Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN013120\

Quantitation Report (Not Reviewed)

Data File : VN059951.D
Acq On : 31 Jan 2020 16:27
Operator : JC/MD
Sample : PB126487ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB126487ZHE#02

Quant Time: Feb 03 01:21:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	189455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	290254	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	266168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	119933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	105944	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.70%			
35) Dibromofluoromethane	7.57	113	88744	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.54%			
50) Toluene-d8	10.08	98	348612	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.96%			
62) 4-Bromofluorobenzene	12.40	95	122111	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.02%			
Target Compounds						Qvalue
16) Acetone	3.79	43	3459	Below Cal		100
18) Methyl Acetate	4.31	43	1493	0.608	ug/l #	54
20) Methylene Chloride	4.53	84	3673	0.652	ug/l #	84
31) Cyclohexane	7.64	56	3710	1.192	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	13460	5.325	ug/l #	52
38) Carbon Tetrachloride	7.64	117	17844	6.490	ug/l #	16
43) Isopropyl Acetate	8.14	43	41945	10.286	ug/l #	92
45) 1,2-Dichloropropane	9.25	63	885	0.474	ug/l #	44
48) Methyl methacrylate	9.17	41	2087	1.144	ug/l #	13
51) 4-Methyl-2-Pentanone	9.98	43	2291	0.972	ug/l	93
54) cis-1,3-Dichloropropene	9.89	75	19580	6.285	ug/l #	59
57) 1,3-Dichloropropane	10.75	76	3360	1.122	ug/l #	42
59) 2-Hexanone	10.75	43	45203	26.030	ug/l #	56
74) N-amyl acetate	12.02	43	901	0.264	ug/l #	45
76) 1,2,3-Trichloropropane	12.40	75	62161	30.798	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	2270	0.307	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	62161	66.139	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.26	75	94	Below Cal	#	6

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

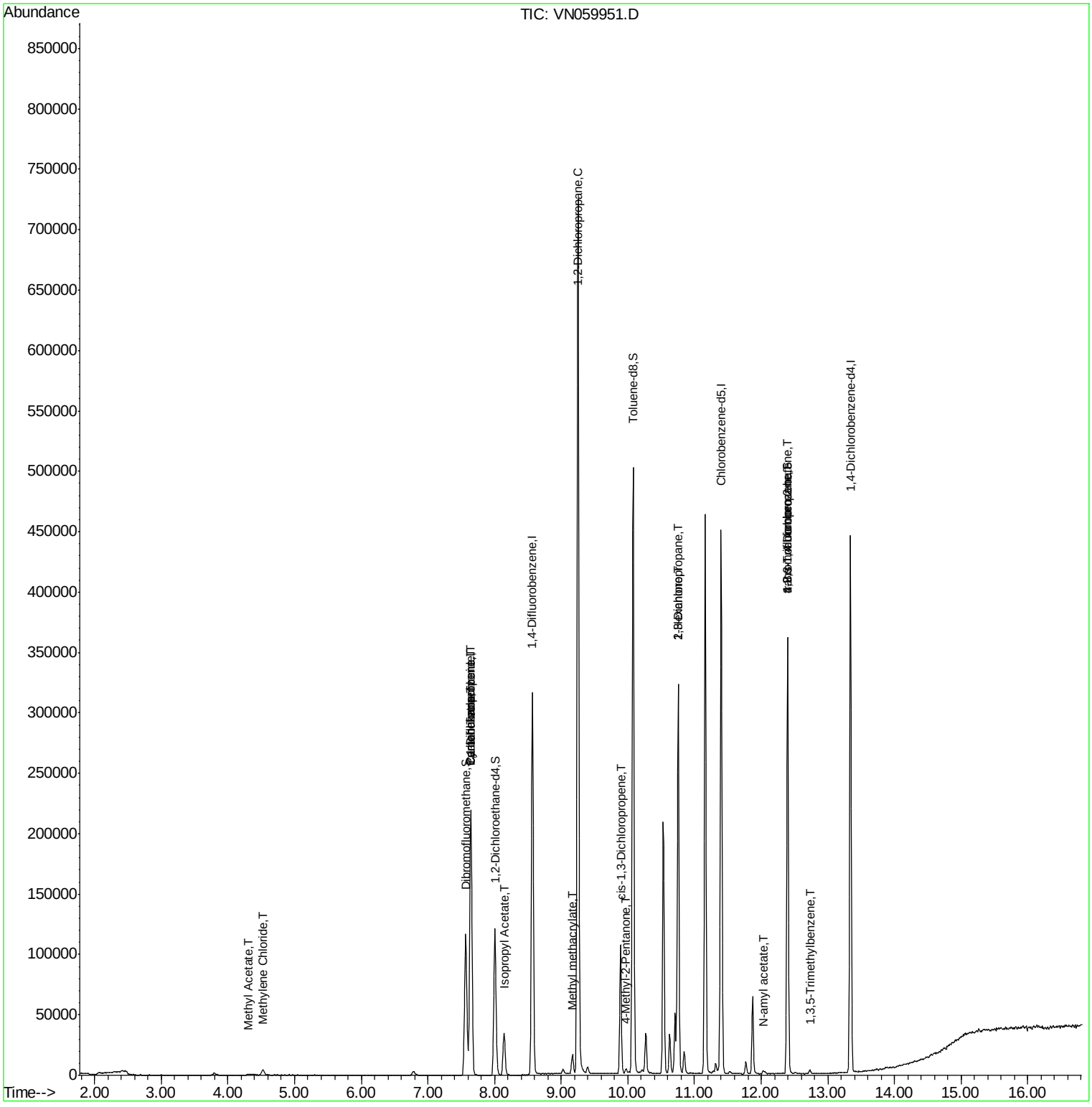
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN013120\

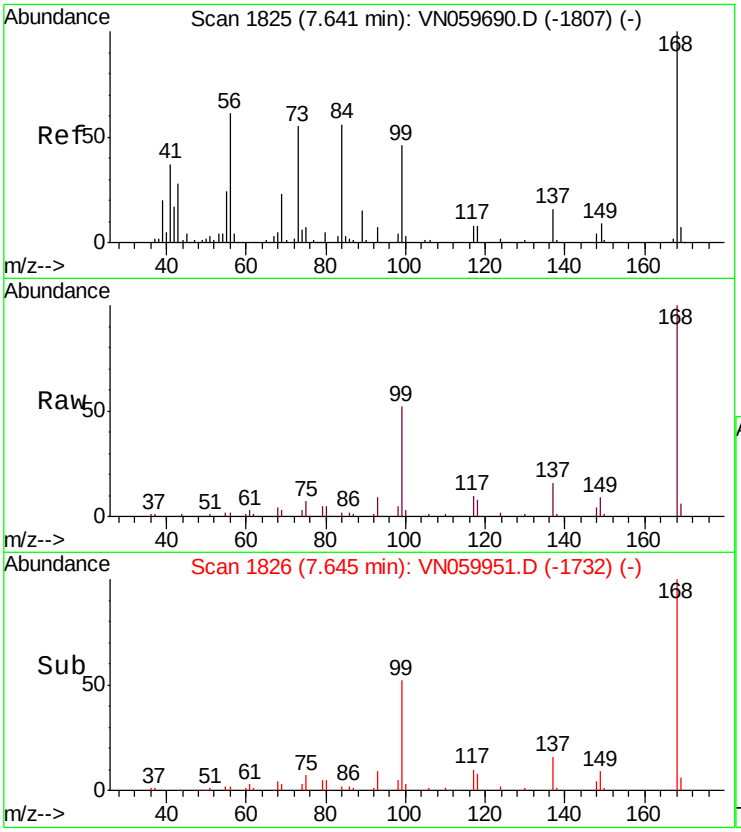
Quantitation Report (Not Reviewed)

Data File : VN059951.D
Acq On : 31 Jan 2020 16:27
Operator : JC/MD
Sample : PB126487ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB126487ZHE#02

Quant Time: Feb 03 01:21:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration



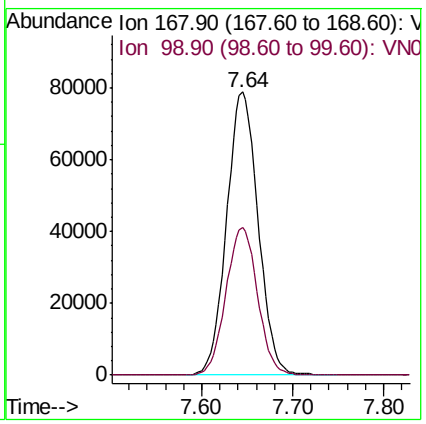


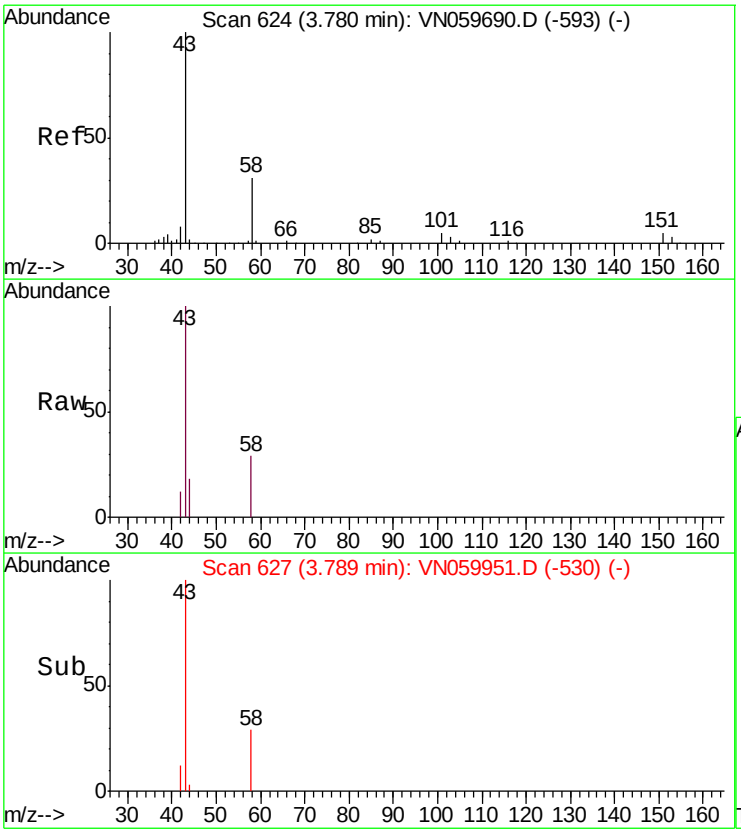
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN059951.D
Acq: 31 Jan 2020 16:27

Instrument :
MSVOA_N
ClientSampleId :
PB126487ZHE#02

Tgt Ion:168 Resp: 189455

Ion	Ratio	Lower	Upper
168	100		
99	52.2	48.2	72.4

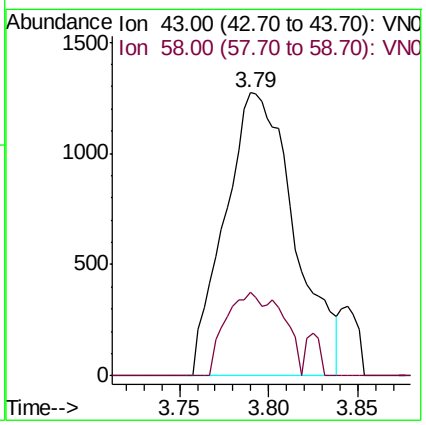


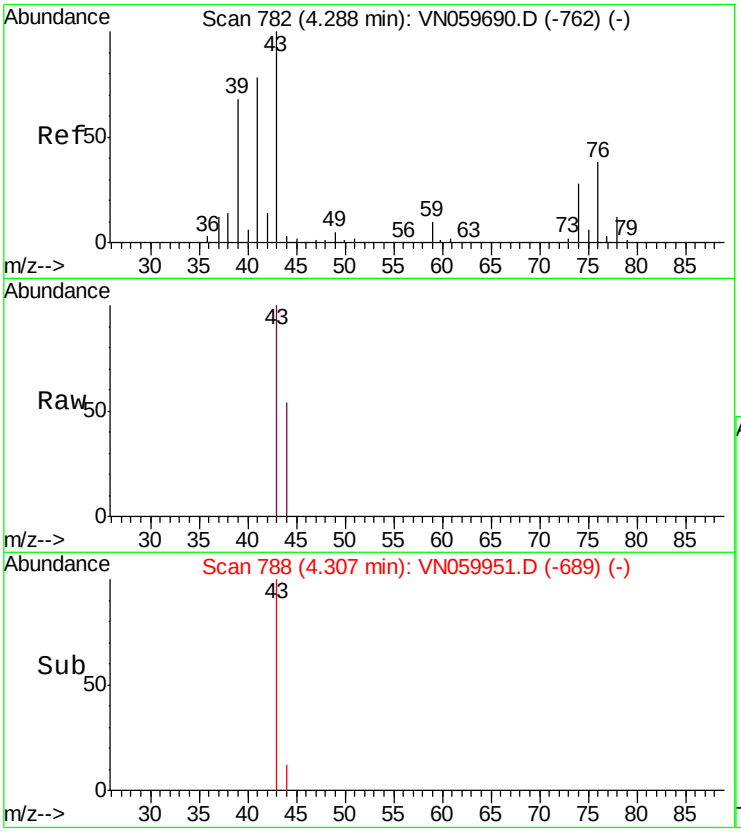


#16
Acetone
Concen: Below Cal
RT: 3.79 min Scan# 627
Delta R.T. 0.01 min
Lab File: VN059951.D
Acq: 31 Jan 2020 16:27

Tgt Ion: 43 Resp: 3459

Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.6	35.4



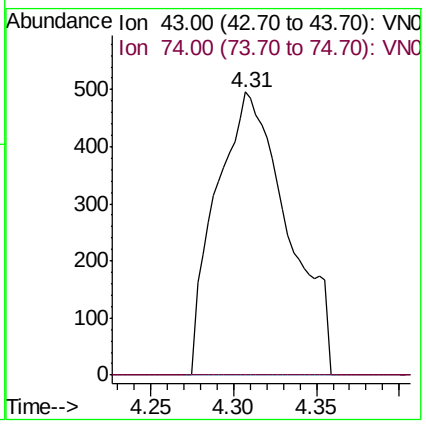


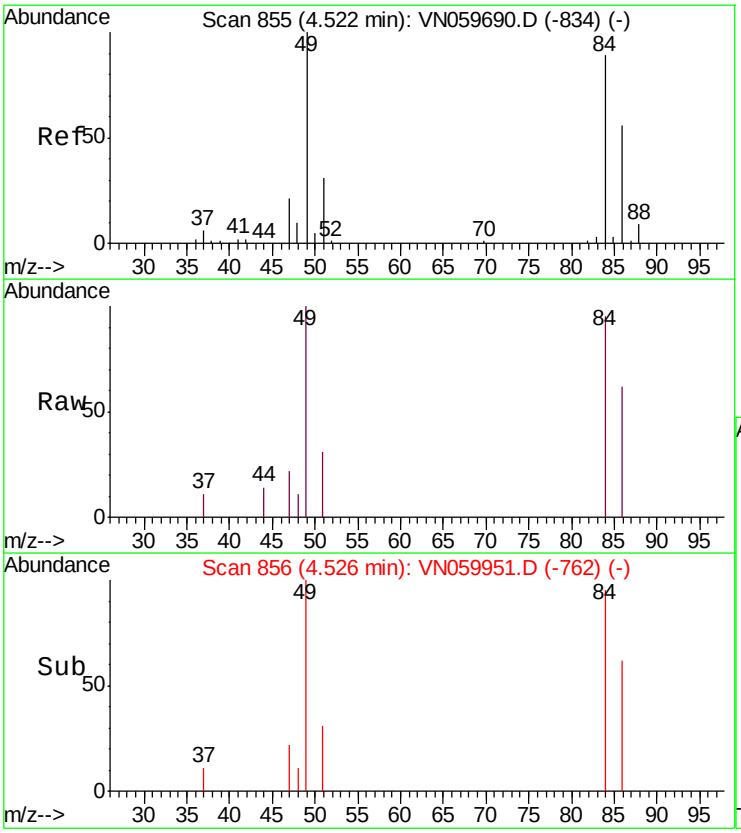
#18
Methyl Acetate
Concen: 0.608 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.02 min
Lab File: VN059951.D
Acq: 31 Jan 2020 16:27

Instrument :
MSVOA_N
ClientSampleId :
PB126487ZHE#02

Tgt Ion: 43 Resp: 1493

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.5	26.3#

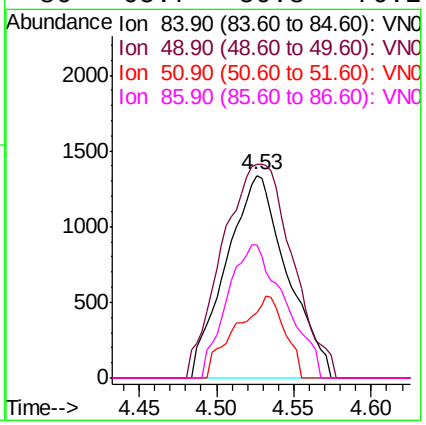


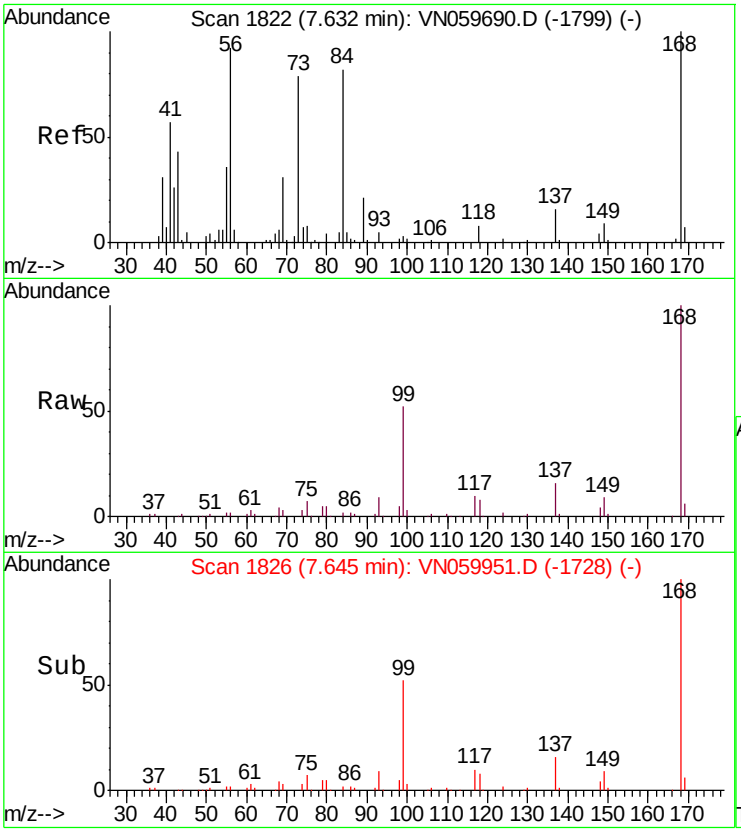


#20
Methylene Chloride
Concen: 0.652 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059951.D
Acq: 31 Jan 2020 16:27

Tgt Ion: 84 Resp: 3673

Ion	Ratio	Lower	Upper
84	100		
49	105.2	106.6	160.0#
51	32.3	31.9	47.9
86	65.7	50.8	76.2



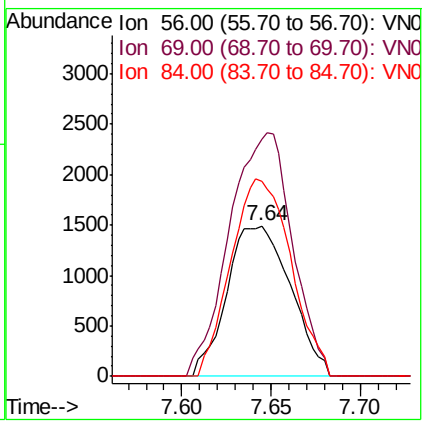


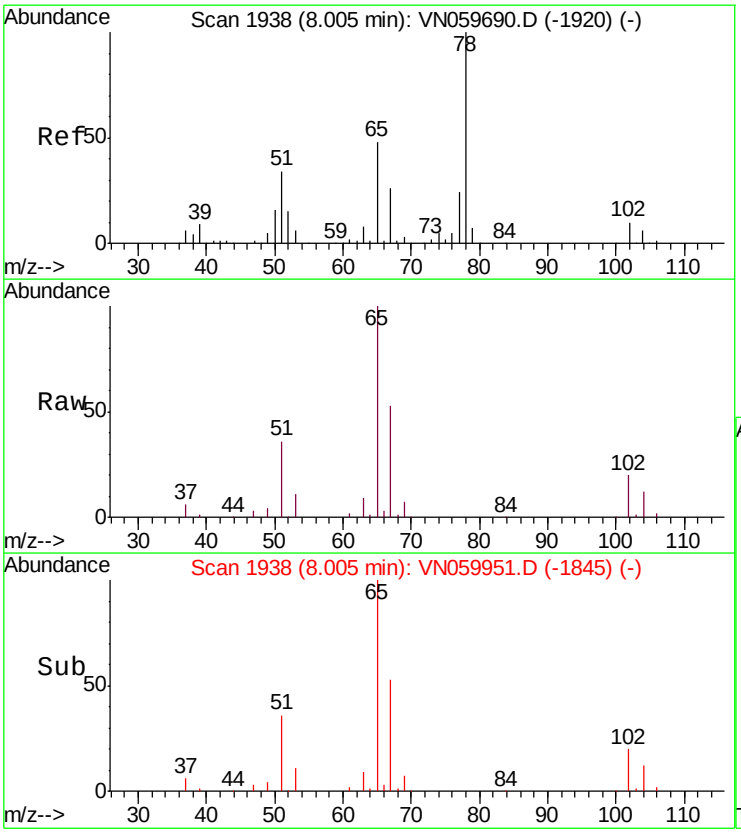
#31
Cyclohexane
Concen: 1.192 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059951.D
Acq: 31 Jan 2020 16:27

Instrument :
MSVOA_N
ClientSampleId :
PB126487ZHE#02

Tgt Ion: 56 Resp: 3710

Ion	Ratio	Lower	Upper
56	100		
69	158.0	26.5	39.7#
84	129.6	65.3	97.9#

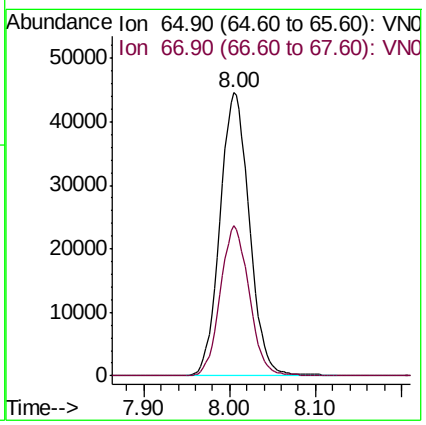


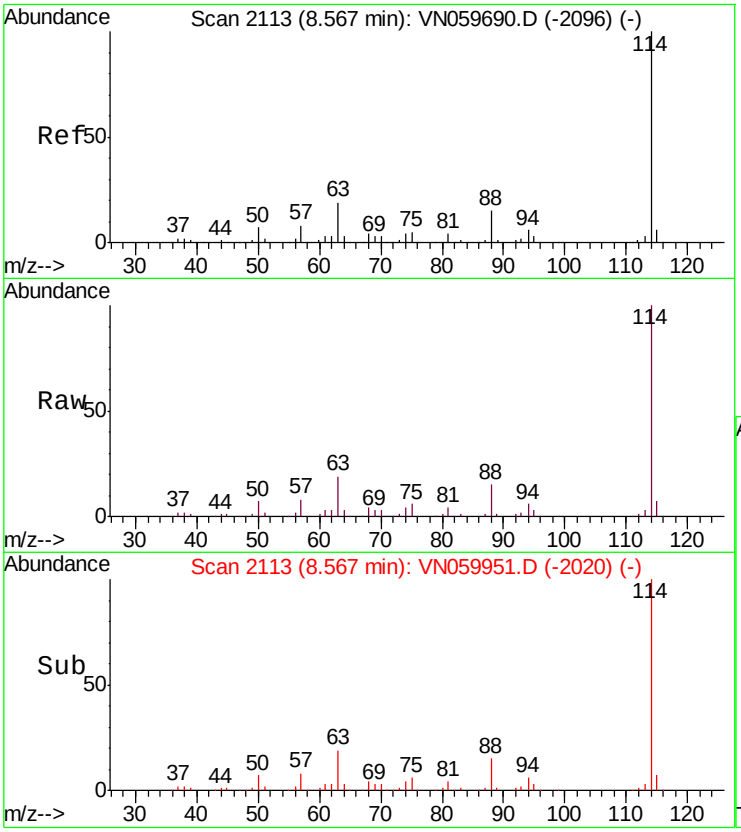


#33
1,2-Dichloroethane-d4
Concen: 50.355 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN059951.D
Acq: 31 Jan 2020 16:27

Tgt Ion: 65 Resp: 105944

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.0



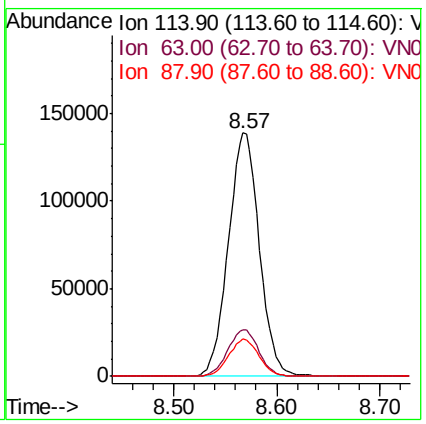


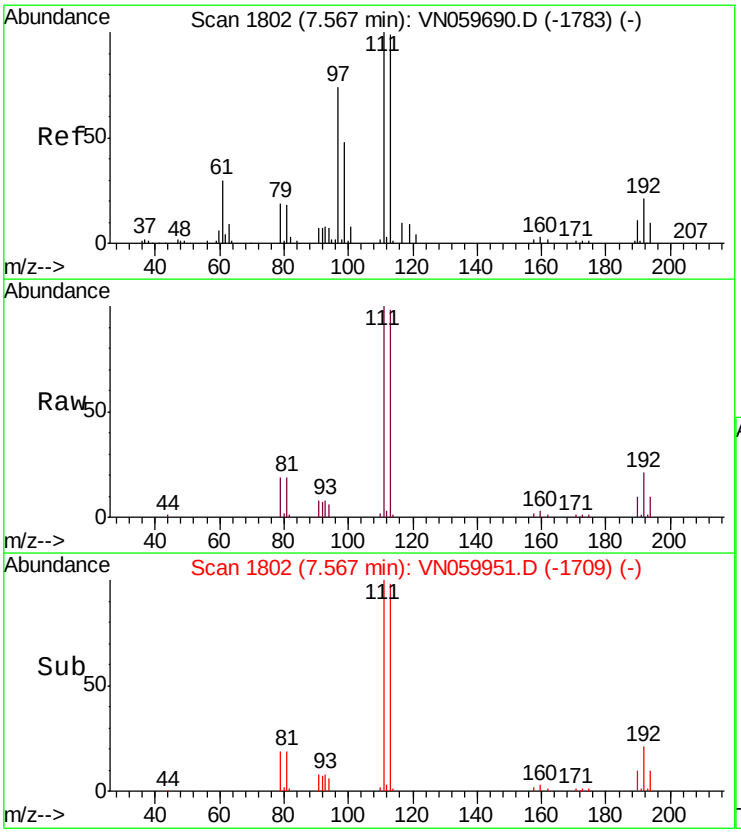
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN059951.D
Acq: 31 Jan 2020 16:27

Instrument :
MSVOA_N
ClientSampleId :
PB126487ZHE#02

Tgt Ion:114 Resp: 290254

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	43.6
88	15.3	0.0	31.4

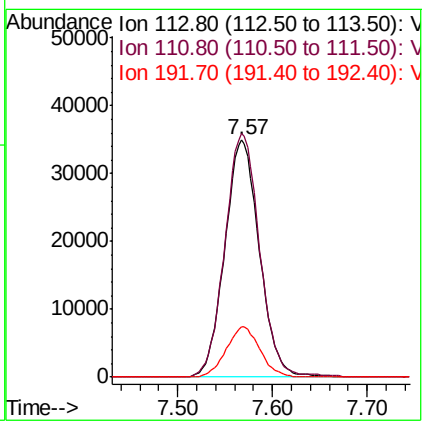


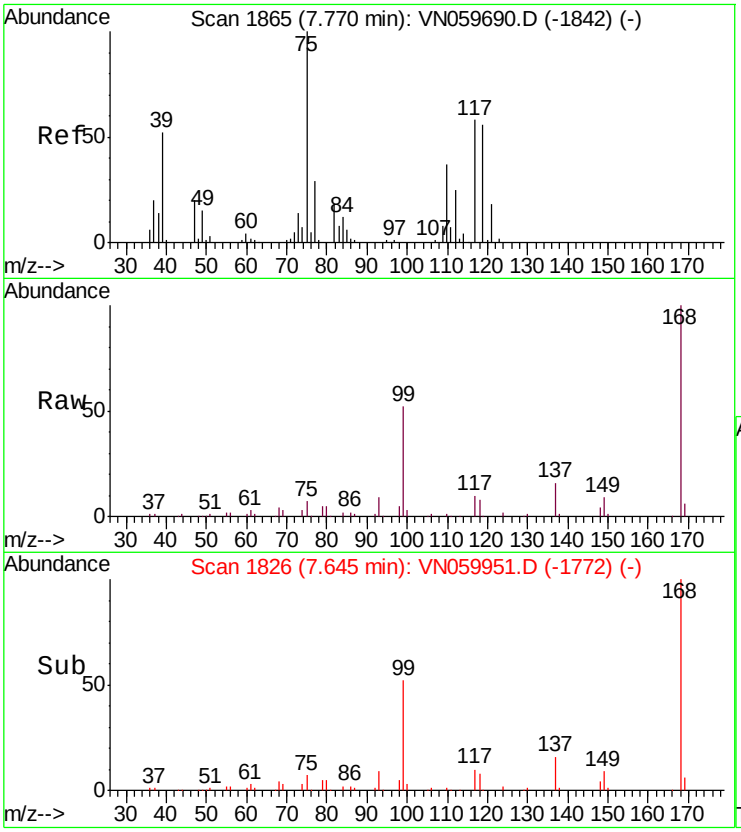


#35
Dibromofluoromethane
Concen: 51.270 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059951.D
Acq: 31 Jan 2020 16:27

Tgt Ion:113 Resp: 88744

Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.5	125.3
192	20.7	15.4	23.2



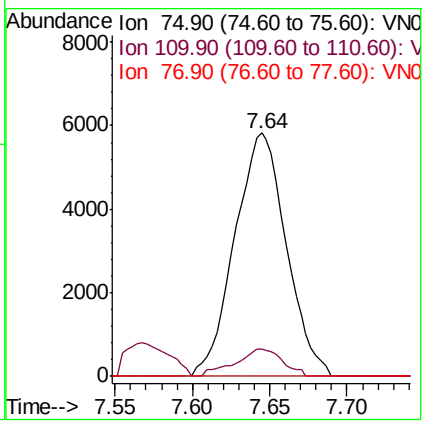


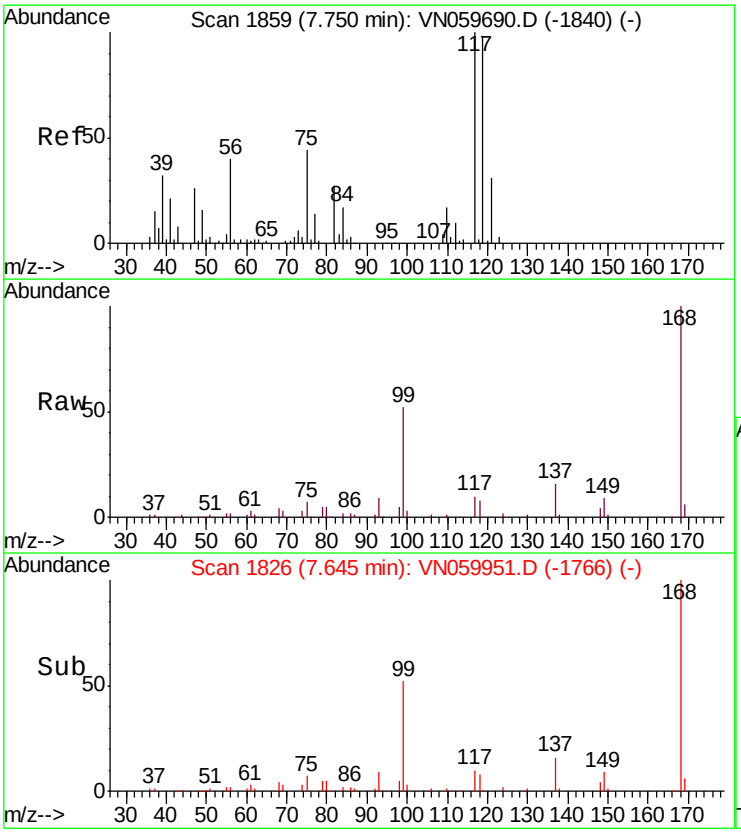
#36
1,1-Dichloropropene
Concen: 5.325 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.13 min
Lab File: VN059951.D
Acq: 31 Jan 2020 16:27

Instrument :
MSVOA_N
ClientSampleId :
PB126487ZHE#02

Tgt Ion: 75 Resp: 13460

Ion	Ratio	Lower	Upper
75	100		
110	10.3	16.6	49.7#
77	0.0	25.1	37.7#

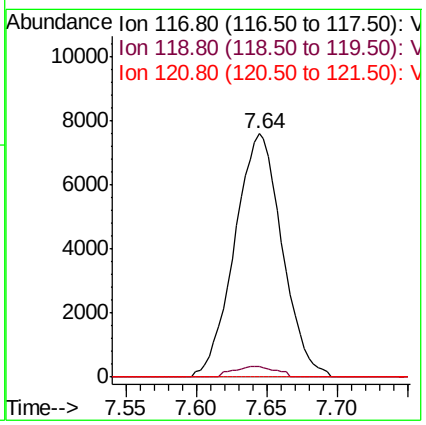


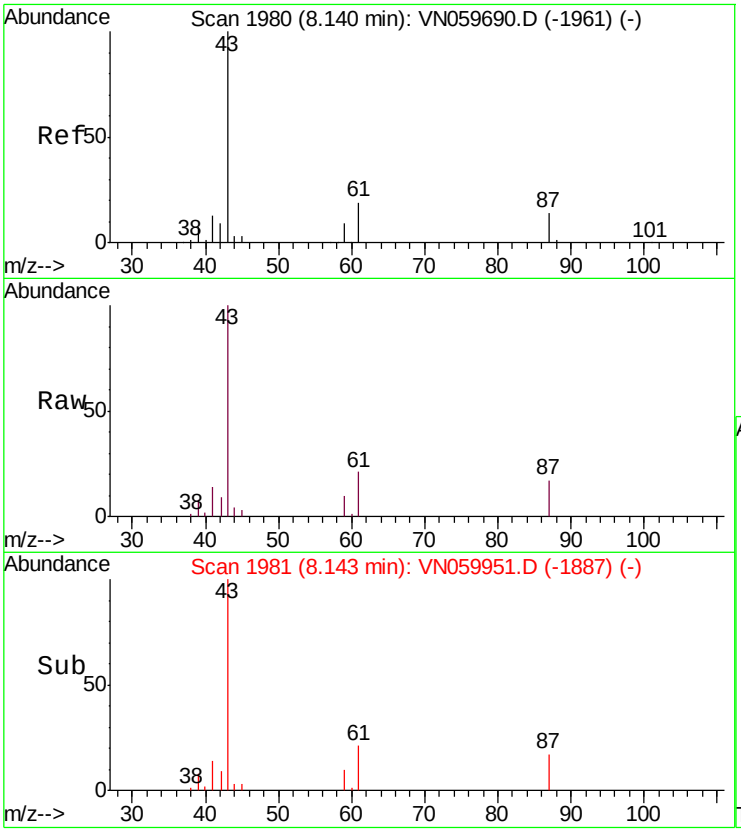


#38
Carbon Tetrachloride
Concen: 6.490 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN059951.D
Acq: 31 Jan 2020 16:27

Tgt Ion:117 Resp: 17844

Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.5	114.7#
121	0.0	25.1	37.7#



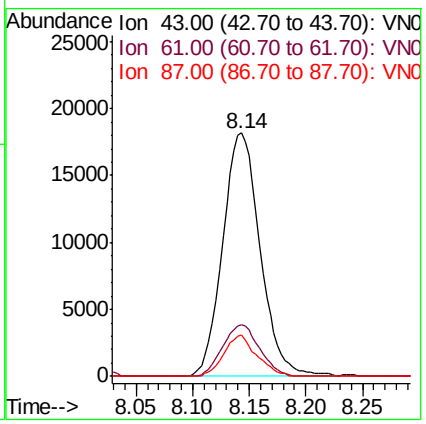


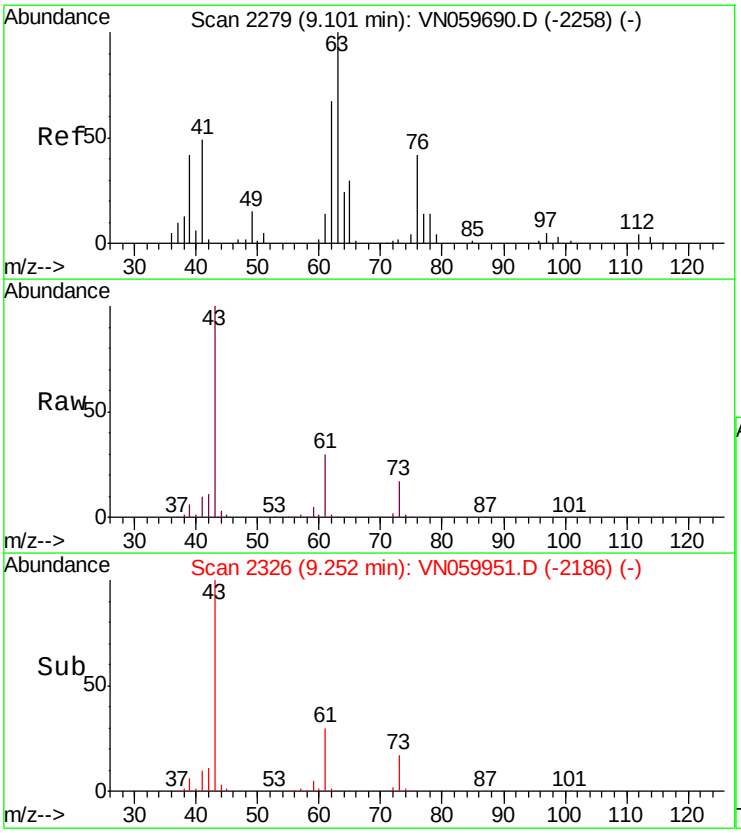
#43
Isopropyl Acetate
Concen: 10.286 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. 0.00 min
Lab File: VN059951.D
Acq: 31 Jan 2020 16:27

Instrument :
MSVOA_N
ClientSampleId :
PB126487ZHE#02

Tgt Ion: 43 Resp: 41945

Ion	Ratio	Lower	Upper
43	100		
61	20.8	20.2	30.2
87	14.7	9.5	14.3#

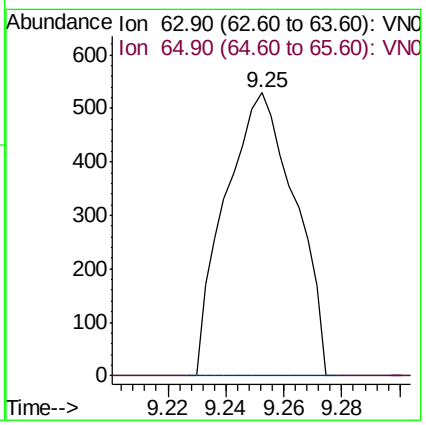


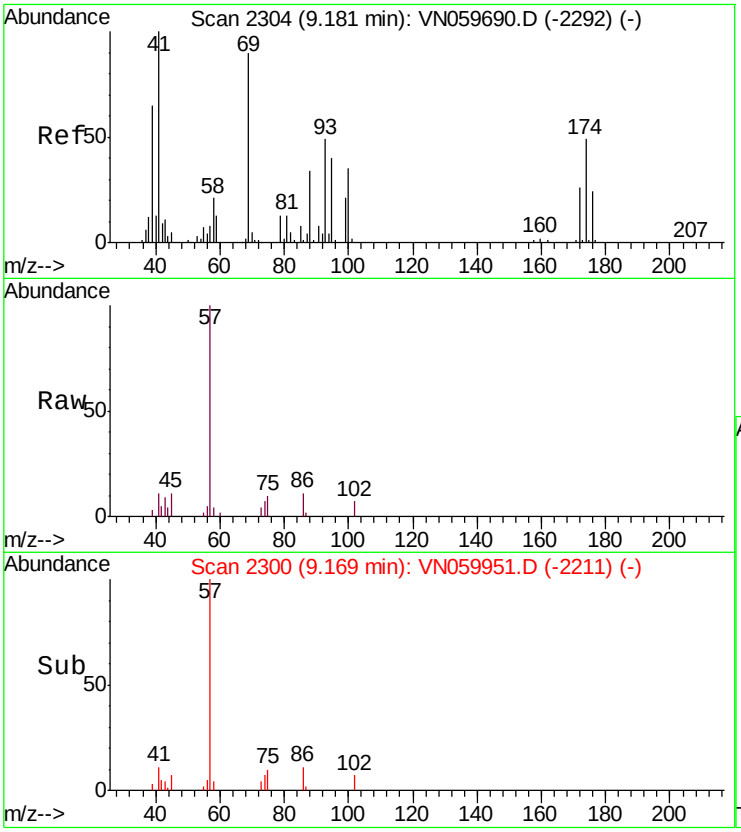


#45
1,2-Dichloropropane
Concen: 0.474 ug/l
RT: 9.25 min Scan# 2326
Delta R.T. 0.15 min
Lab File: VN059951.D
Acq: 31 Jan 2020 16:27

Tgt Ion: 63 Resp: 885

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.9	37.3#



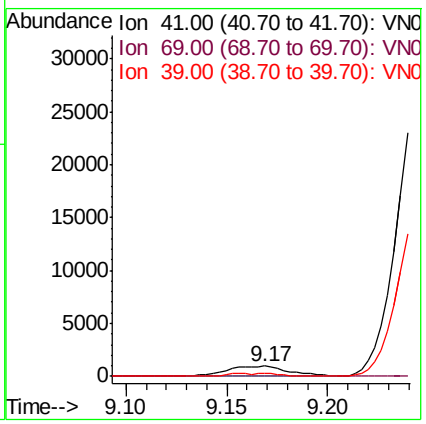


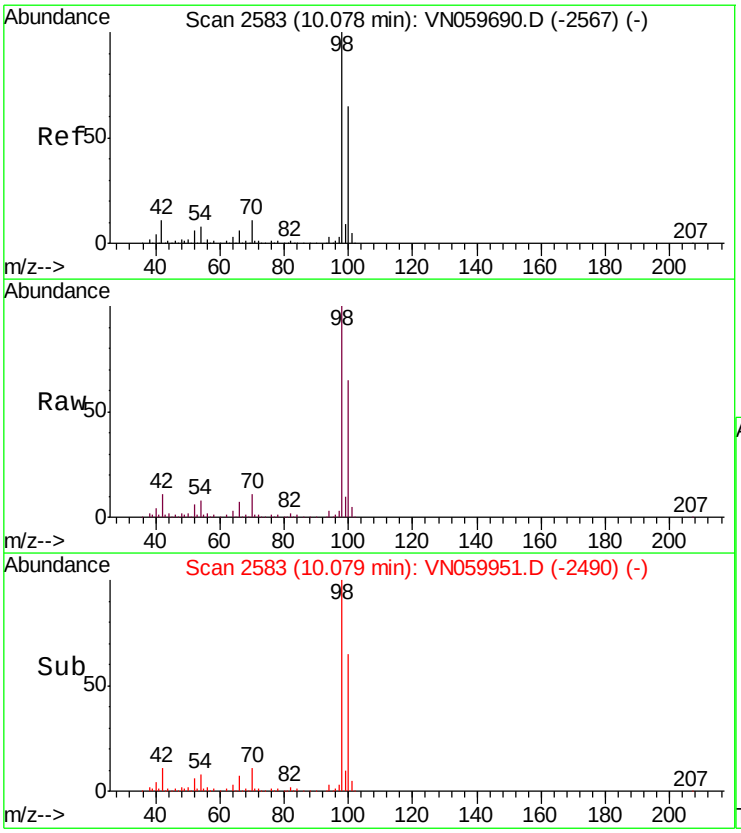
#48
Methyl methacrylate
Concen: 1.144 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.01 min
Lab File: VN059951.D
Acq: 31 Jan 2020 16:27

Instrument :
MSVOA_N
ClientSampleId :
PB126487ZHE#02

Tgt Ion: 41 Resp: 2087

Ion	Ratio	Lower	Upper
41	100		
69	0.0	64.4	96.6#
39	0.0	51.3	76.9#

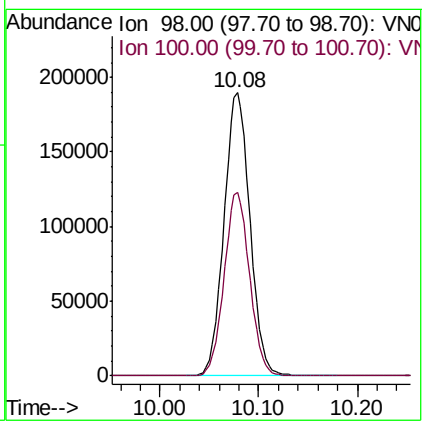


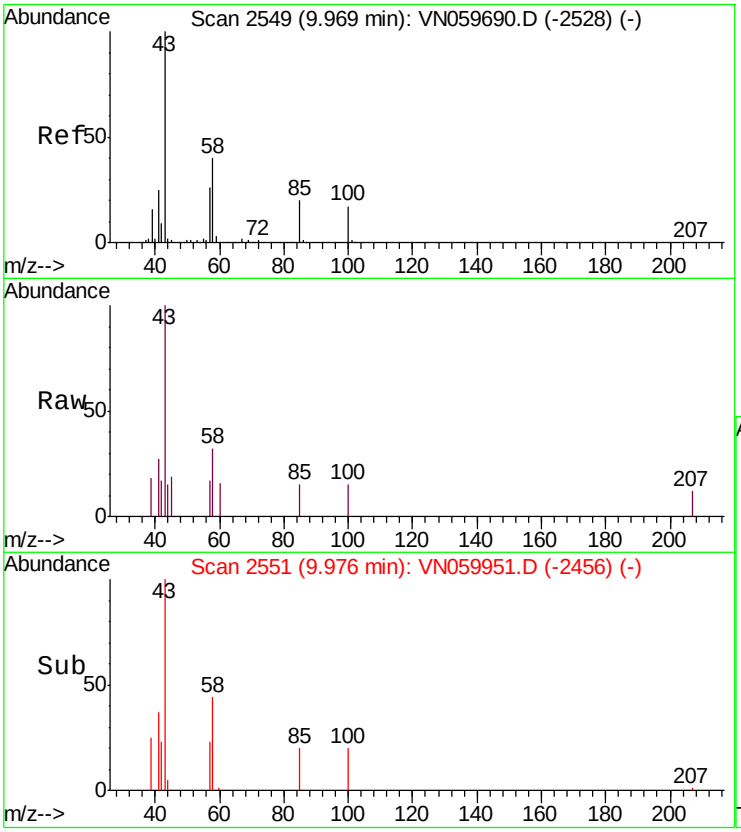


#50
Toluene-d8
Concen: 51.982 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059951.D
Acq: 31 Jan 2020 16:27

Tgt Ion: 98 Resp: 348612

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.2	76.8



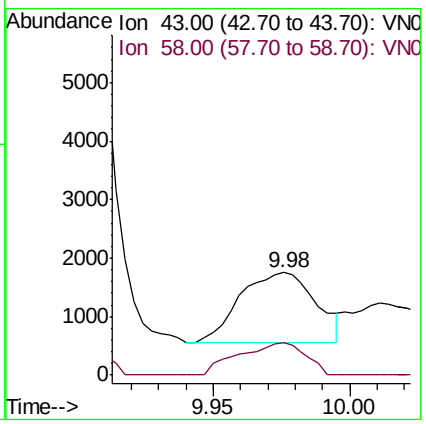


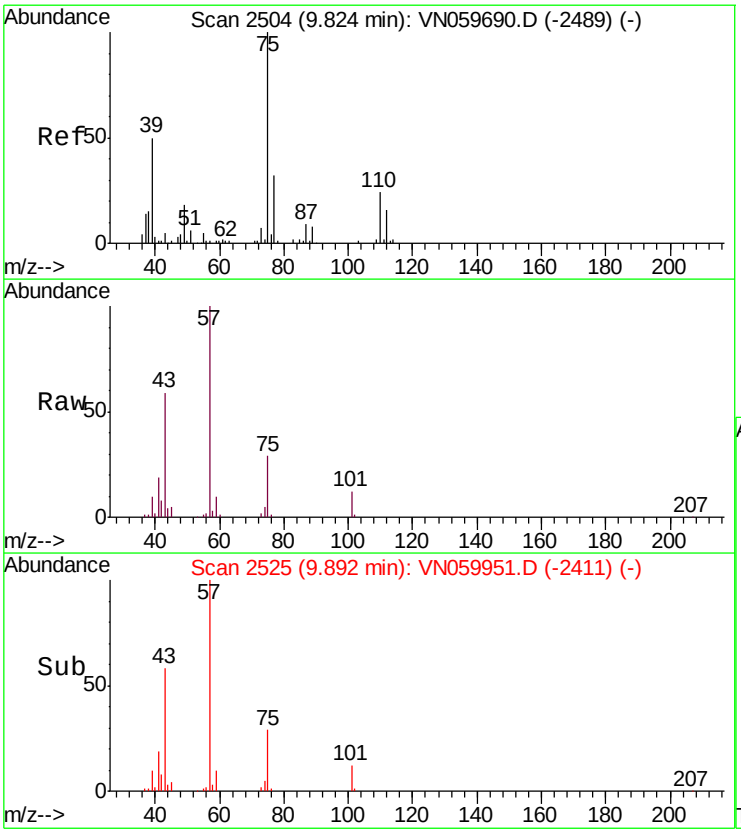
#51
4-Methyl-2-Pentanone
Concen: 0.972 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. 0.01 min
Lab File: VN059951.D
Acq: 31 Jan 2020 16:27

Instrument :
MSVOA_N
ClientSampleId :
PB126487ZHE#02

Tgt Ion: 43 Resp: 2291

Ion	Ratio	Lower	Upper
43	100		
58	41.4	29.8	44.8

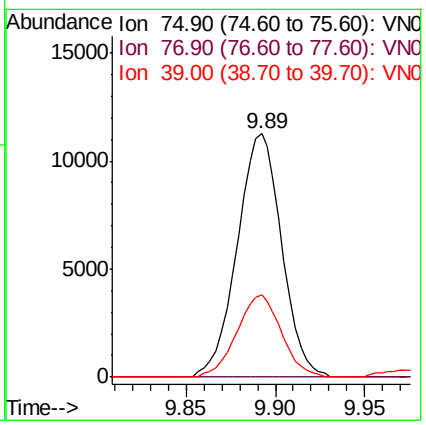


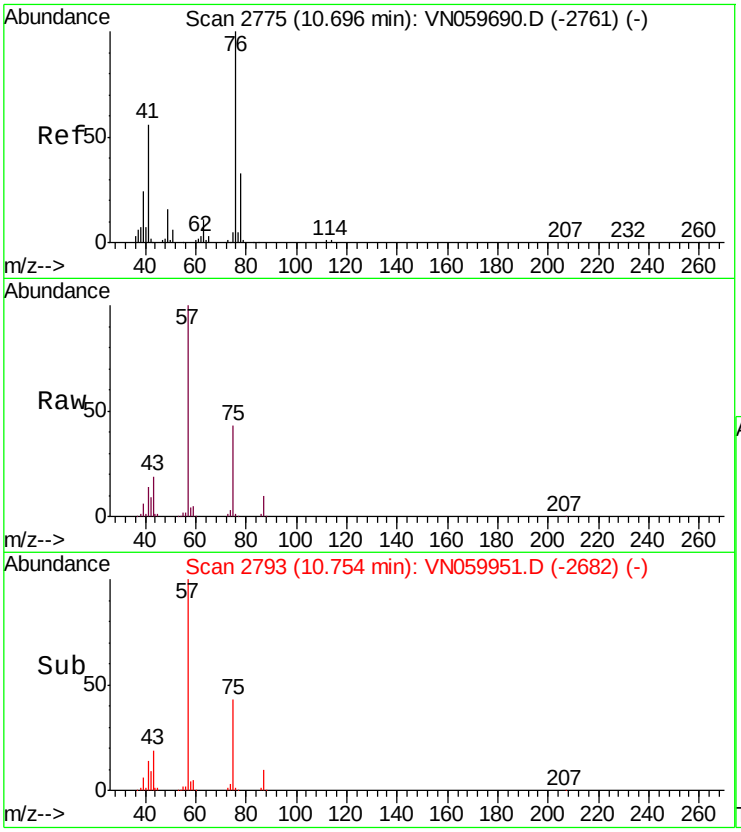


#54
cis-1,3-Dichloropropene
Concen: 6.285 ug/l
RT: 9.89 min Scan# 2525
Delta R.T. 0.07 min
Lab File: VN059951.D
Acq: 31 Jan 2020 16:27

Tgt Ion: 75 Resp: 19580

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.1	37.7#
39	33.7	46.1	69.1#



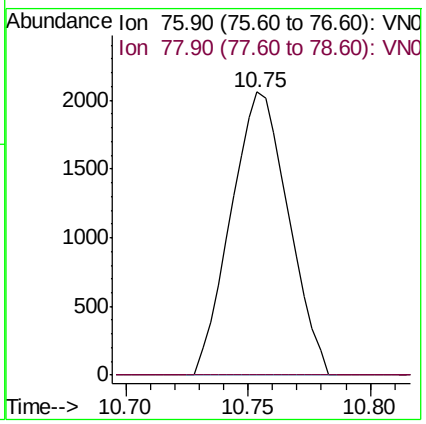


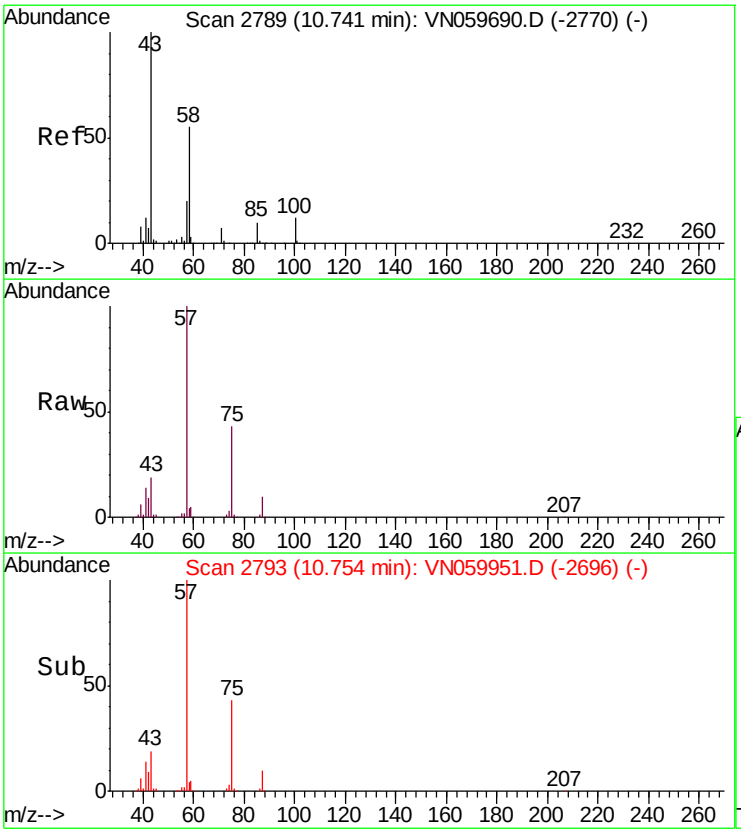
#57
1,3-Dichloropropane
Concen: 1.122 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.06 min
Lab File: VN059951.D
Acq: 31 Jan 2020 16:27

Instrument :
MSVOA_N
ClientSampleId :
PB126487ZHE#02

Tgt Ion: 76 Resp: 3360

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#

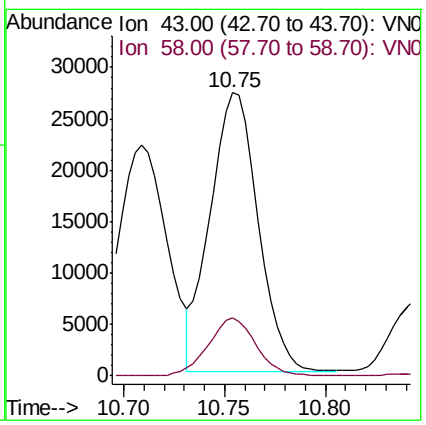


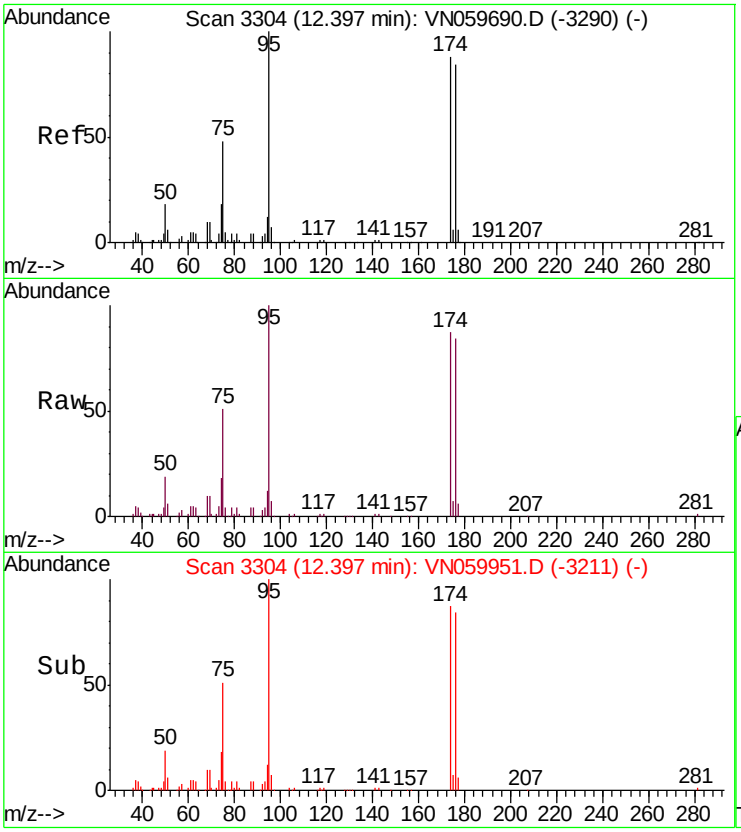


#59
2-Hexanone
Concen: 26.030 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.01 min
Lab File: VN059951.D
Acq: 31 Jan 2020 16:27

Tgt Ion: 43 Resp: 45203

Ion	Ratio	Lower	Upper
43	100		
58	20.5	25.8	77.3#



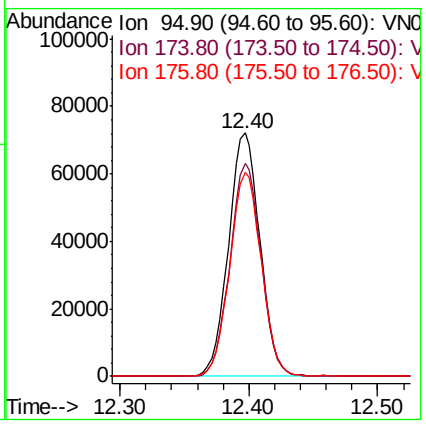


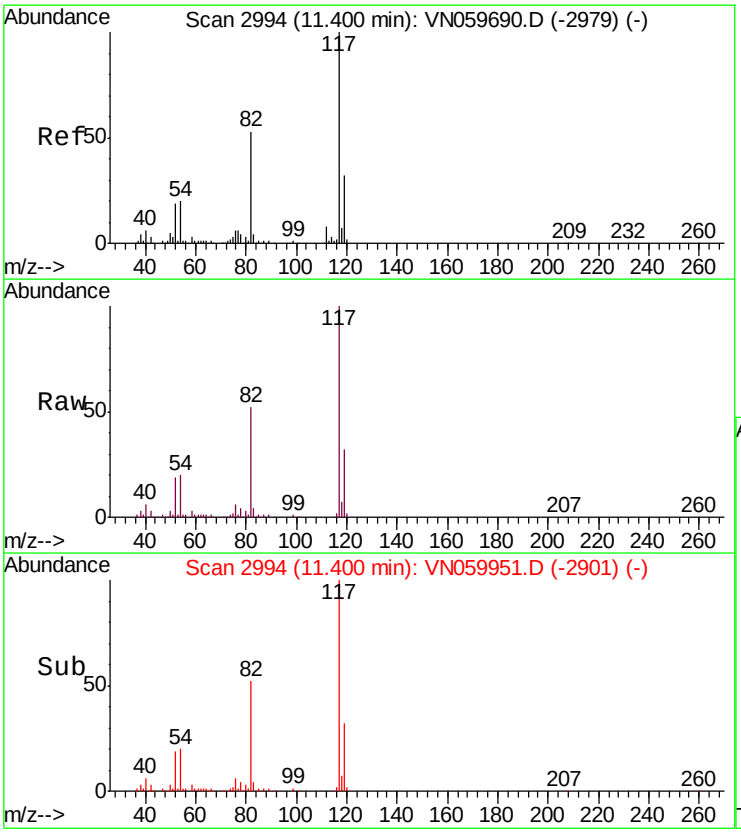
#62
4-Bromofluorobenzene
Concen: 50.508 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059951.D
Acq: 31 Jan 2020 16:27

Instrument :
MSVOA_N
ClientSampleId :
PB126487ZHE#02

Tgt Ion: 95 Resp: 122111

Ion	Ratio	Lower	Upper
95	100		
174	86.5	0.0	151.4
176	84.0	0.0	146.0

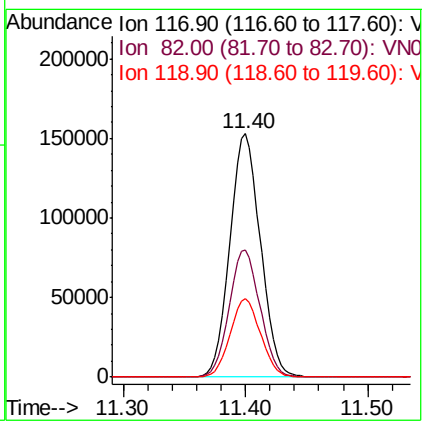


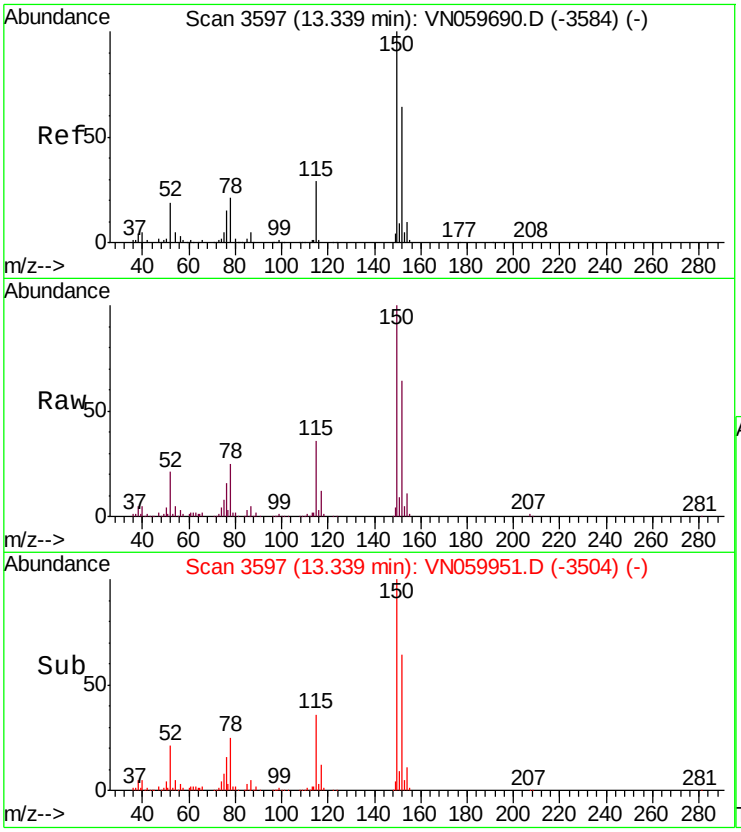


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059951.D
Acq: 31 Jan 2020 16:27

Tgt Ion:117 Resp: 266168

Ion	Ratio	Lower	Upper
117	100		
82	52.2	45.9	68.9
119	32.2	25.5	38.3



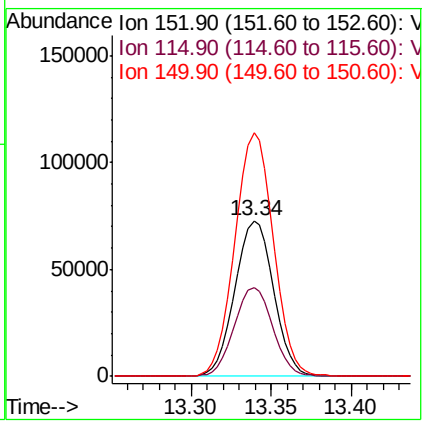


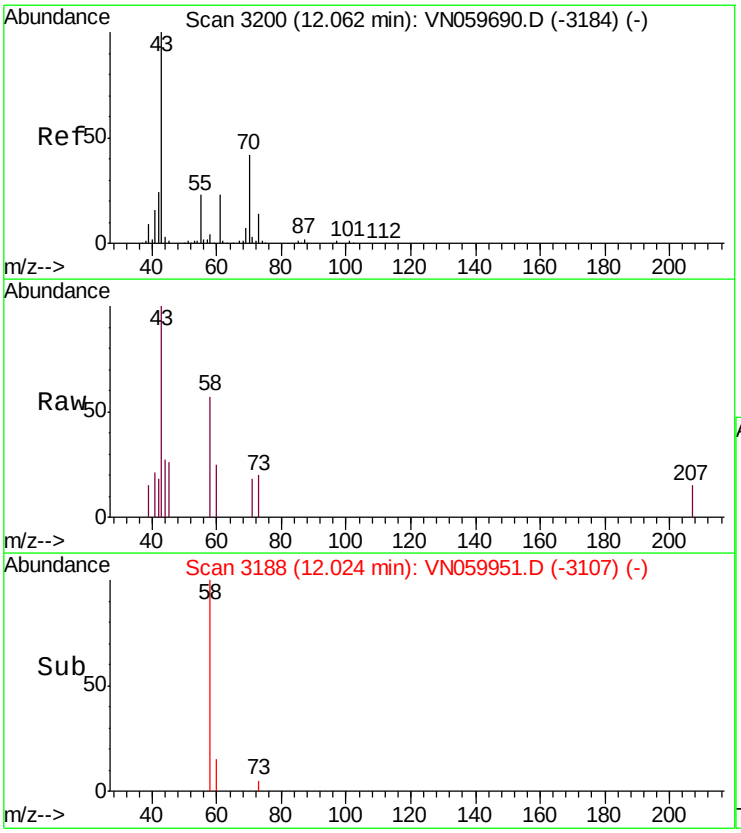
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059951.D
Acq: 31 Jan 2020 16:27

Instrument : MSVOA_N
ClientSampleId : PB126487ZHE#02

Tgt Ion:152 Resp: 119933

Ion	Ratio	Lower	Upper
152	100		
115	56.9	30.3	90.9
150	156.2	0.0	345.2

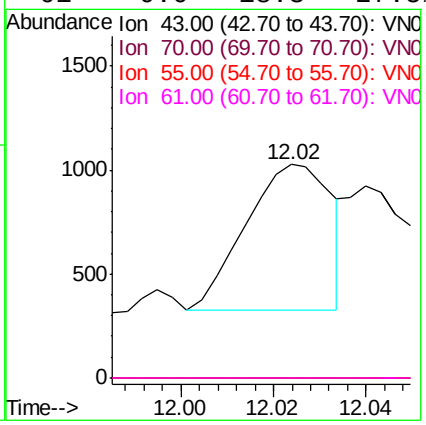


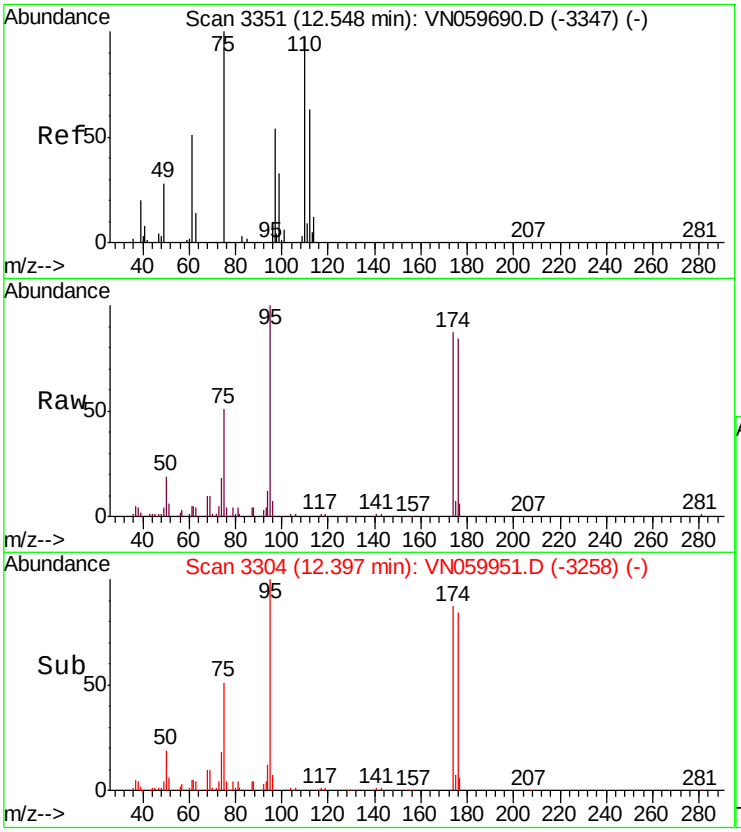


#74
N-amyl acetate
Concen: 0.264 ug/l
RT: 12.02 min Scan# 3188
Delta R.T. -0.04 min
Lab File: VN059951.D
Acq: 31 Jan 2020 16:27

Tgt Ion: 43 Resp: 901

Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.3	46.9#
55	0.0	19.8	29.6#
61	0.0	18.3	27.5#



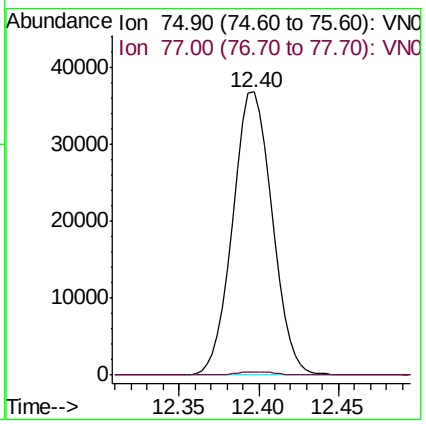


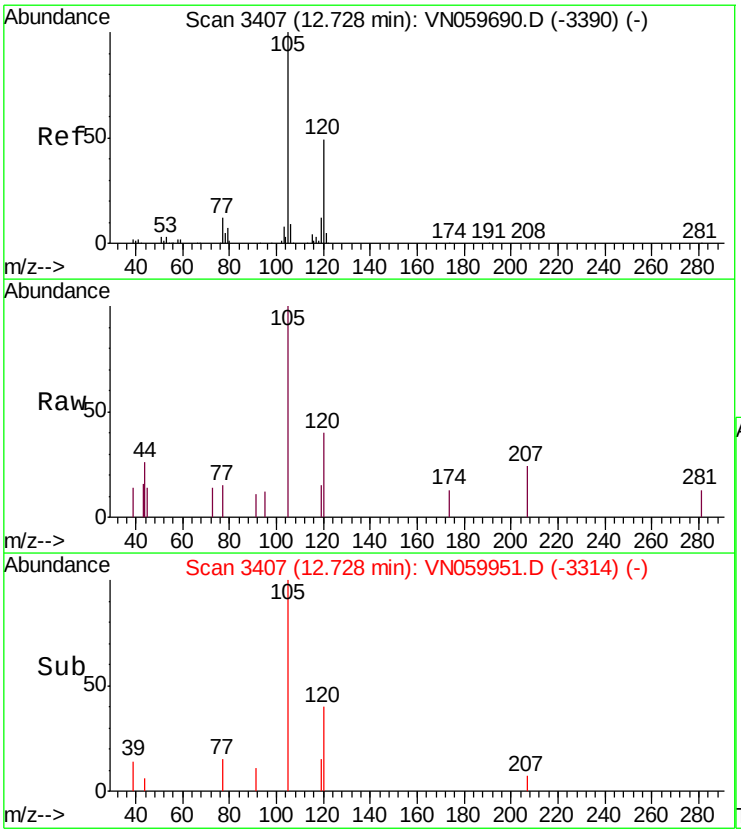
#76
1,2,3-Trichloropropane
Concen: 30.798 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.15 min
Lab File: VN059951.D
Acq: 31 Jan 2020 16:27

Instrument :
MSVOA_N
ClientSampleId :
PB126487ZHE#02

Tgt Ion: 75 Resp: 62161

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#

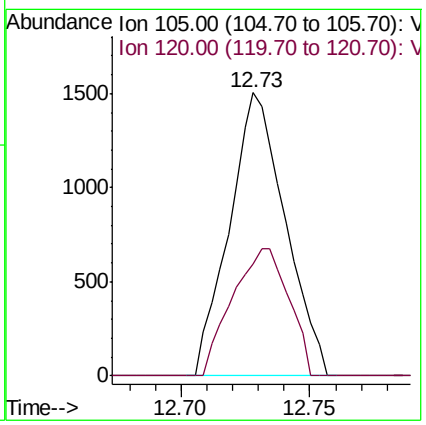


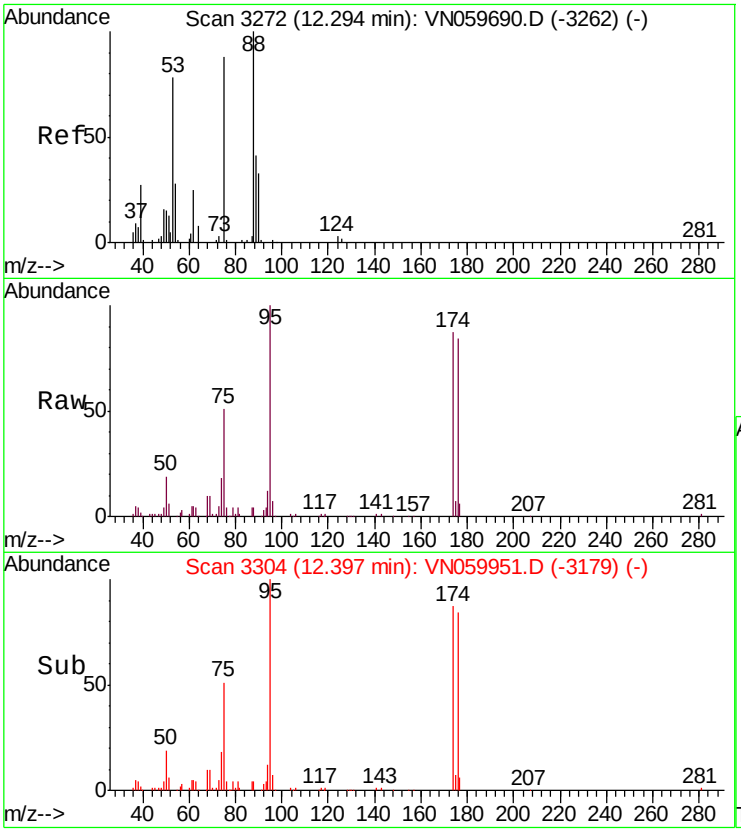


#80
1,3,5-Trimethylbenzene
Concen: 0.307 ug/l
RT: 12.73 min Scan# 3407
Delta R.T. 0.00 min
Lab File: VN059951.D
Acq: 31 Jan 2020 16:27

Tgt Ion:105 Resp: 2270

Ion	Ratio	Lower	Upper
105	100		
120	45.6	24.1	72.4



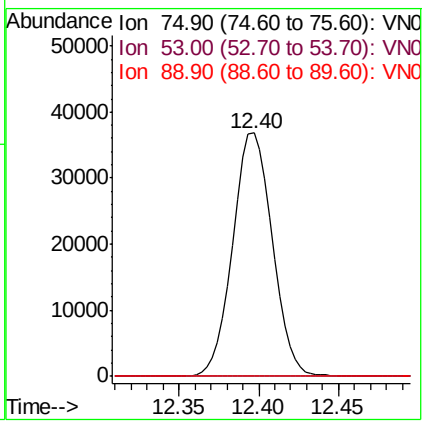


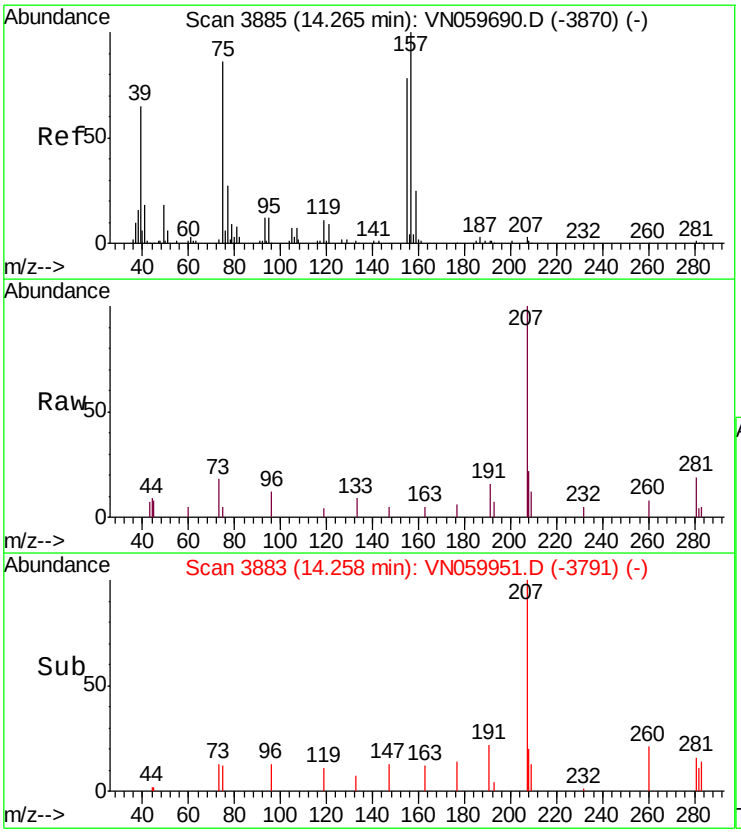
#81
trans-1,4-Dichloro-2-butene
Concen: 66.139 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.10 min
Lab File: VN059951.D
Acq: 31 Jan 2020 16:27

Instrument :
MSVOA_N
ClientSampleId :
PB126487ZHE#02

Tgt Ion: 75 Resp: 62161

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.1	117.1#
89	0.0	35.4	53.2#





#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.26 min Scan# 3883
Delta R.T. -0.01 min
Lab File: VN059951.D
Acq: 31 Jan 2020 16:27

Tgt Ion: 75 Resp: 94

Ion	Ratio	Lower	Upper
75	100		
155	0.0	37.0	110.9#
157	0.0	48.4	145.2#