Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070120\
Data File : VN062320.D
Acq On : 2 Jul 2020 4:21
Operator : JC/MD
Sample : PB129873ZHE#06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB129873ZHE#06

Quant Time: Jul 02 06:59:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	195989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	423103	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	416364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	141423	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	166333	60.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 120.96%			
35) Dibromofluoromethane	7.55	113	131624	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.98%			
50) Toluene-d8	10.06	98	552668	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.88%			
62) 4-Bromofluorobenzene	12.38	95	175429	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.70%			
Target Compounds						Qvalue
3) Chloromethane	2.03	50	274	Below Cal	#	41
11) Tert butyl alcohol	4.72	59	487	1.233	ug/l #	72
16) Acetone	3.78	43	12663	10.792	ug/l	95
18) Methyl Acetate	4.29	43	7240	3.311	ug/l #	85
20) Methylene Chloride	4.50	84	7411	2.730	ug/l	92
25) 2-Butanone	6.79	43	1648	1.226	ug/l #	88
29) Tetrahydrofuran	7.17	42	367	0.417	ug/l #	34
31) Cyclohexane	7.63	56	5210	1.371	ug/l #	20
36) 1,1-Dichloropropene	7.63	75	18575	4.368	ug/l #	48
38) Carbon Tetrachloride	7.63	117	20593	5.136	ug/l #	16
43) Isopropyl Acetate	8.13	43	72147	12.568	ug/l	97
45) 1,2-Dichloropropane	9.23	63	1879	0.588	ug/l #	43
48) Methyl methacrylate	9.15	41	4159	1.616	ug/l #	6
49) 1,4-Dioxane	9.24	88	89	1.559	ug/l #	1
51) 4-Methyl-2-Pentanone	9.95	43	7127	2.125	ug/l	95
54) cis-1,3-Dichloropropene	9.88	75	33346	6.503	ug/l #	70
56) Ethyl methacrylate	10.52	69	1883	0.454	ug/l #	1
57) 1,3-Dichloropropane	10.73	76	6389	1.194	ug/l #	42
59) 2-Hexanone	10.74	43	83909	34.645	ug/l #	49
71) Bromoform	12.38	173	1513	0.673	ug/l #	1
74) N-amyl acetate	12.00	43	4083	4.289	ug/l #	39
76) 1,2,3-Trichloropropane	12.38	75	91715	27.549	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	6707	0.756	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.38	75	91715	80.452	ug/l #	13

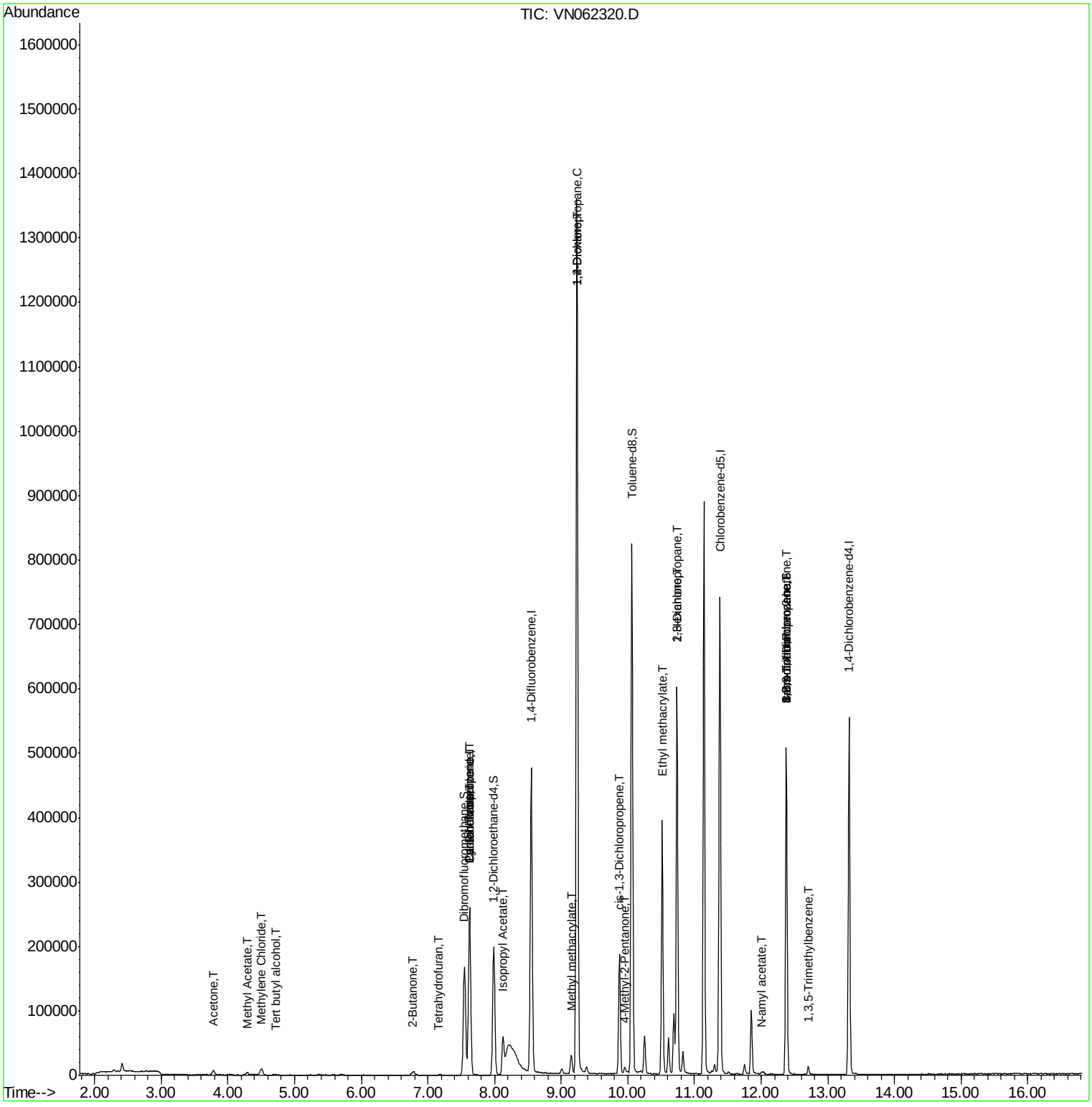
(#) = qualifier out of range (m) = manual integration (+) = signals summed

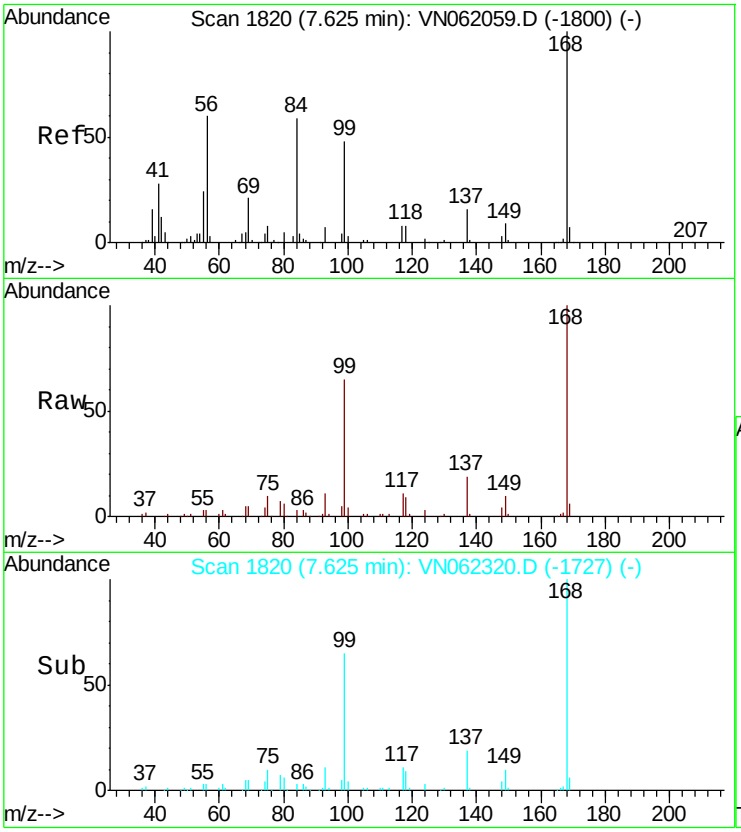
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070120\
Data File : VN062320.D
Acq On : 2 Jul 2020 4:21
Operator : JC/MD
Sample : PB129873ZHE#06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB129873ZHE#06

Quant Time: Jul 02 06:59:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration



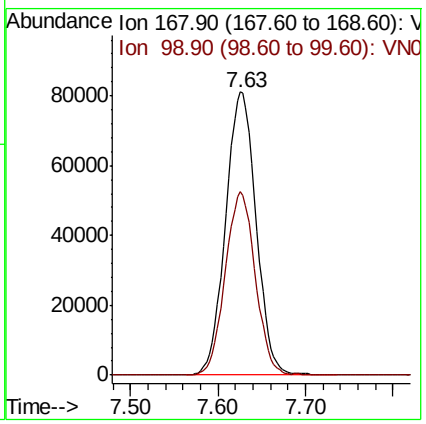


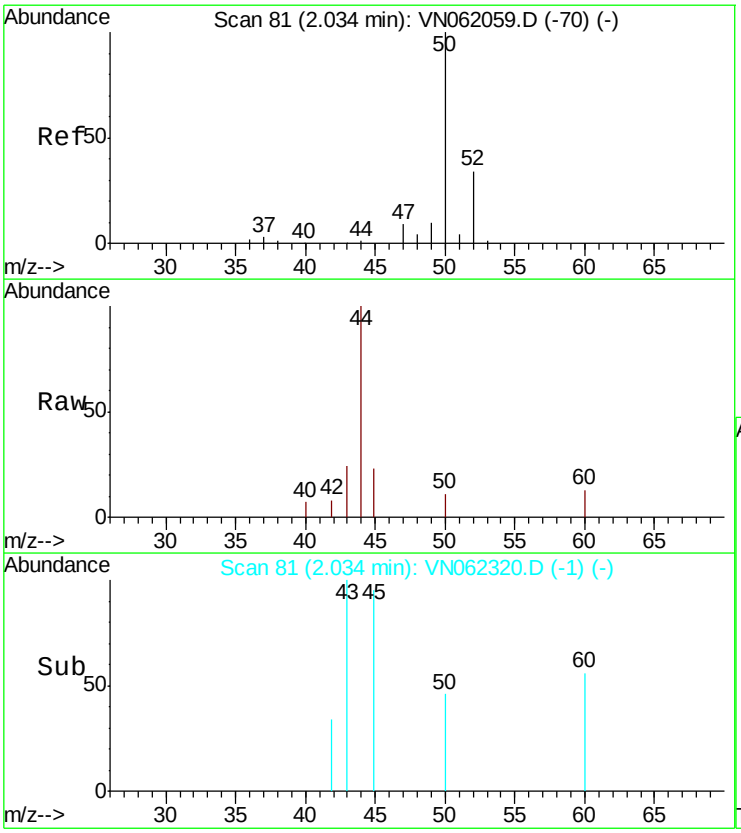
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.00 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Instrument :
MSVOA_N
ClientSampleId :
PB129873ZHE#06

Tgt Ion:168 Resp: 195989

Ion	Ratio	Lower	Upper
168	100		
99	64.9	45.8	68.8

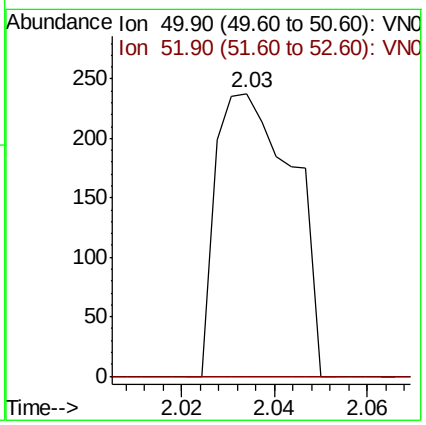


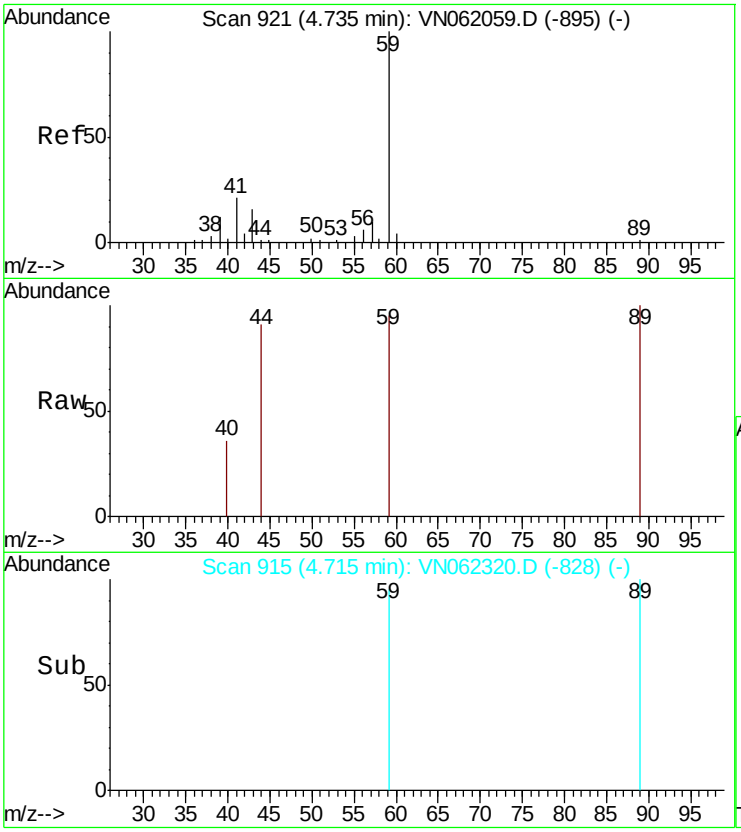


#3
Chloromethane
Concen: Below Cal
RT: 2.03 min Scan# 81
Delta R.T. 0.00 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Tgt Ion: 50 Resp: 274

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.0	40.6#



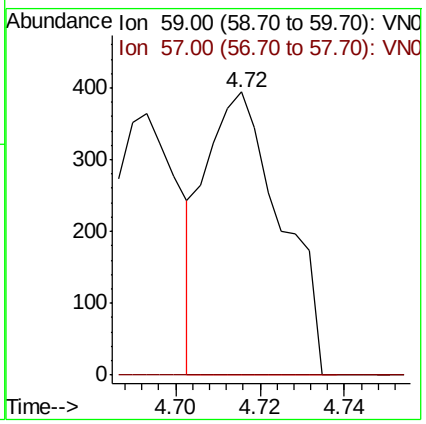


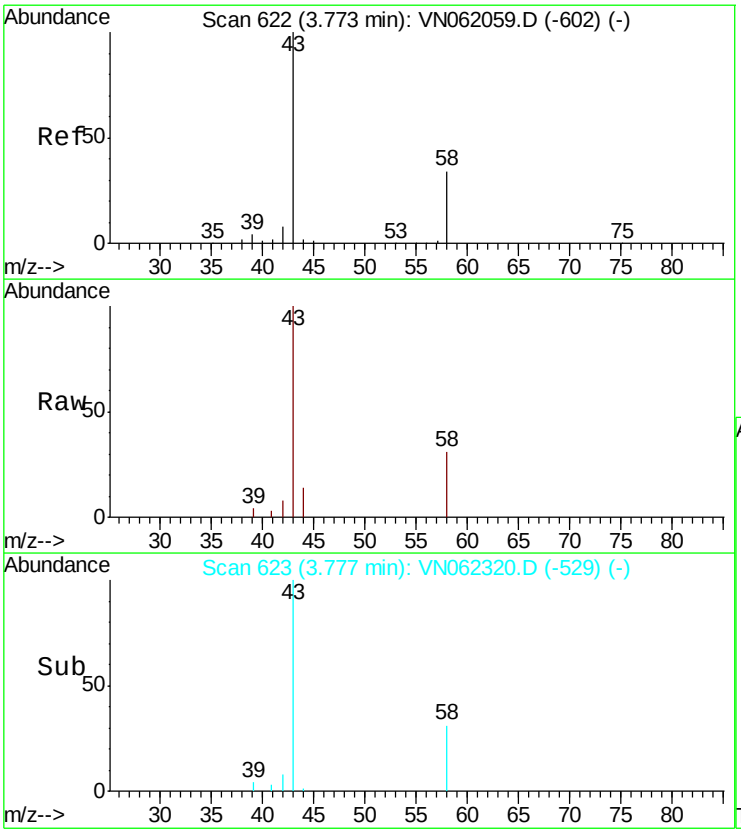
#11
Tert butyl alcohol
Concen: 1.233 ug/l
RT: 4.72 min Scan# 915
Delta R.T. -0.02 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Instrument :
MSVOA_N
ClientSampleId :
PB129873ZHE#06

Tgt Ion: 59 Resp: 487

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

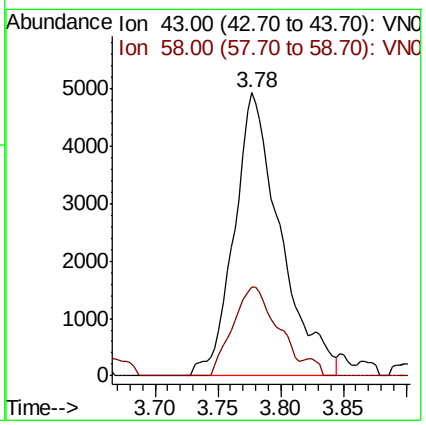


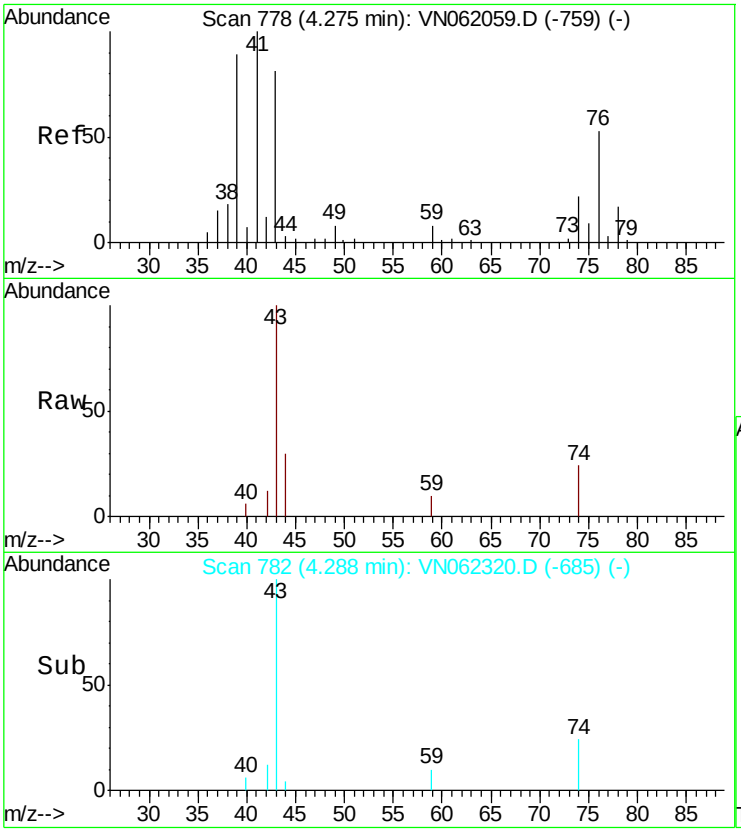


#16
Acetone
Concen: 10.792 ug/l
RT: 3.78 min Scan# 623
Delta R.T. 0.00 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Tgt Ion: 43 Resp: 12663

Ion	Ratio	Lower	Upper
43	100		
58	31.4	27.5	41.3



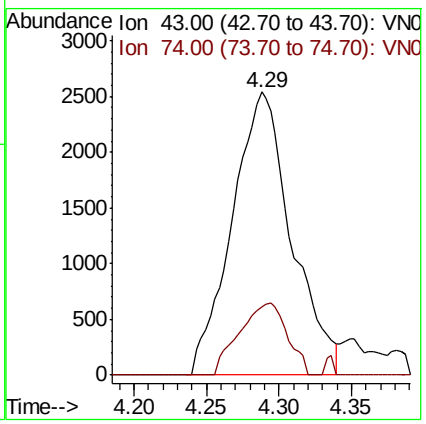


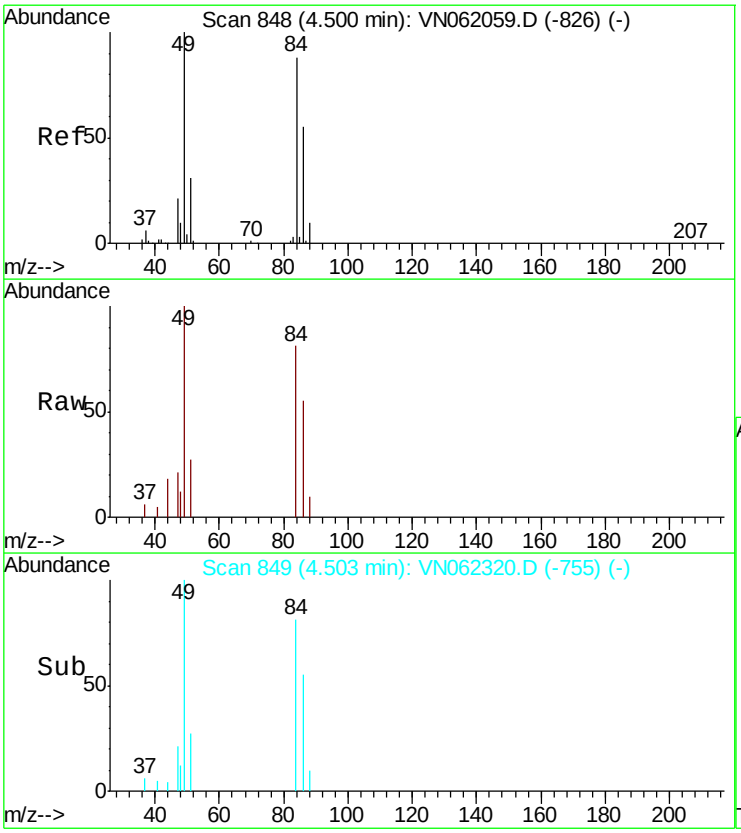
#18
Methyl Acetate
Concen: 3.311 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Instrument : MSVOA_N
ClientSampleId : PB129873ZHE#06

Tgt Ion: 43 Resp: 7240

Ion	Ratio	Lower	Upper
43	100		
74	20.6	22.9	34.3#

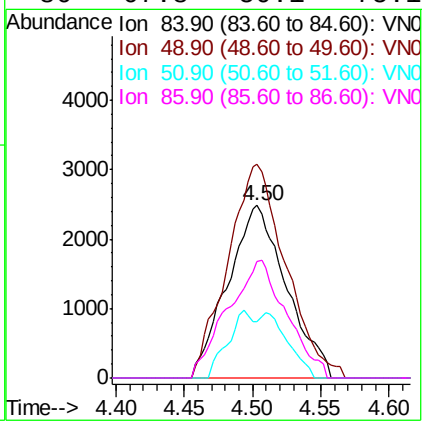


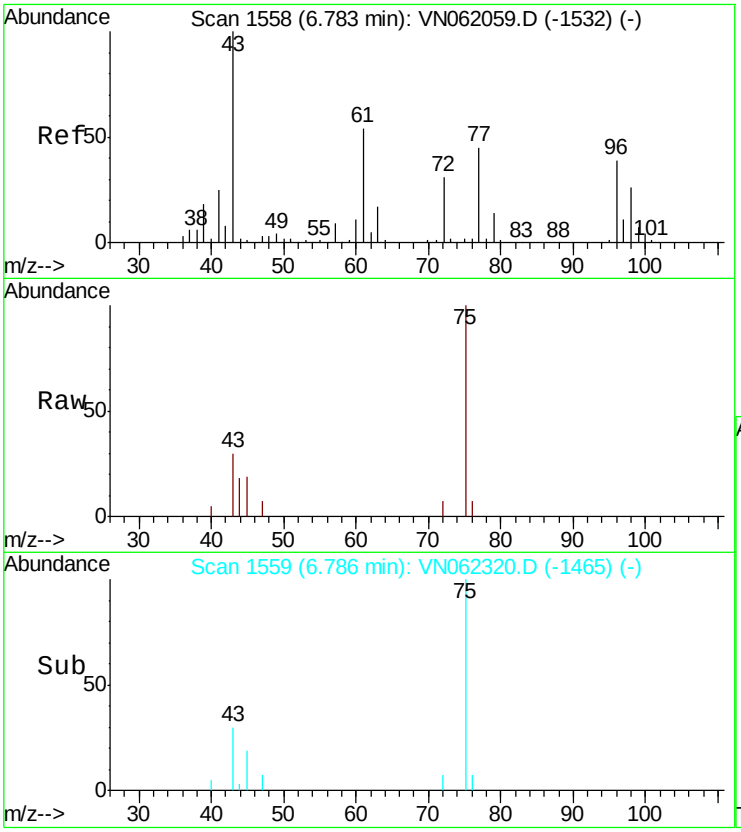


#20
Methylene Chloride
Concen: 2.730 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Tgt Ion: 84 Resp: 7411

Ion	Ratio	Lower	Upper
84	100		
49	123.8	90.6	136.0
51	33.0	27.8	41.8
86	67.8	50.1	75.1



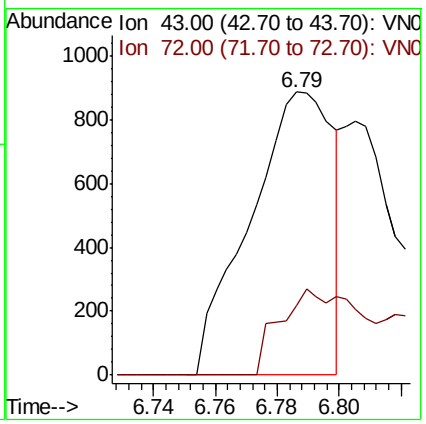


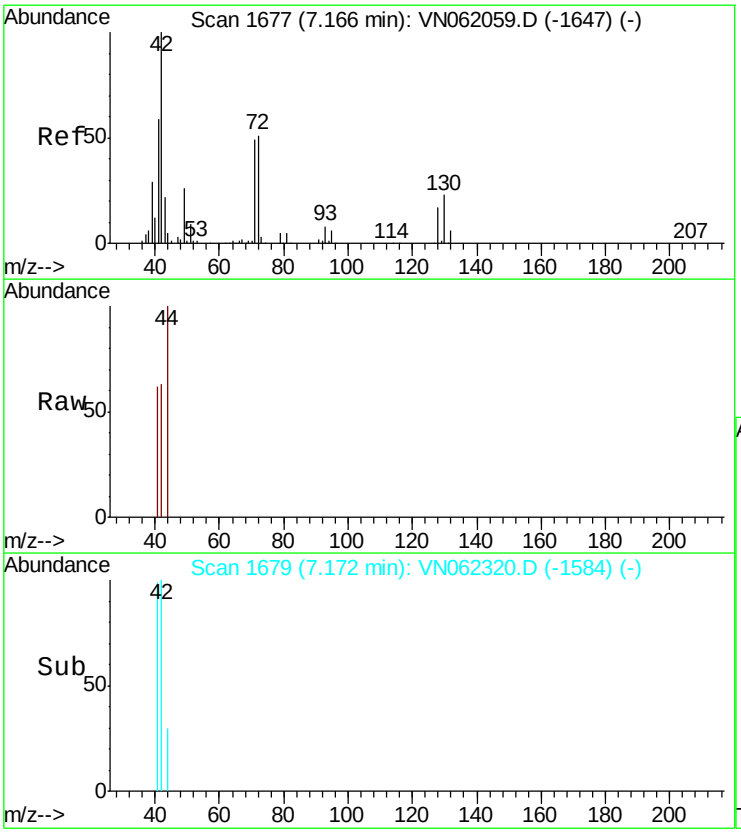
#25
2-Butanone
Concen: 1.226 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Instrument : MSVOA_N
ClientSampleId : PB129873ZHE#06

Tgt Ion: 43 Resp: 1648

Ion	Ratio	Lower	Upper
43	100		
72	24.4	24.8	37.2#

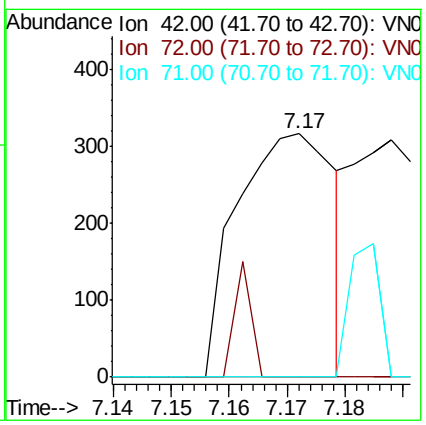


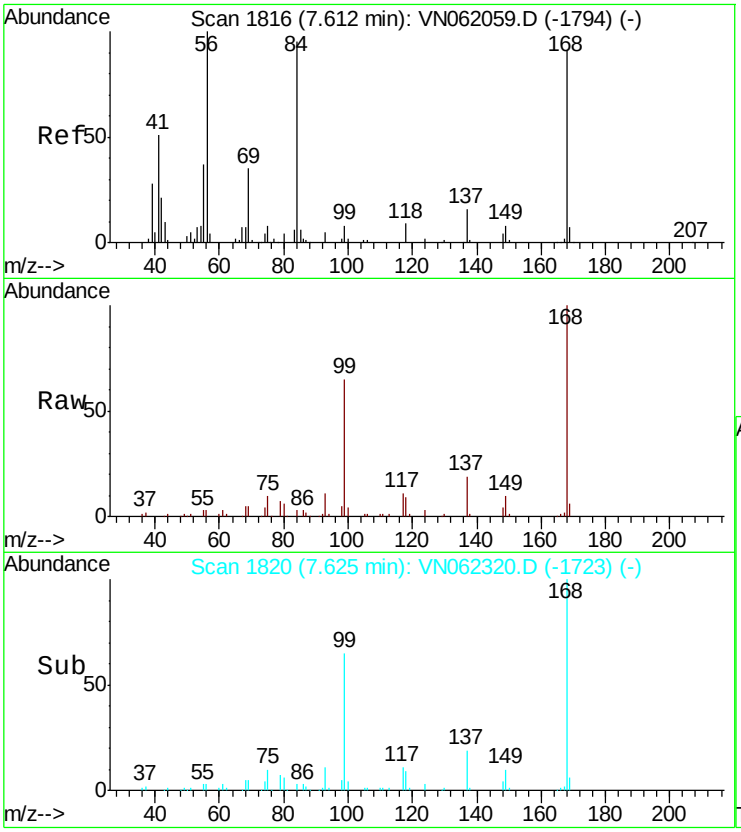


#29
Tetrahydrofuran
Concen: 0.417 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.01 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Tgt Ion: 42 Resp: 367

Ion	Ratio	Lower	Upper
42	100		
72	7.9	41.1	61.7#
71	0.0	38.2	57.4#



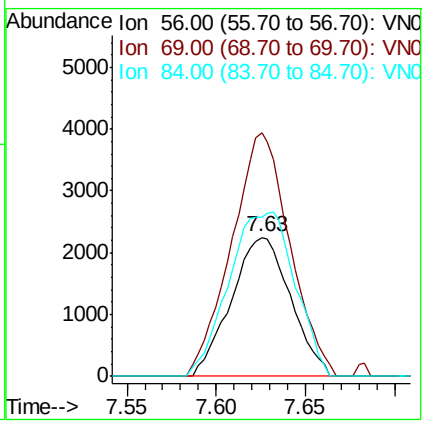


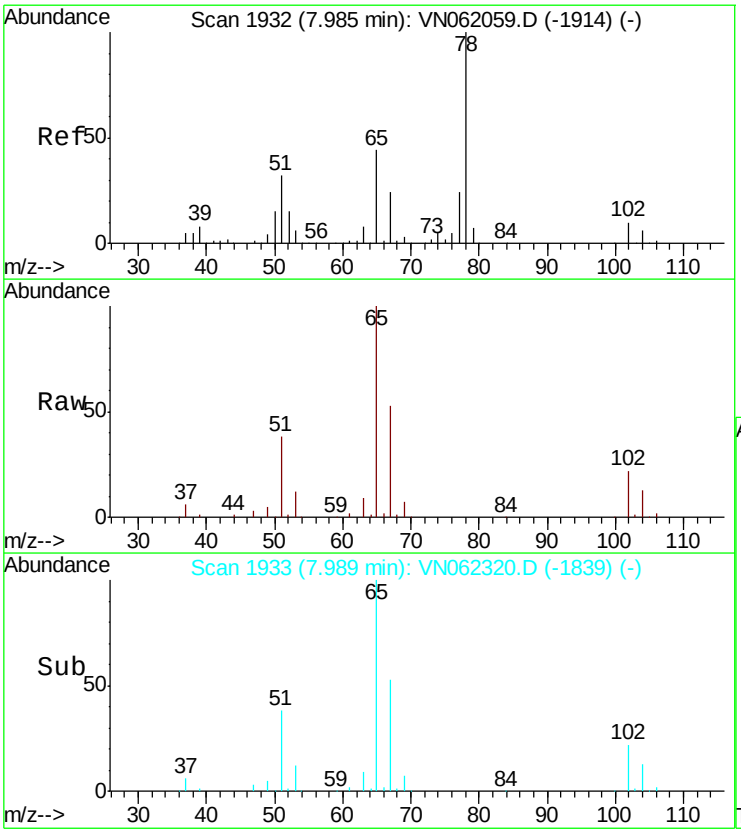
#31
Cyclohexane
Concen: 1.371 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Instrument : MSVOA_N
ClientSampleId : PB129873ZHE#06

Tgt Ion: 56 Resp: 5210

Ion	Ratio	Lower	Upper
56	100		
69	175.0	28.0	42.0#
84	114.6	76.1	114.1#

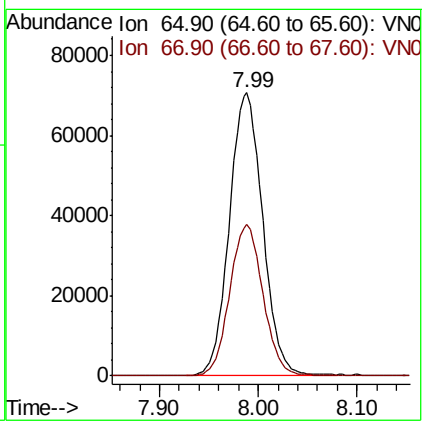


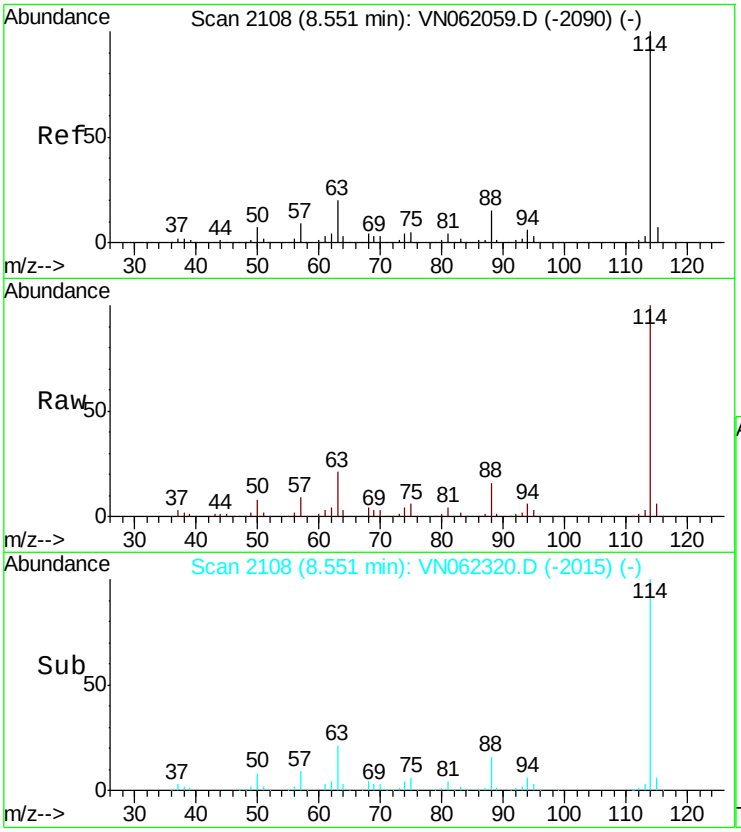


#33
1,2-Dichloroethane-d4
Concen: 60.476 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Tgt Ion: 65 Resp: 166333

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	106.2



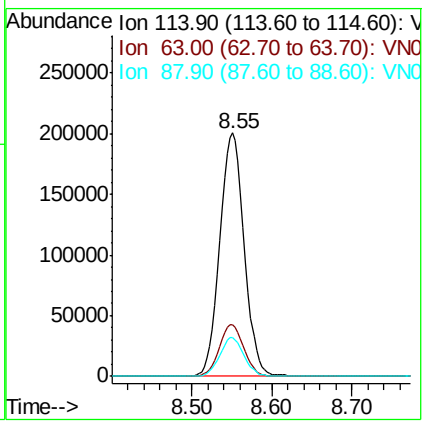


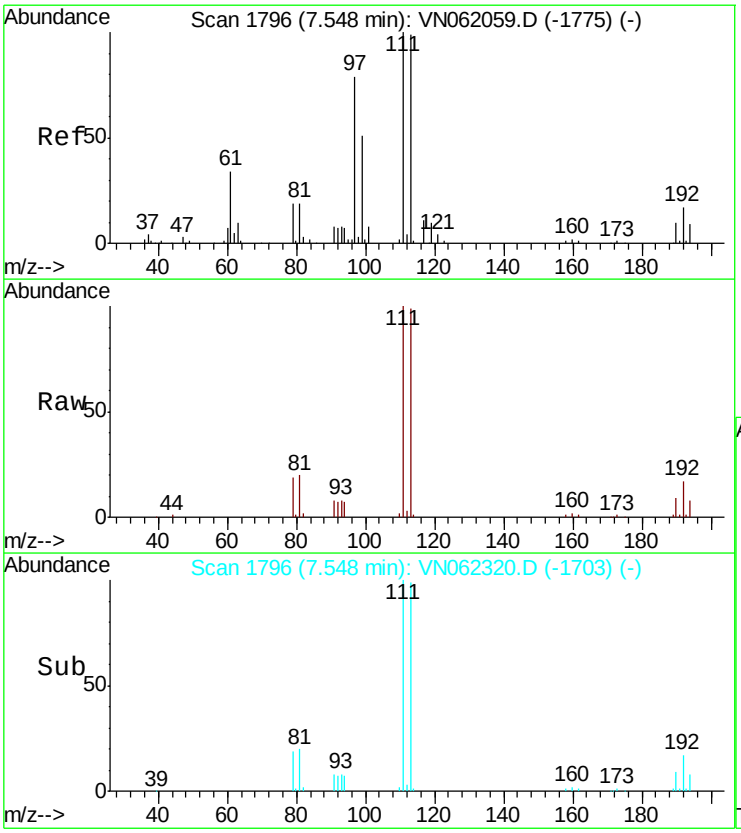
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Instrument :
MSVOA_N
ClientSampleId :
PB129873ZHE#06

Tgt Ion:114 Resp: 423103

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	39.2
88	15.7	0.0	30.8

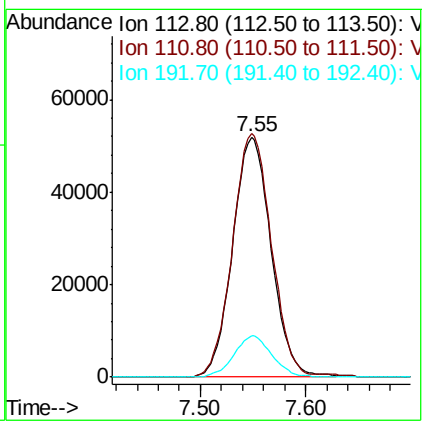


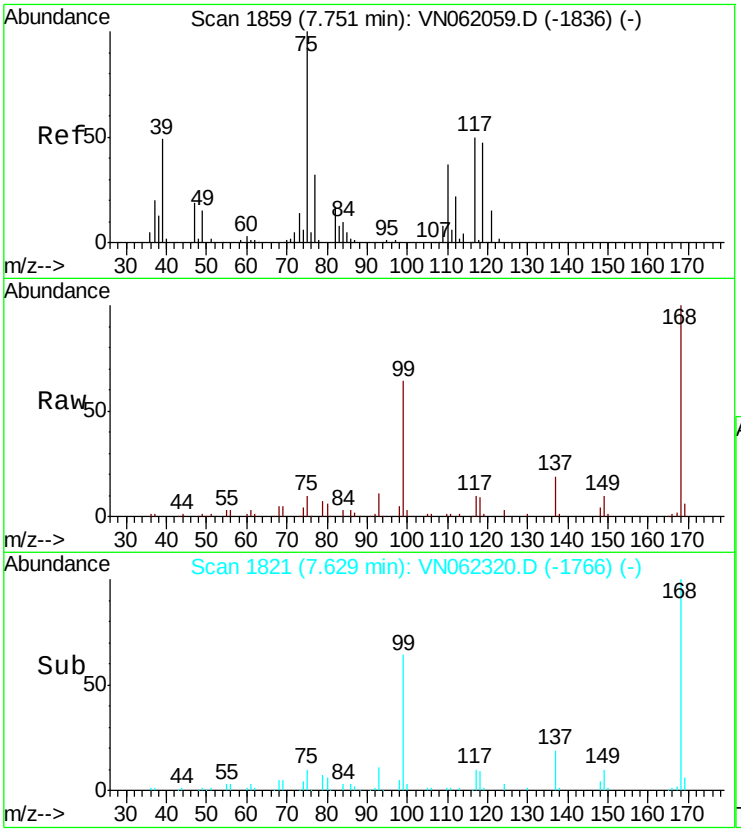


#35
Dibromofluoromethane
Concen: 48.491 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Tgt Ion:113 Resp: 131624

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	16.8	14.0	21.0



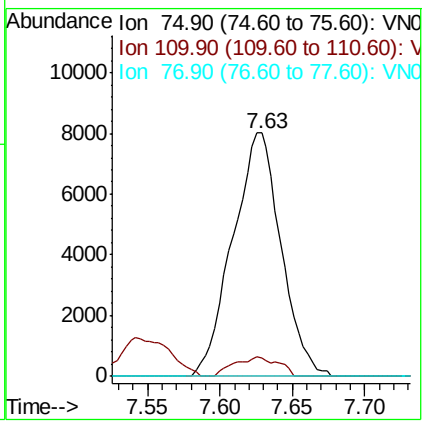


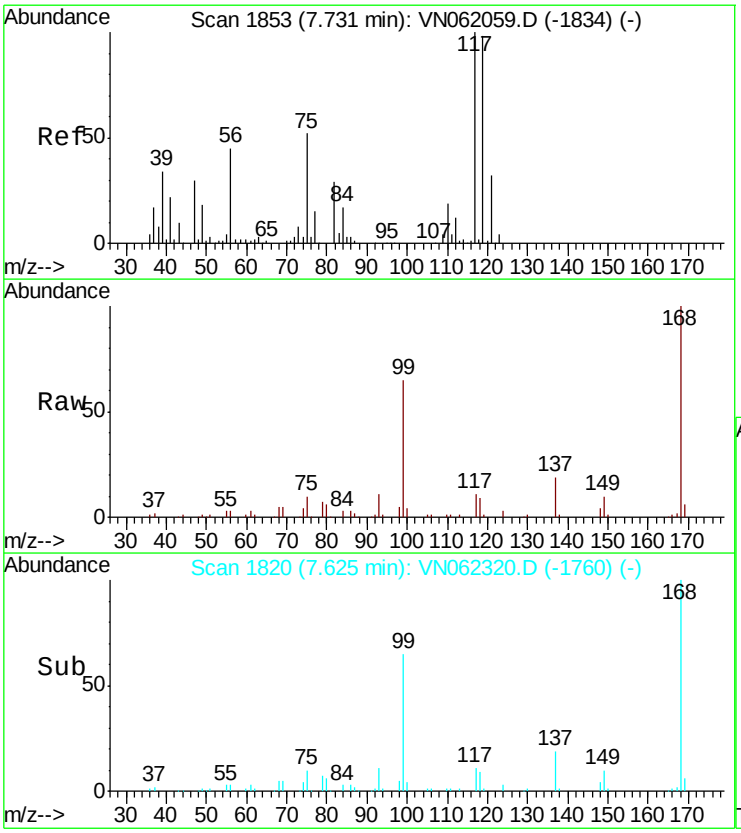
#36
1,1-Dichloropropene
Concen: 4.368 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.12 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Instrument :
MSVOA_N
ClientSampleId :
PB129873ZHE#06

Tgt Ion: 75 Resp: 18575

Ion	Ratio	Lower	Upper
75	100		
110	7.3	17.9	53.8#
77	0.0	24.9	37.3#

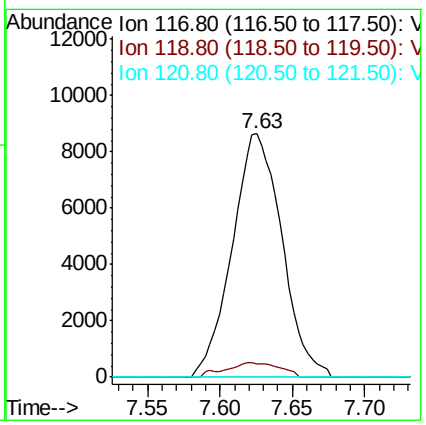


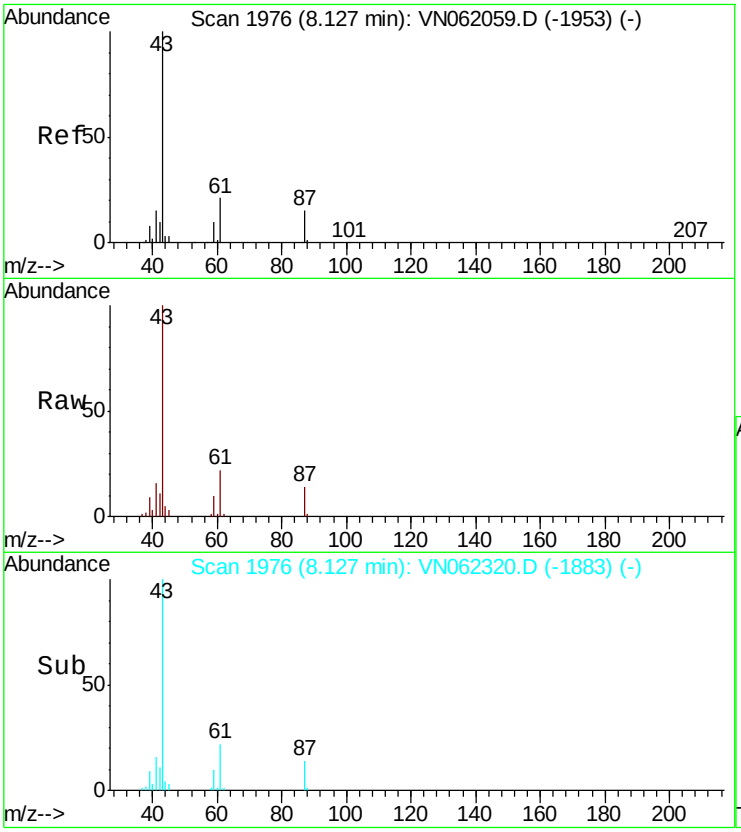


#38
Carbon Tetrachloride
Concen: 5.136 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Tgt Ion:117 Resp: 20593

Ion	Ratio	Lower	Upper
117	100		
119	5.6	78.2	117.2#
121	0.0	25.8	38.6#



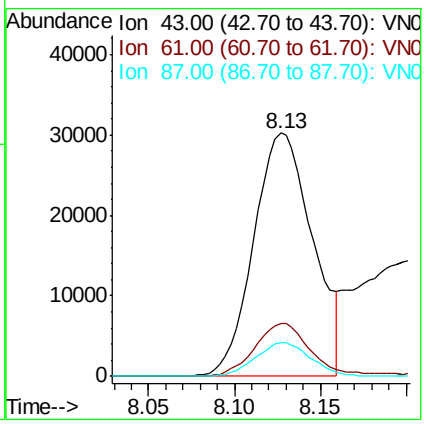


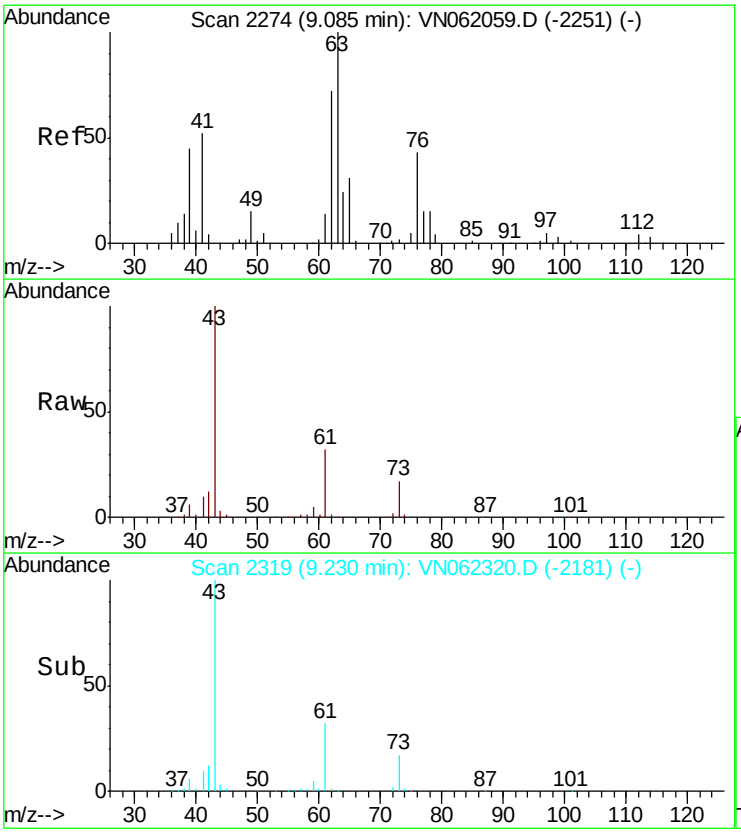
#43
Isopropyl Acetate
Concen: 12.568 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Instrument : MSVOA_N
ClientSampleId : PB129873ZHE#06

Tgt Ion: 43 Resp: 72147

Ion	Ratio	Lower	Upper
43	100		
61	20.8	17.2	25.8
87	12.9	12.1	18.1

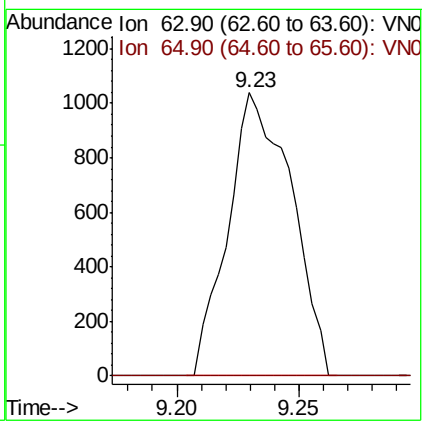


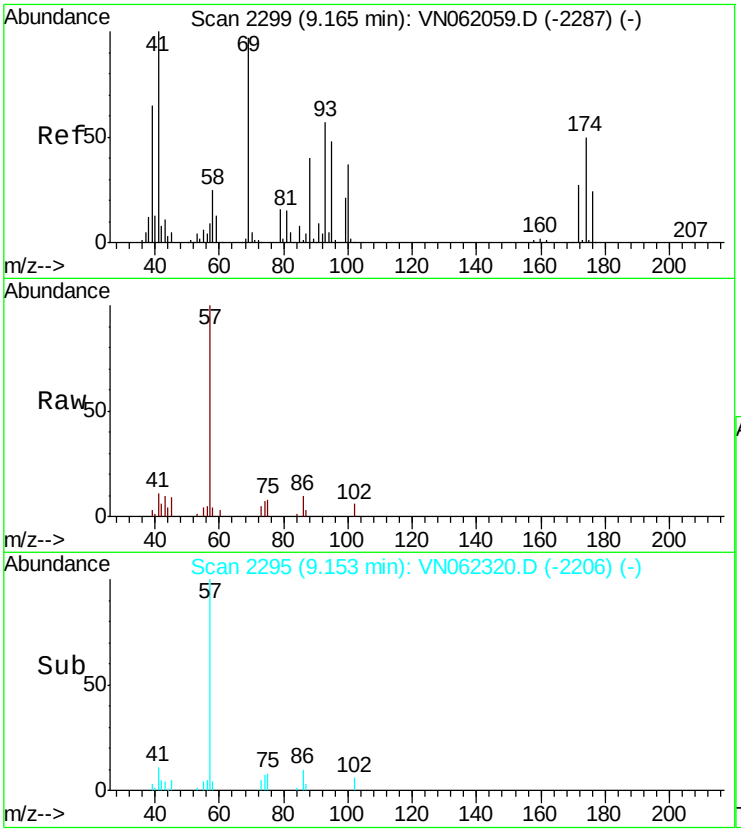


#45
1,2-Dichloropropane
Concen: 0.588 ug/l
RT: 9.23 min Scan# 2319
Delta R.T. 0.14 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Tgt Ion: 63 Resp: 1879

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#



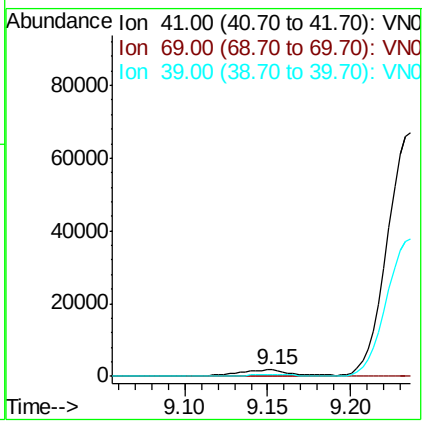


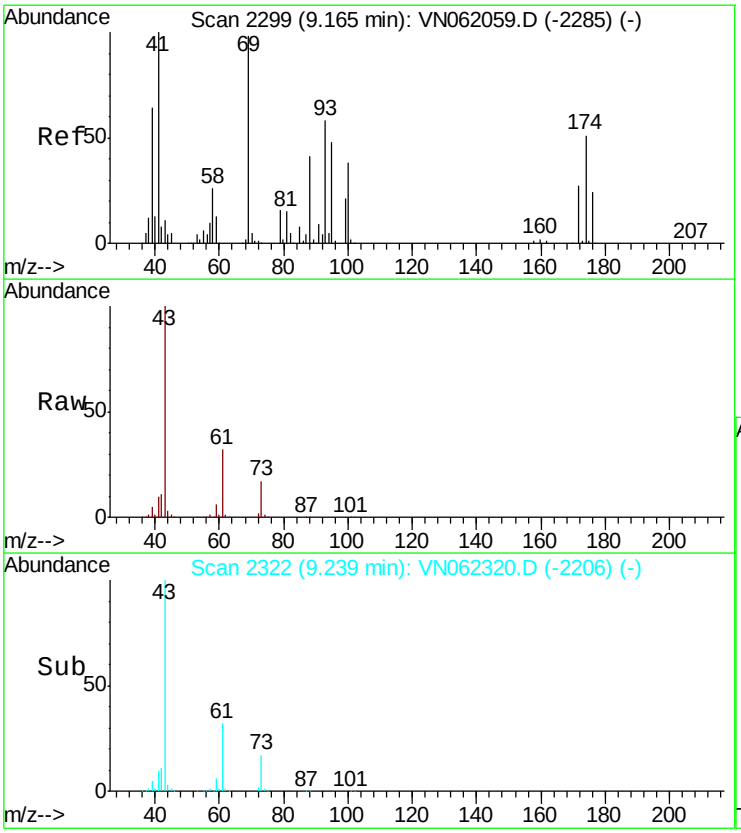
#48
Methyl methacrylate
Concen: 1.616 ug/l
RT: 9.15 min Scan# 2295
Delta R.T. -0.01 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Instrument : MSVOA_N
ClientSampleId : PB129873ZHE#06

Tgt Ion: 41 Resp: 4159

Ion	Ratio	Lower	Upper
41	100		
69	0.0	80.7	121.1#
39	0.0	54.5	81.7#

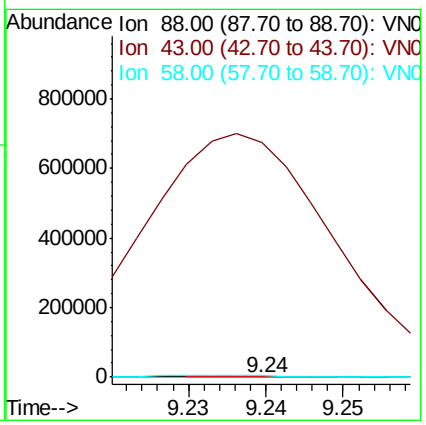


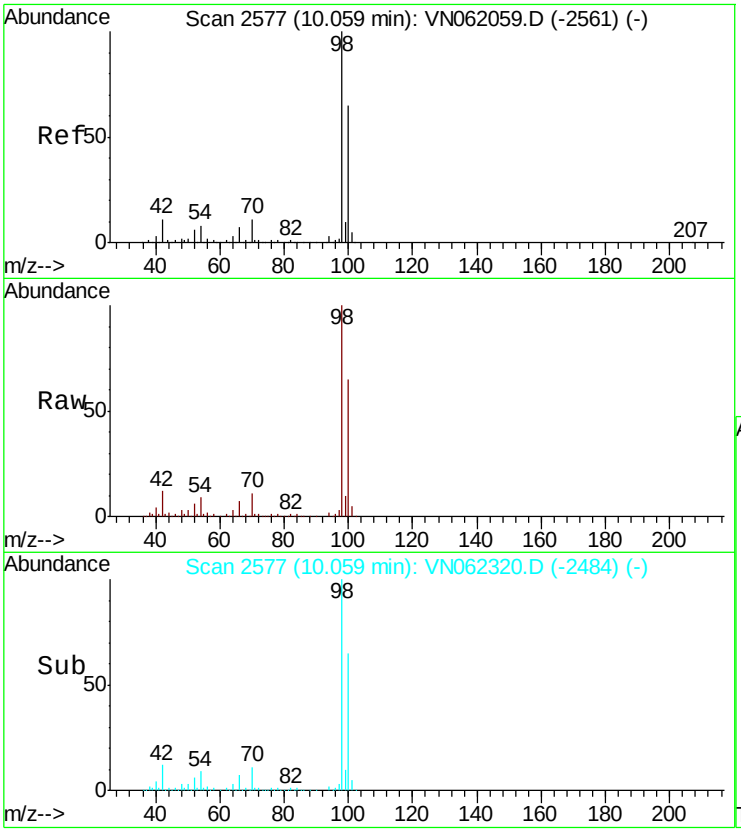


#49
1,4-Dioxane
Concen: 1.559 ug/l
RT: 9.24 min Scan# 2322
Delta R.T. 0.07 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Tgt Ion: 88 Resp: 89

Ion	Ratio	Lower	Upper
88	100		
43	1443514.6	22.0	33.0#
58	7871.9	49.2	73.8#



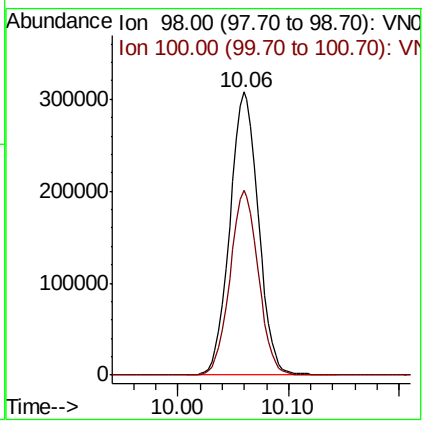


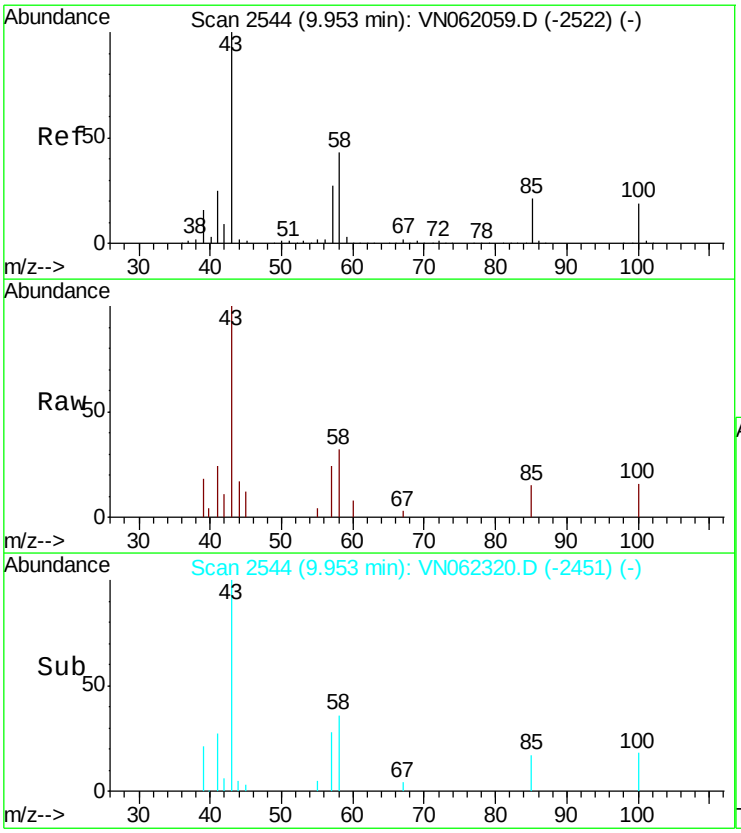
#50
Toluene-d8
Concen: 50.935 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Instrument :
MSVOA_N
ClientSampleId :
PB129873ZHE#06

Tgt Ion: 98 Resp: 552668

Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.2	76.8

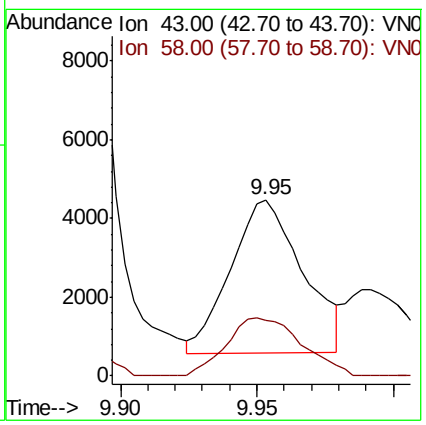


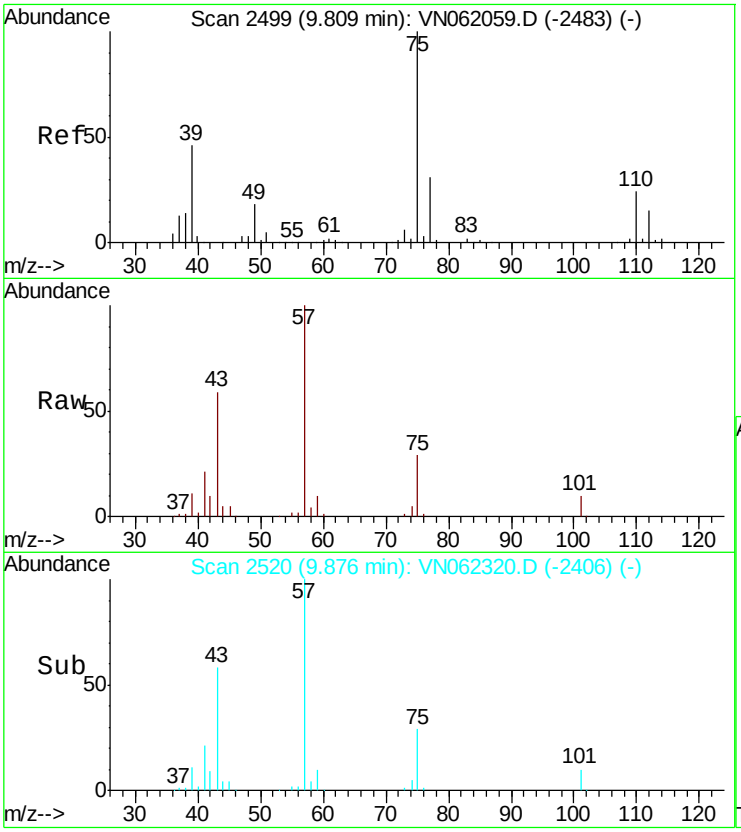


#51
4-Methyl-2-Pentanone
Concen: 2.125 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Tgt Ion: 43 Resp: 7127

Ion	Ratio	Lower	Upper
43	100		
58	39.6	34.2	51.2



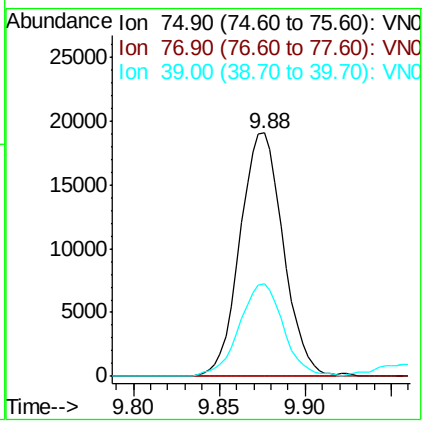


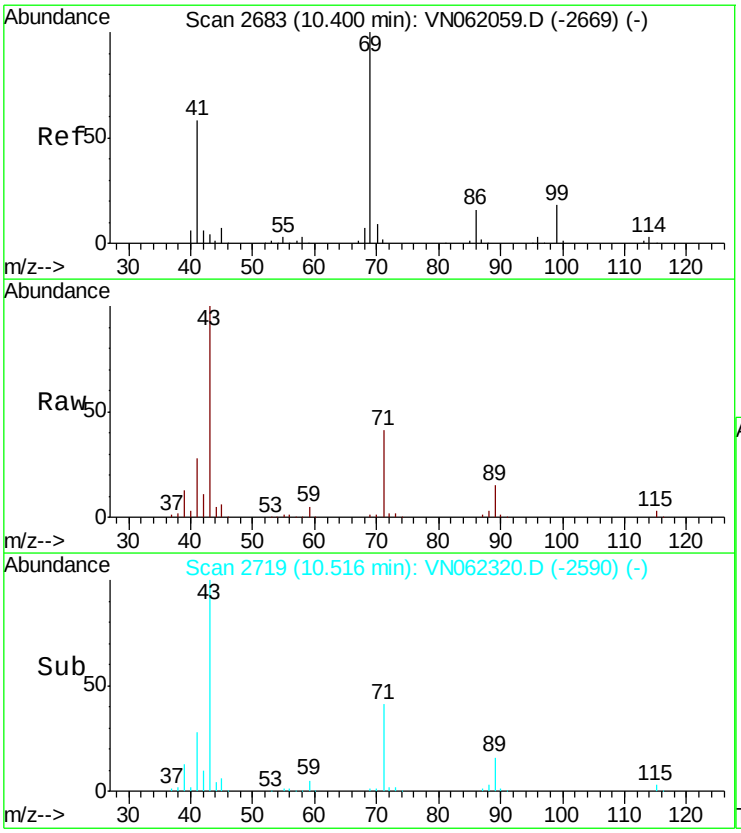
#54
cis-1,3-Dichloropropene
Concen: 6.503 ug/l
RT: 9.88 min Scan# 2520
Delta R.T. 0.07 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Instrument :
MSVOA_N
ClientSampleId :
PB129873ZHE#06

Tgt Ion: 75 Resp: 33346

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.6#
39	38.1	36.9	55.3

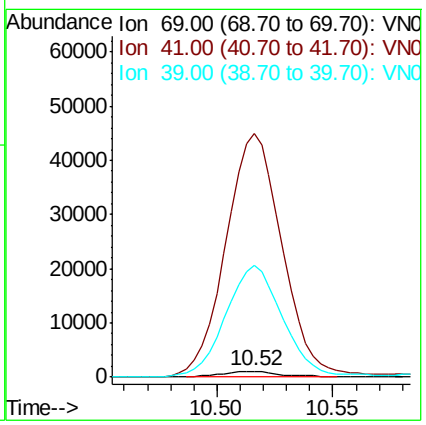


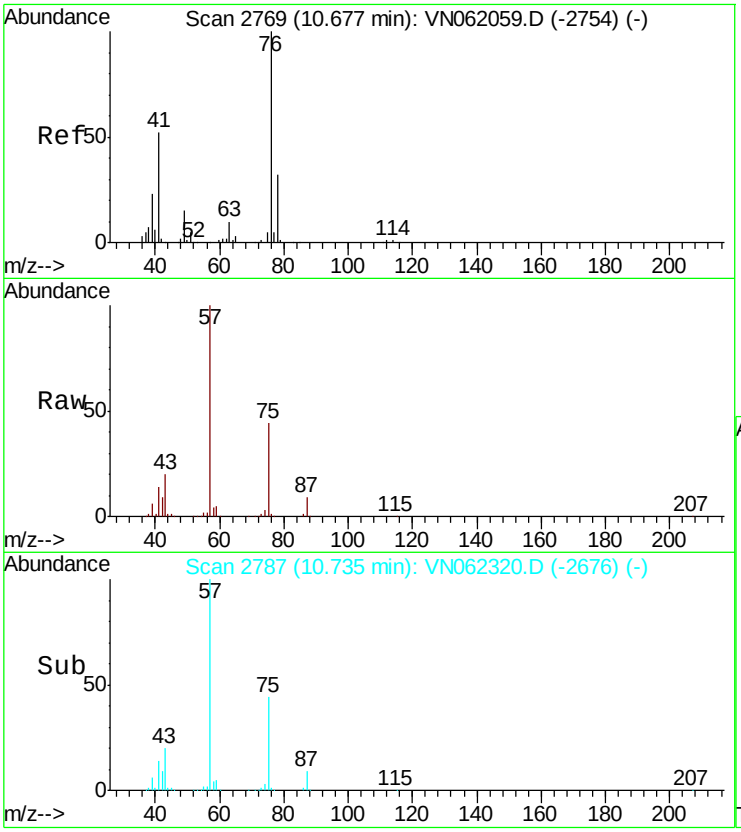


#56
Ethyl methacrylate
Concen: 0.454 ug/l
RT: 10.52 min Scan# 2719
Delta R.T. 0.12 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Tgt Ion: 69 Resp: 1883

Ion	Ratio	Lower	Upper
69	100		
41	4037.8	46.6	70.0#
39	1887.0	31.0	46.4#



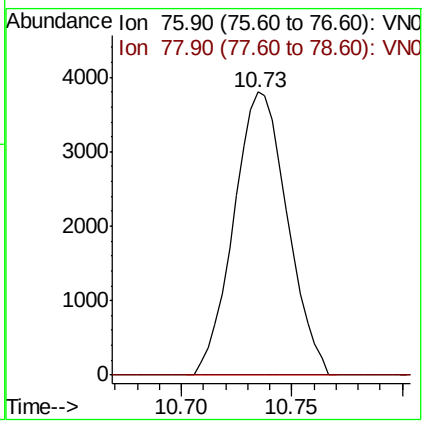


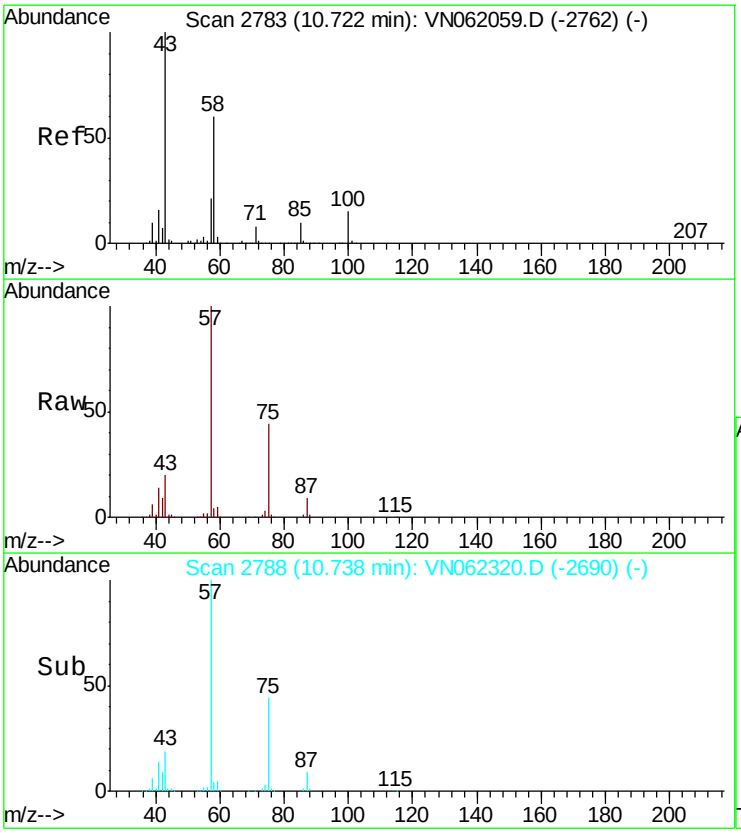
#57
1,3-Dichloropropane
Concen: 1.194 ug/l
RT: 10.73 min Scan# 2787
Delta R.T. 0.06 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Instrument :
MSVOA_N
ClientSampleId :
PB129873ZHE#06

Tgt Ion: 76 Resp: 6389

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#

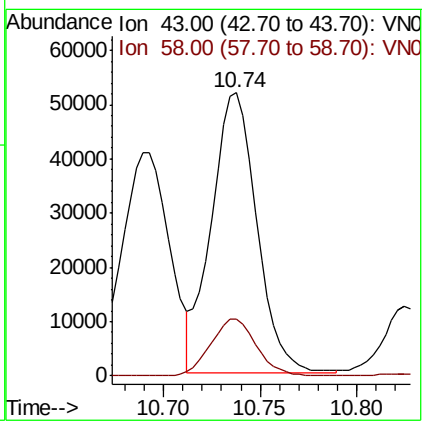


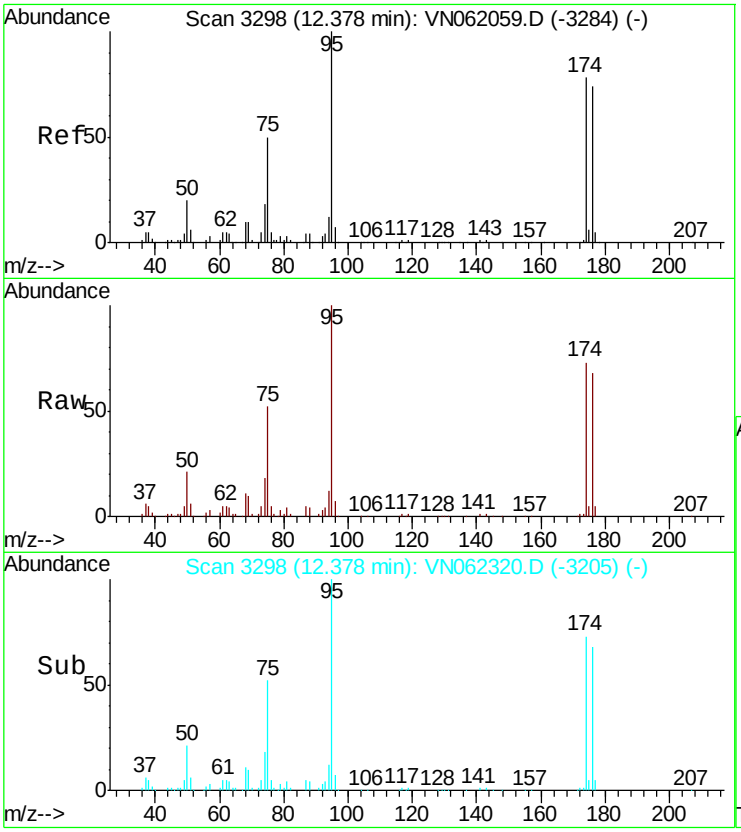


#59
2-Hexanone
Concen: 34.645 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.02 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Tgt Ion: 43 Resp: 83909

Ion	Ratio	Lower	Upper
43	100		
58	20.7	29.5	88.5#



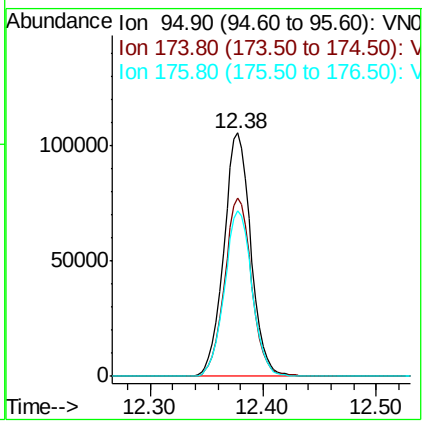


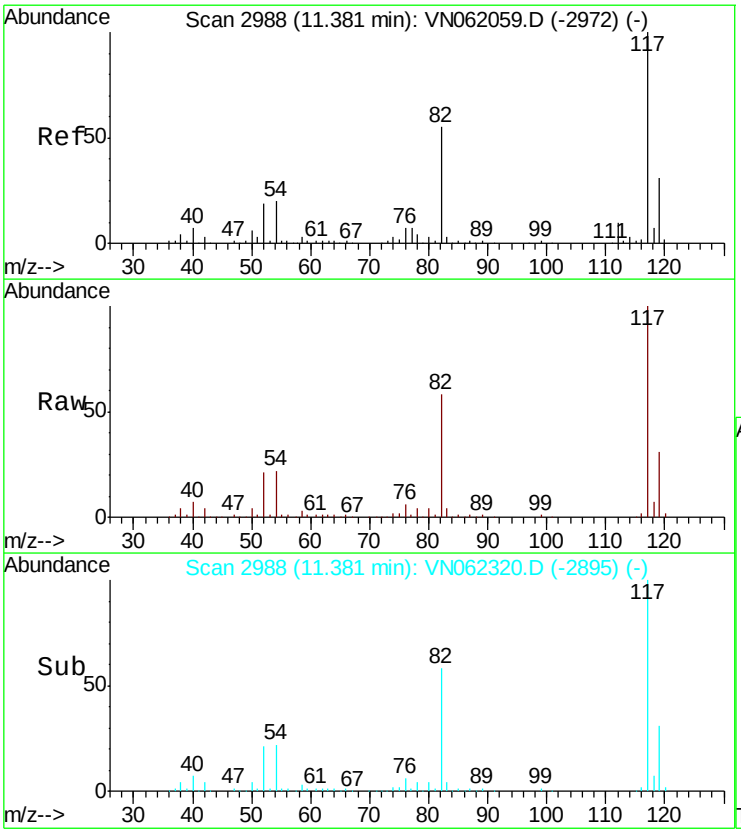
#62
4-Bromofluorobenzene
Concen: 47.854 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Instrument :
MSVOA_N
ClientSampleId :
PB129873ZHE#06

Tgt Ion: 95 Resp: 175429

Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	154.8
176	69.3	0.0	147.4

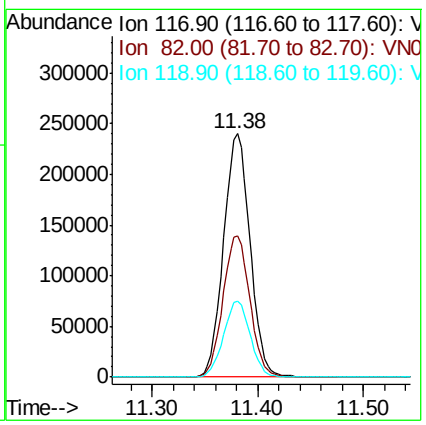


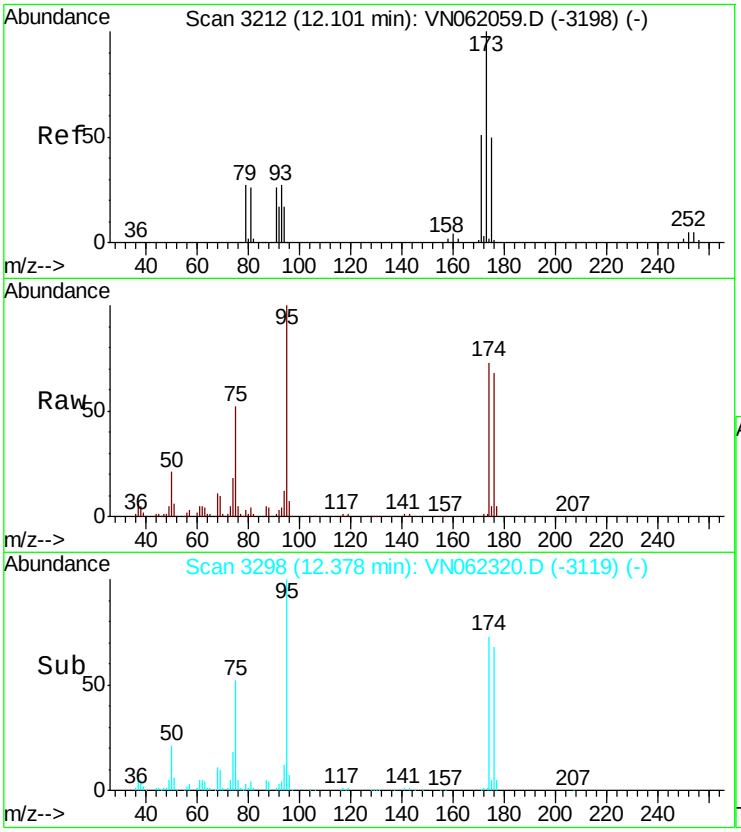


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Tgt Ion:117 Resp: 416364

Ion	Ratio	Lower	Upper
117	100		
82	58.0	43.8	65.8
119	31.3	25.2	37.8



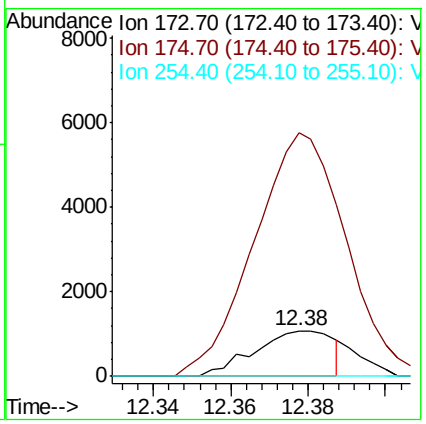


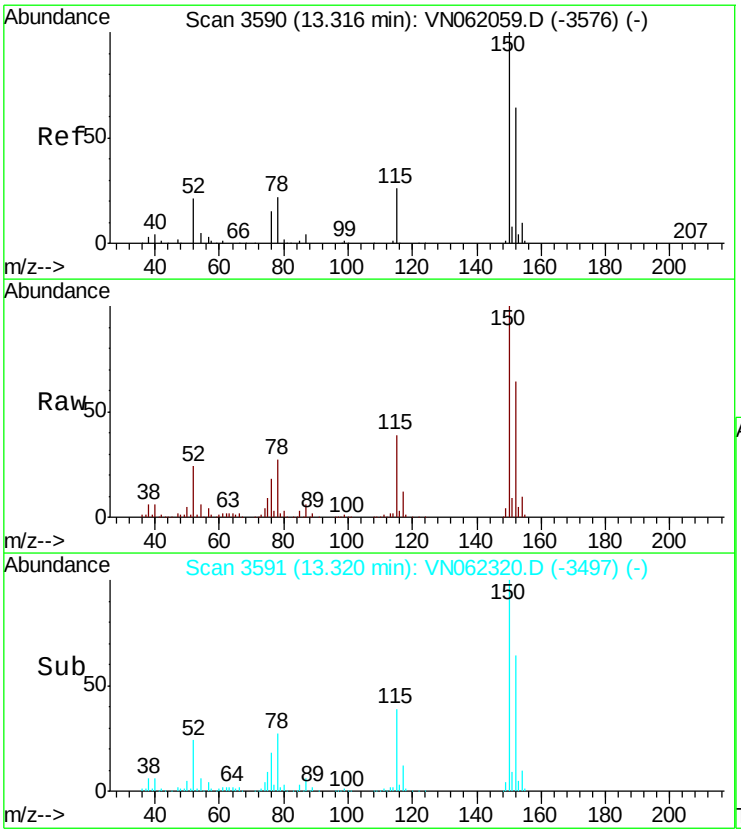
#71
Bromoform
Concen: 0.673 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Instrument :
MSVOA_N
ClientSampleId :
PB129873ZHE#06

Tgt Ion:173 Resp: 1513

Ion	Ratio	Lower	Upper
173	100		
175	527.5	24.7	74.1#
254	0.0	0.0	0.0

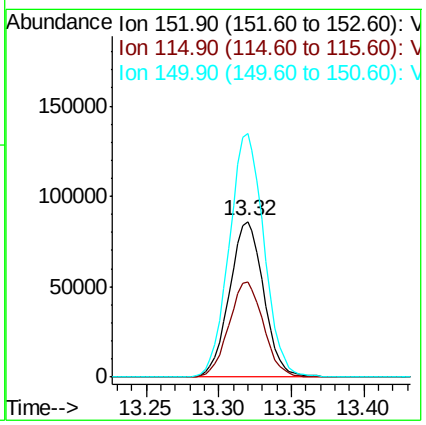


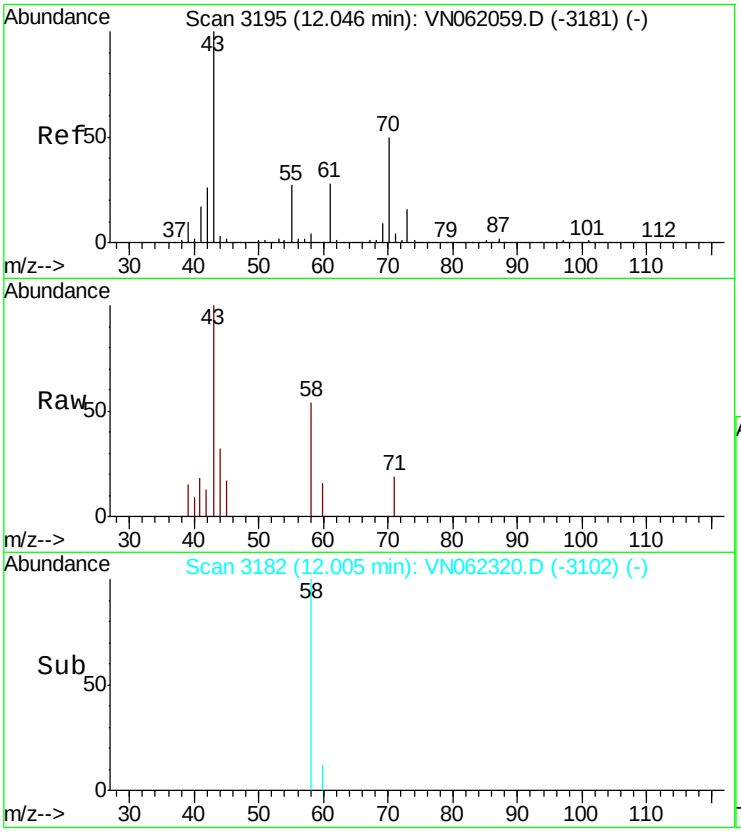


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Tgt Ion:152 Resp: 141423

Ion	Ratio	Lower	Upper
152	100		
115	61.6	29.5	88.5
150	159.3	0.0	351.4



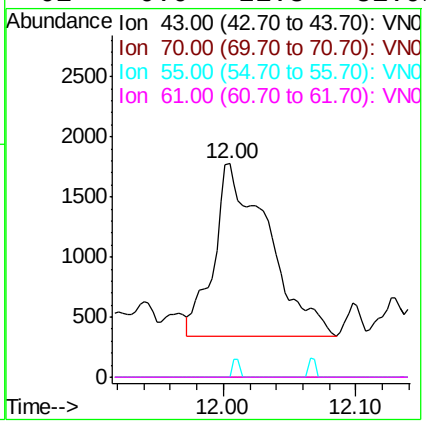


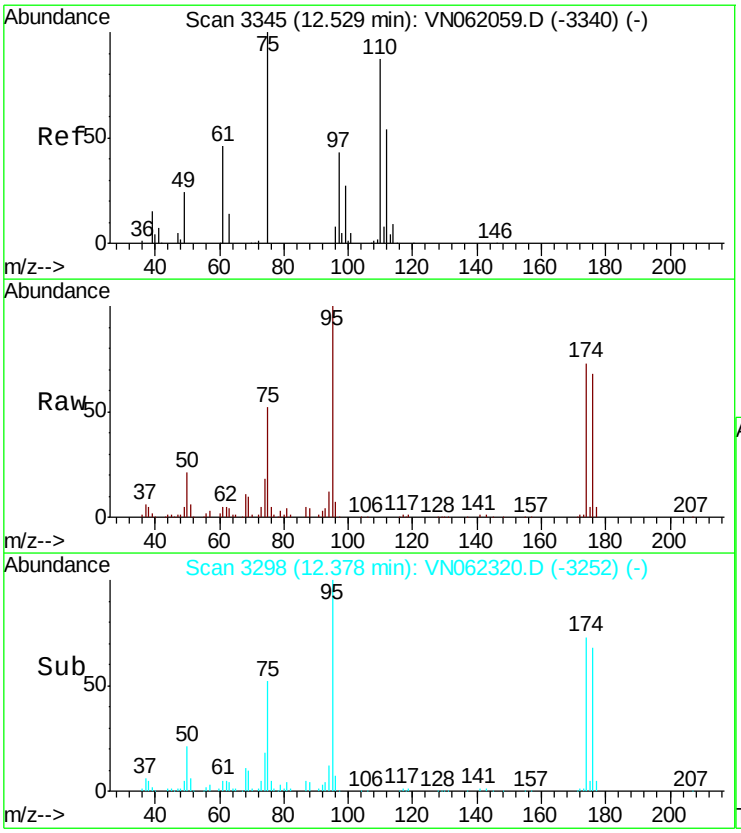
#74
N-amyl acetate
Concen: 4.289 ug/l
RT: 12.00 min Scan# 3182
Delta R.T. -0.04 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Instrument : MSVOA_N
ClientSampleId : PB129873ZHE#06

Tgt Ion: 43 Resp: 4083

Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.4	59.2#
55	1.4	21.7	32.5#
61	0.0	21.3	31.9#

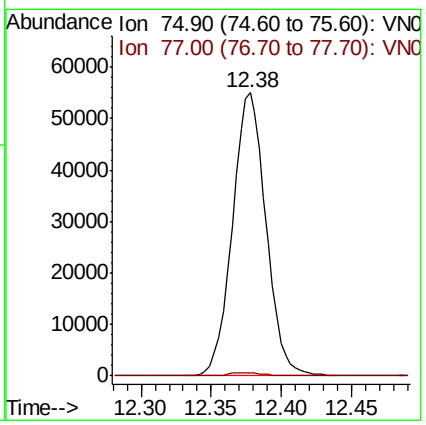


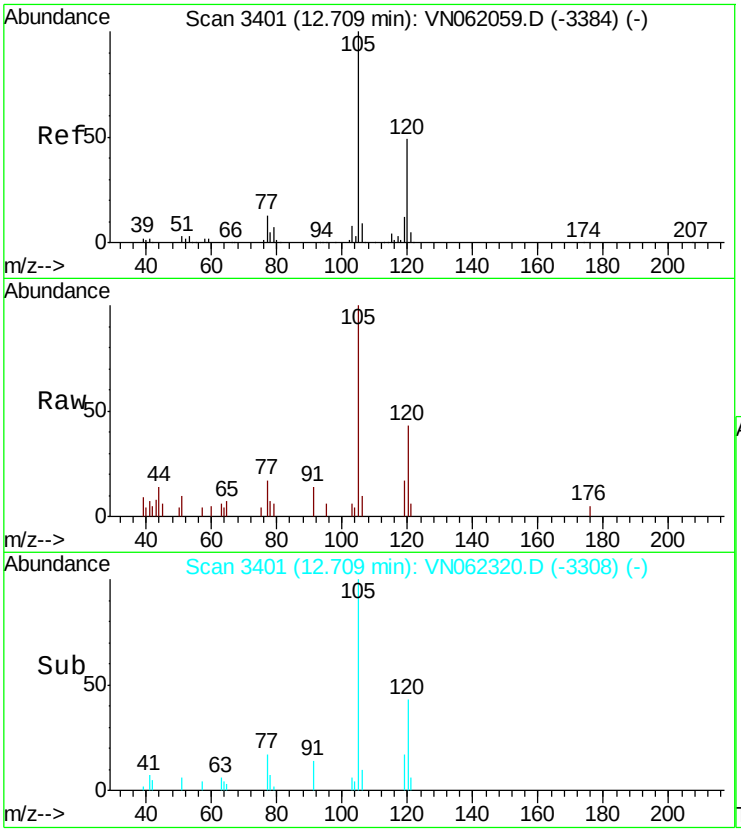


#76
1,2,3-Trichloropropane
Concen: 27.549 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.15 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Tgt Ion: 75 Resp: 91715

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



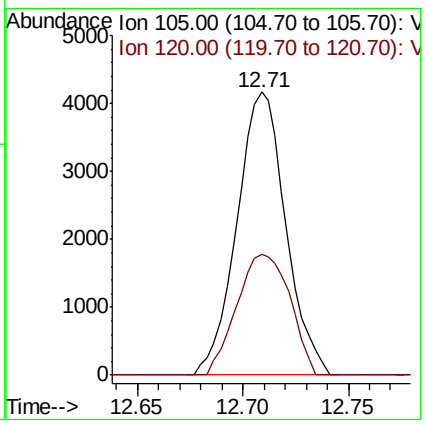


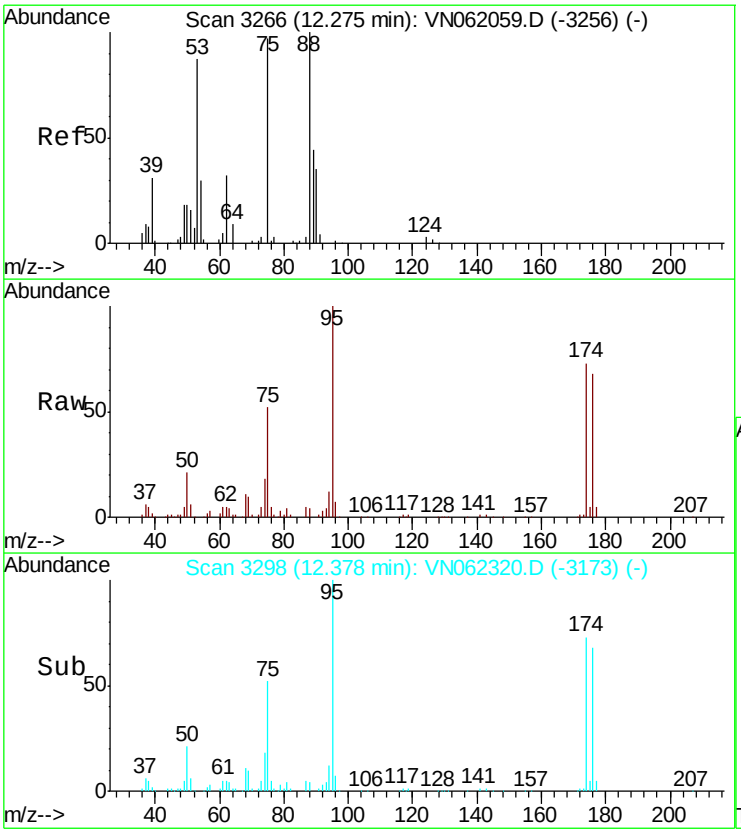
#80
1,3,5-Trimethylbenzene
Concen: 0.756 ug/l
RT: 12.71 min Scan# 3401
Delta R.T. 0.00 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Instrument :
MSVOA_N
ClientSampleId :
PB129873ZHE#06

Tgt Ion:105 Resp: 6707

Ion	Ratio	Lower	Upper
105	100		
120	46.3	24.6	74.0





#81
trans-1,4-Dichloro-2-butene
Concen: 80.452 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.10 min
Lab File: VN062320.D
Acq: 2 Jul 2020 4:21

Tgt Ion: 75 Resp: 91715

Ion	Ratio	Lower	Upper
75	100		
53	0.1	72.0	108.0#
89	0.0	36.9	55.3#