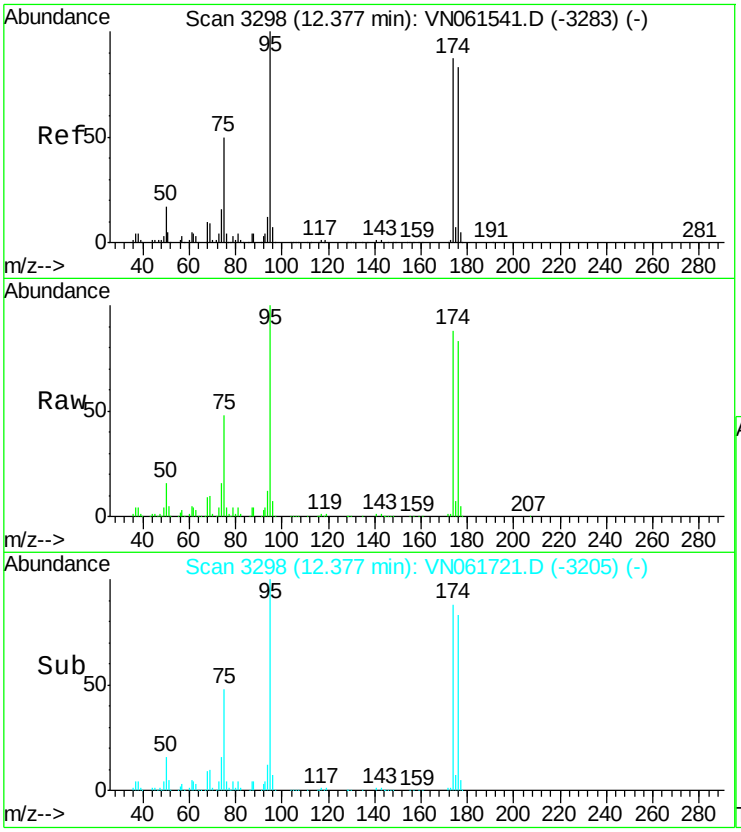


#59
2-Hexanone
Concen: 27.298 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.01 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Tgt Ion: 43 Resp: 67608

Ion	Ratio	Lower	Upper
43	100		
58	23.0	30.7	92.1#



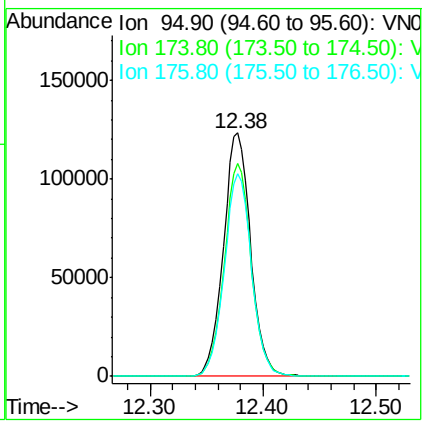


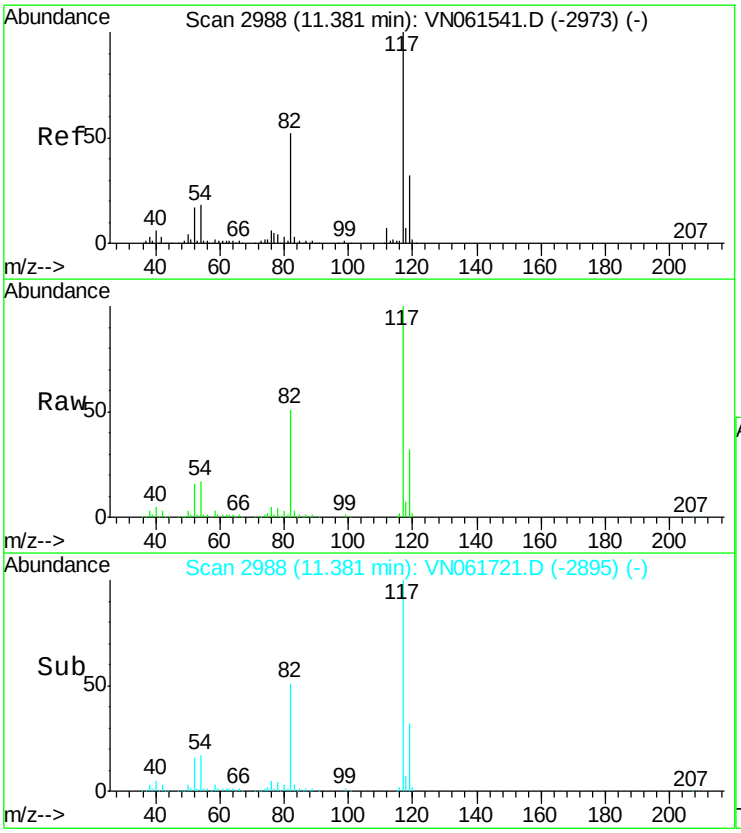
#62
4-Bromofluorobenzene
Concen: 50.444 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
PB129410ZHE#02

Tgt Ion: 95 Resp: 206390

Ion	Ratio	Lower	Upper
95	100		
174	86.6	0.0	172.8
176	83.2	0.0	164.8

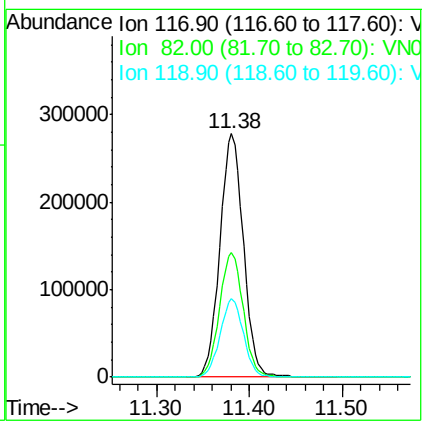


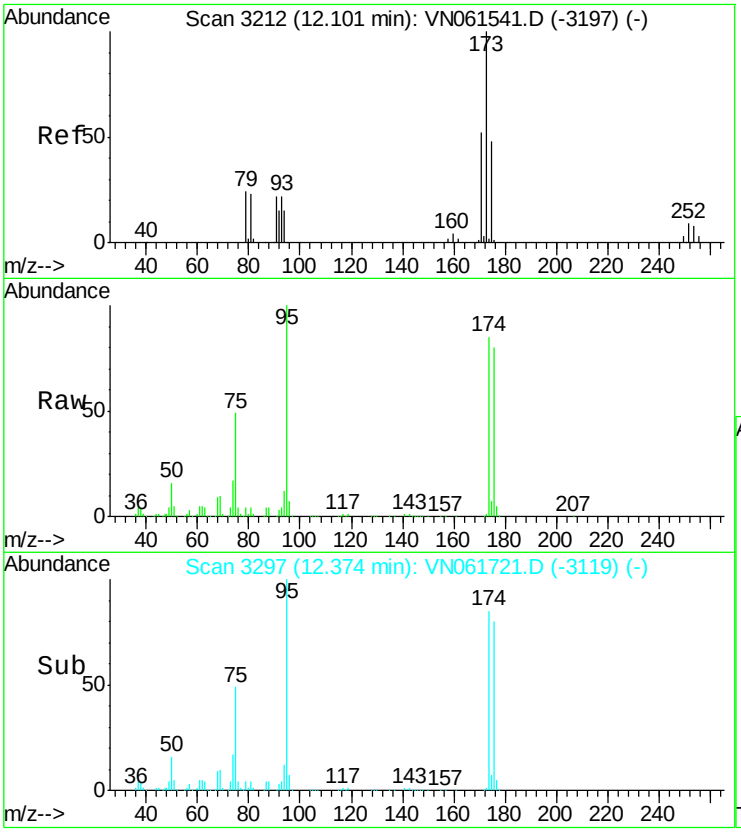


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Tgt Ion:117 Resp: 489118

Ion	Ratio	Lower	Upper
117	100		
82	51.0	41.5	62.3
119	32.1	25.6	38.4



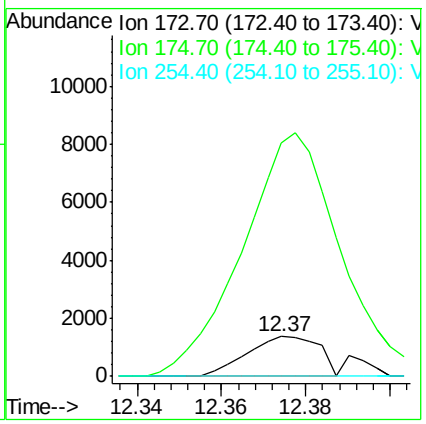


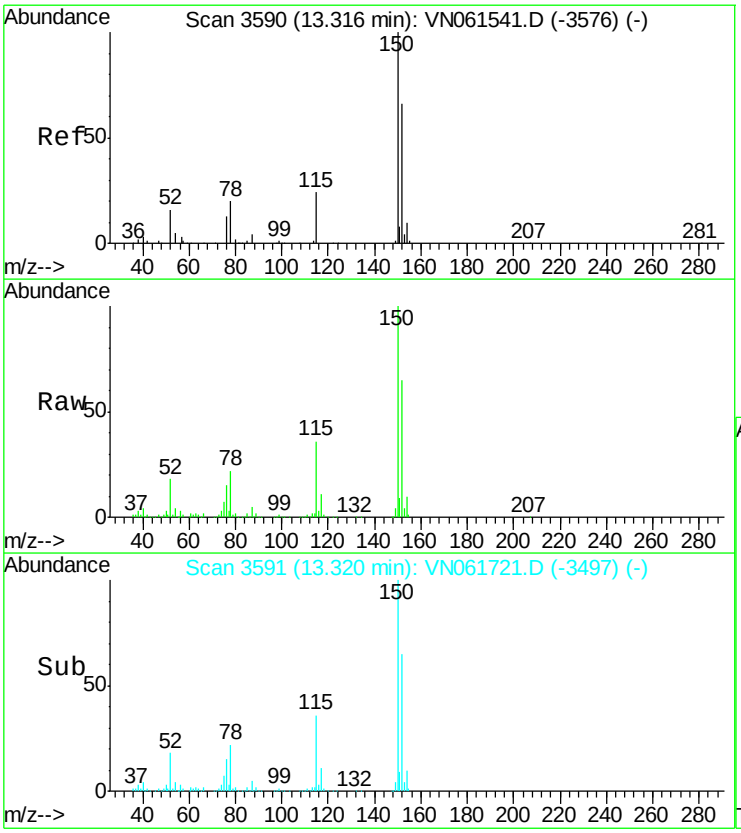
#71
Bromoform
Concen: 0.558 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.27 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
PB129410ZHE#02

Tgt Ion:173 Resp: 1628

Ion	Ratio	Lower	Upper
173	100		
175	714.9	24.4	73.2#
254	0.0	0.0	0.0

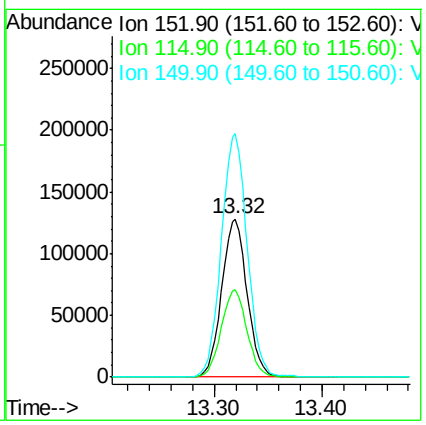


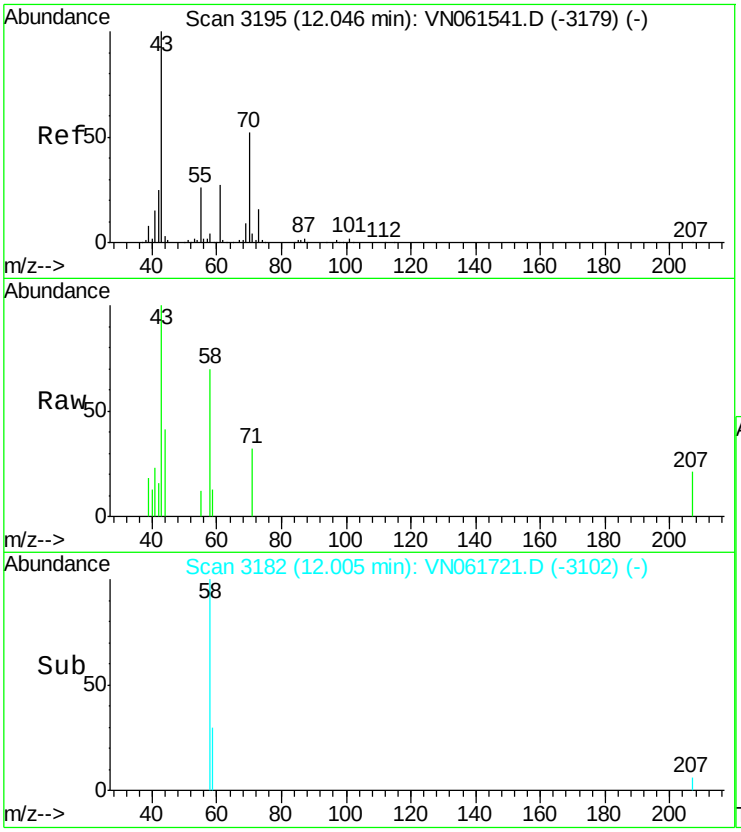


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Tgt Ion:152 Resp: 210205

Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.0	84.0
150	156.5	0.0	344.0



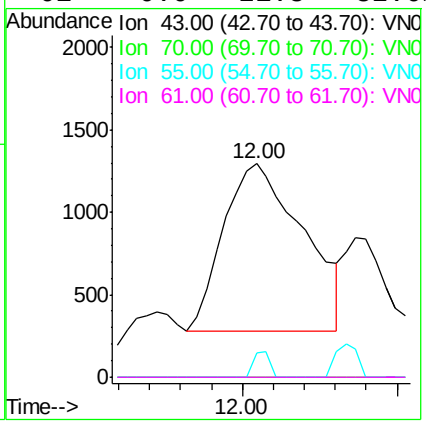


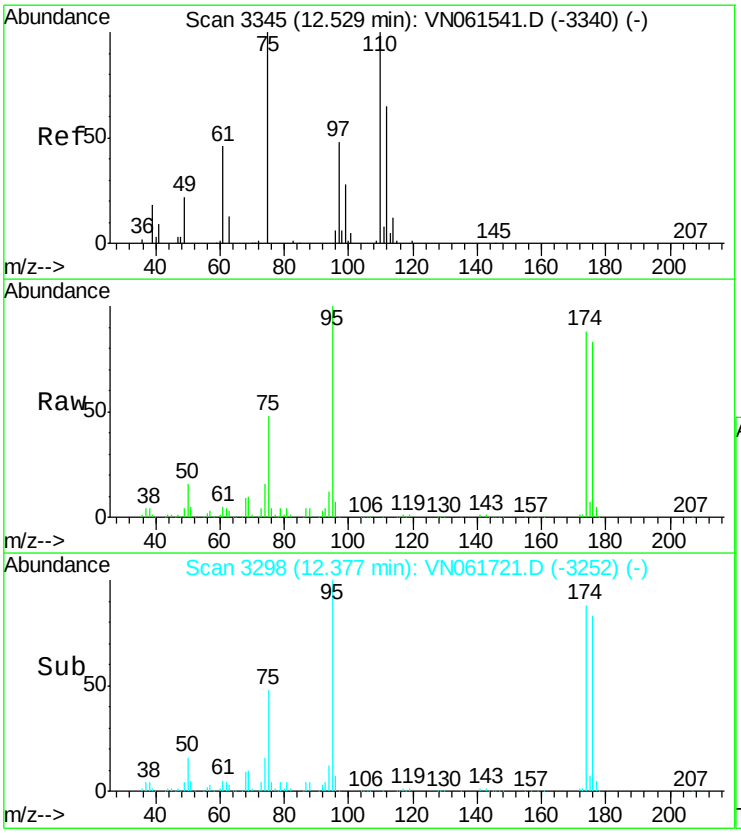
#74
N-amyl acetate
Concen: 0.377 ug/l
RT: 12.00 min Scan# 3182
Delta R.T. -0.04 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Instrument : MSVOA_N
ClientSampleId : PB129410ZHE#02

Tgt Ion: 43 Resp: 1821

Ion	Ratio	Lower	Upper
43	100		
70	0.0	40.5	60.7#
55	3.3	20.6	31.0#
61	0.0	21.8	32.6#

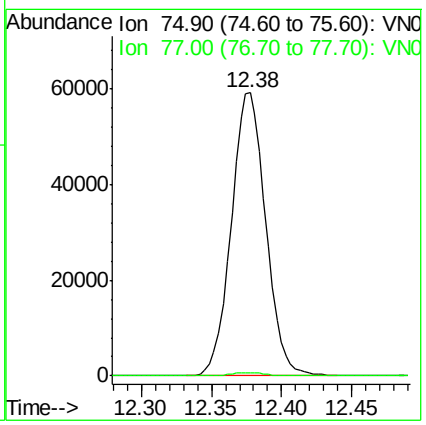


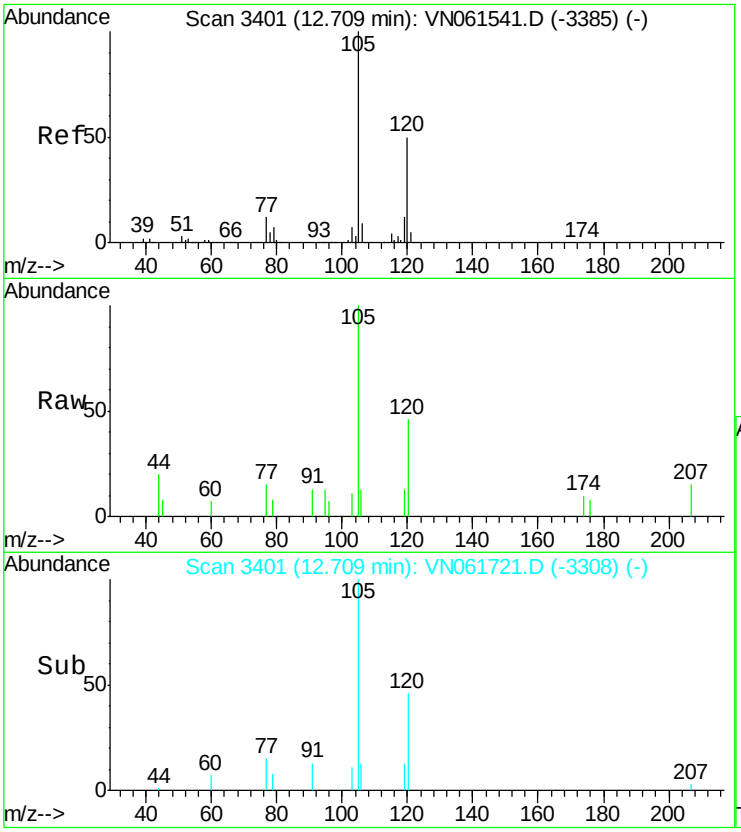


#76
1,2,3-Trichloropropane
Concen: 26.445 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.15 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Tgt Ion: 75 Resp: 101080

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



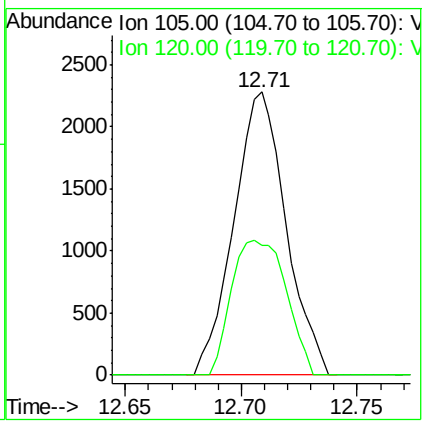


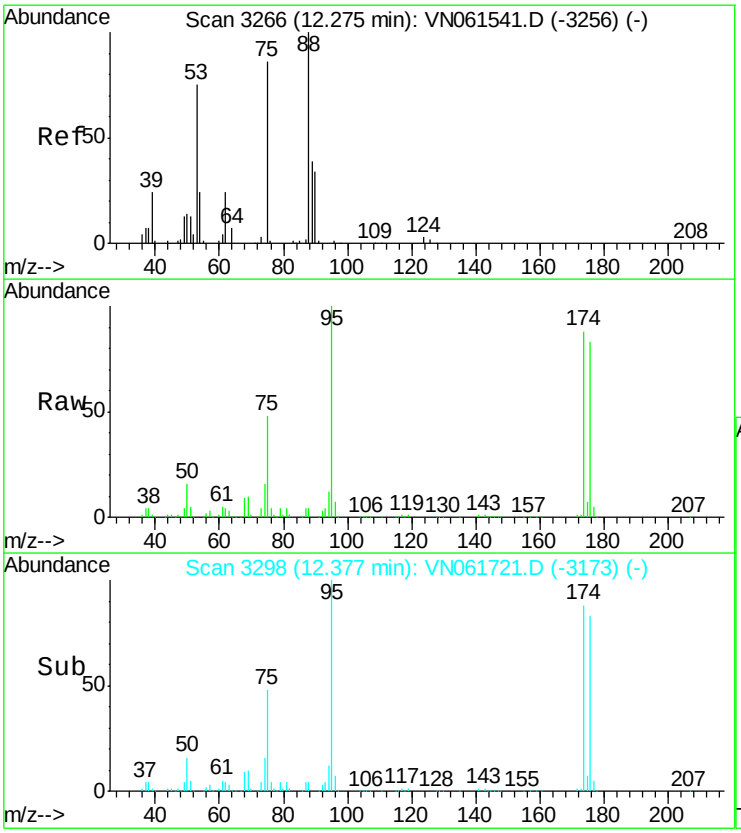
#80
1,3,5-Trimethylbenzene
Concen: 0.278 ug/l
RT: 12.71 min Scan# 3401
Delta R.T. 0.00 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
PB129410ZHE#02

Tgt Ion:105 Resp: 3571

Ion	Ratio	Lower	Upper
105	100		
120	49.8	25.1	75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 67.626 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.10 min
Lab File: VN061721.D
Acq: 9 Jun 2020 13:17

Tgt Ion: 75 Resp: 101080

Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.8	101.8#
89	0.0	37.1	55.7#