Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112818\
Data File : VN052516.D
Acq On : 28 Nov 2018 13:37
Operator : MD\SY
Sample : VN1128WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

Quant Time: Nov 29 00:45:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 28 01:11:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1141645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1791651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1569747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	686444	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	586630	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.38%			
35) Dibromofluoromethane	7.59	113	525924	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.22%			
50) Toluene-d8	10.09	98	2070890	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.34%			
62) 4-Bromofluorobenzene	12.40	95	699094	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.78%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	187030	17.496	ug/l	97
3) Chloromethane	2.06	50	250098	17.724	ug/l	99
4) Vinyl Chloride	2.19	62	262561	18.114	ug/l	100
5) Bromomethane	2.58	94	153975	17.025	ug/l	98
6) Chloroethane	2.71	64	153288	17.459	ug/l	100
7) Trichlorofluoromethane	3.03	101	326806	18.355	ug/l	99
8) Diethyl Ether	3.41	74	124701	18.966	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	204722	18.427	ug/l	99
10) Methyl Iodide	3.96	142	288457	19.494	ug/l	99
11) Tert butyl alcohol	4.79	59	54171	87.049	ug/l	100
12) 1,1-Dichloroethene	3.74	96	200648	18.762	ug/l	98
13) Acrolein	3.61	56	83543	99.762	ug/l #	78
14) Allyl chloride	4.33	41	339414	18.415	ug/l	99
15) Acrylonitrile	4.99	53	348684	88.515	ug/l	99
16) Acetone	3.82	43	245605	74.910	ug/l	99
17) Carbon Disulfide	4.06	76	556497	16.536	ug/l	99
18) Methyl Acetate	4.33	43	165892	17.639	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	541280	19.023	ug/l	95
20) Methylene Chloride	4.55	84	229837	17.914	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	214704	18.798	ug/l	96
22) Diisopropyl ether	5.95	45	721435	18.634	ug/l	99
23) Vinyl Acetate	5.90	43	2172038	90.072	ug/l	99
24) 1,1-Dichloroethane	5.85	63	417739	18.898	ug/l	99
25) 2-Butanone	6.84	43	386138	83.091	ug/l	97
26) 2,2-Dichloropropane	6.83	77	264279	17.272	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	249715	18.769	ug/l	99
28) Bromochloromethane	7.20	49	181314	17.958	ug/l	96
29) Tetrahydrofuran	7.21	42	257109	85.778	ug/l	99
30) Chloroform	7.37	83	401966	18.226	ug/l	98
31) Cyclohexane	7.66	56	407190	18.803	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	323554	18.516	ug/l	99
36) 1,1-Dichloropropene	7.79	75	316823	18.726	ug/l	99
37) Ethyl Acetate	6.93	43	174295	16.880	ug/l	100
38) Carbon Tetrachloride	7.78	117	274048	17.893	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112818\
Data File : VN052516.D
Acq On : 28 Nov 2018 13:37
Operator : MD\SY
Sample : VN1128WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

Quant Time: Nov 29 00:45:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 28 01:11:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	387138	18.826	ug/l		99
40) Benzene	8.04	78	959373	19.027	ug/l		99
41) Methacrylonitrile	7.17	41	88962	15.759	ug/l		91
42) 1,2-Dichloroethane	8.13	62	282752	18.520	ug/l		99
43) Isopropyl Acetate	8.17	43	320802	18.359	ug/l	#	86
44) Trichloroethene	8.84	130	243494	18.853	ug/l		100
45) 1,2-Dichloropropane	9.12	63	249040	18.578	ug/l		99
46) Dibromomethane	9.21	93	138301	18.636	ug/l		99
47) Bromodichloromethane	9.40	83	287109	17.795	ug/l		99
48) Methyl methacrylate	9.20	41	166837	18.311	ug/l		97
49) 1,4-Dioxane	9.20	88	35177	372.003	ug/l		94
51) 4-Methyl-2-Pentanone	9.99	43	871240	88.865	ug/l		98
52) Toluene	10.16	92	639583	21.349	ug/l		99
53) t-1,3-Dichloropropene	10.38	75	272851	17.579	ug/l		100
54) cis-1,3-Dichloropropene	9.84	75	341075	18.337	ug/l		99
55) 1,1,2-Trichloroethane	10.56	97	198284	18.816	ug/l		98
56) Ethyl methacrylate	10.43	69	245658	18.577	ug/l		96
57) 1,3-Dichloropropane	10.71	76	346223	18.607	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.70	63	702542	91.878	ug/l		98
59) 2-Hexanone	10.75	43	565621	85.960	ug/l		98
60) Dibromochloromethane	10.90	129	200104	17.484	ug/l		98
61) 1,2-Dibromoethane	11.01	107	191304	18.278	ug/l		100
64) Tetrachloroethene	10.63	164	230749	18.959	ug/l		99
65) Chlorobenzene	11.43	112	619822	19.149	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.51	131	208818	18.554	ug/l		99
67) Ethyl Benzene	11.51	91	1112930	19.635	ug/l		100
68) m/p-Xylenes	11.62	106	862109	40.856	ug/l		100
69) o-Xylene	11.95	106	410721	20.044	ug/l		100
70) Styrene	11.96	104	636642	19.506	ug/l		100
71) Bromoform	12.13	173	126232	16.940	ug/l	#	100
73) Isopropylbenzene	12.25	105	1060116	19.684	ug/l		99
74) N-amyl acetate	12.07	43	246831	18.141	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.51	83	221456	18.076	ug/l		97
76) 1,2,3-Trichloropropane	12.55	75	188097m	17.770	ug/l		
77) Bromobenzene	12.53	156	263874	19.823	ug/l		96
78) n-propylbenzene	12.59	91	1214563	19.851	ug/l		99
79) 2-Chlorotoluene	12.68	91	717983	19.706	ug/l		100
80) 1,3,5-Trimethylbenzene	12.73	105	878331	20.449	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.30	75	47571	15.008	ug/l		89
82) 4-Chlorotoluene	12.77	91	711015	19.363	ug/l		99
83) tert-Butylbenzene	12.99	119	759392	19.832	ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	940180	21.842	ug/l		100
85) sec-Butylbenzene	13.17	105	1006356	19.296	ug/l		99
86) p-Isopropyltoluene	13.29	119	863758	19.444	ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	445734	19.143	ug/l		99
88) 1,4-Dichlorobenzene	13.36	146	433170	18.886	ug/l		99
89) n-Butylbenzene	13.62	91	706387	19.121	ug/l		99
90) Hexachloroethane	13.88	117	126648	16.838	ug/l		97
91) 1,2-Dichlorobenzene	13.65	146	430208	19.338	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29268	16.704	ug/l		96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112818\
Data File : VN052516.D
Acq On : 28 Nov 2018 13:37
Operator : MD\SY
Sample : VN1128WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

Quant Time: Nov 29 00:45:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 28 01:11:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	205290	18.722	ug/l	99
94) Hexachlorobutadiene	15.01	225	132606	18.529	ug/l	99
95) Naphthalene	15.13	128	453709	19.780	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	191868	18.917	ug/l	99

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

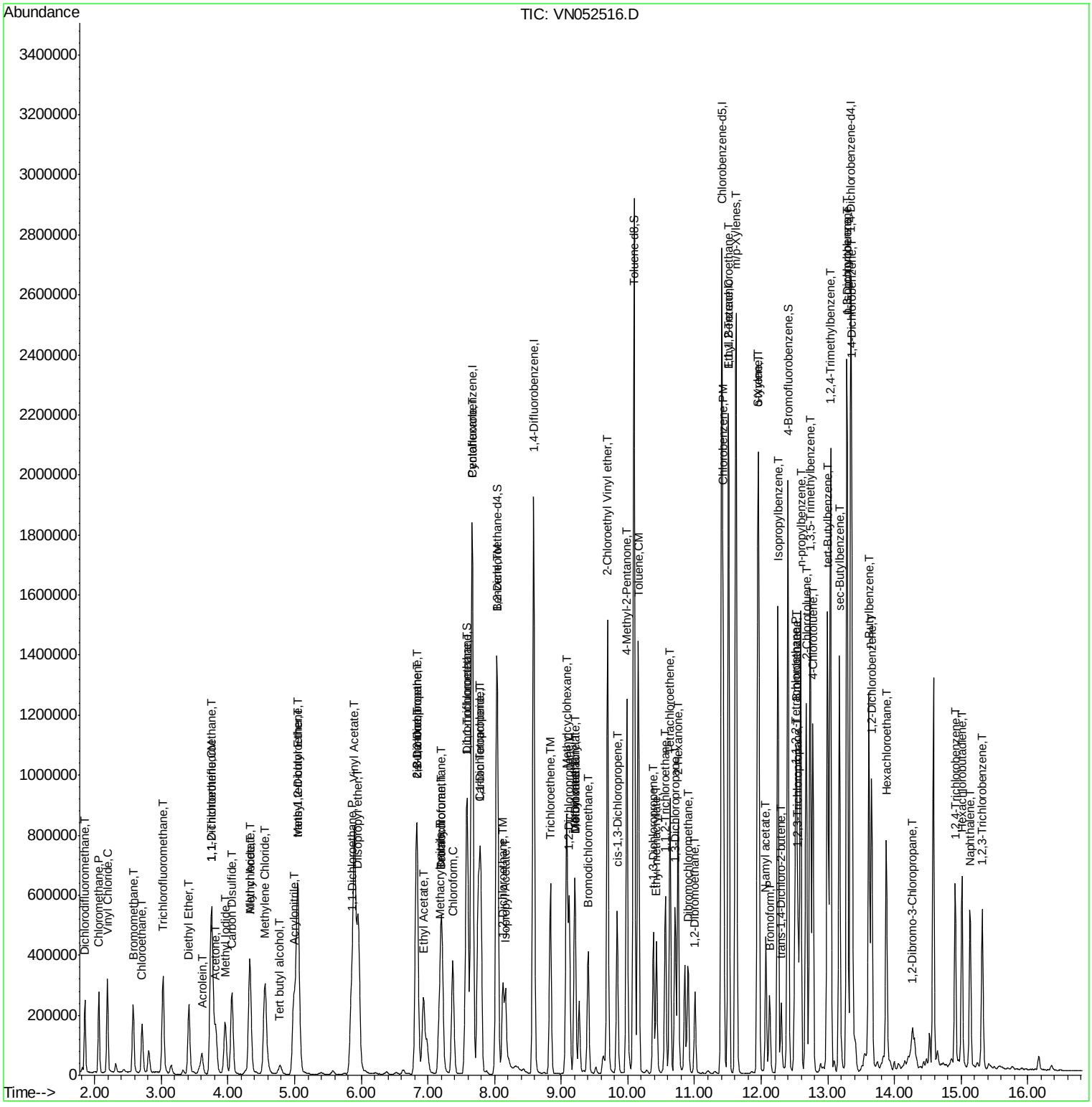
Quantitation Report (QT Reviewed)

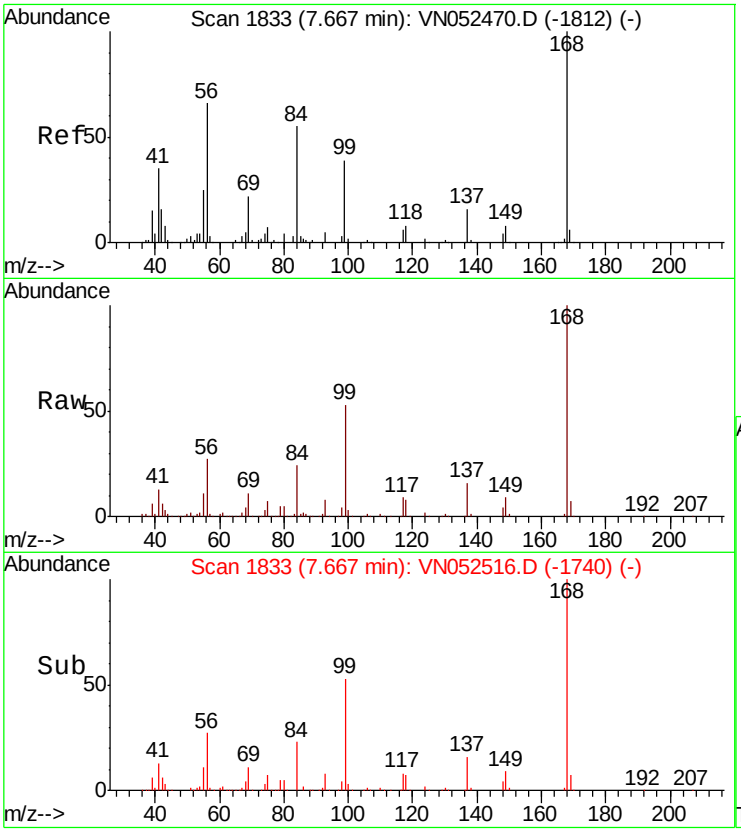
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112818\
Data File : VN052516.D
Acq On : 28 Nov 2018 13:37
Operator : MD\SY
Sample : VN1128WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Quant Time: Nov 29 00:45:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 28 01:11:38 2018
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

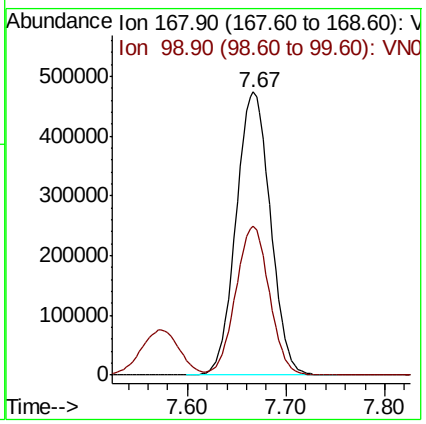




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

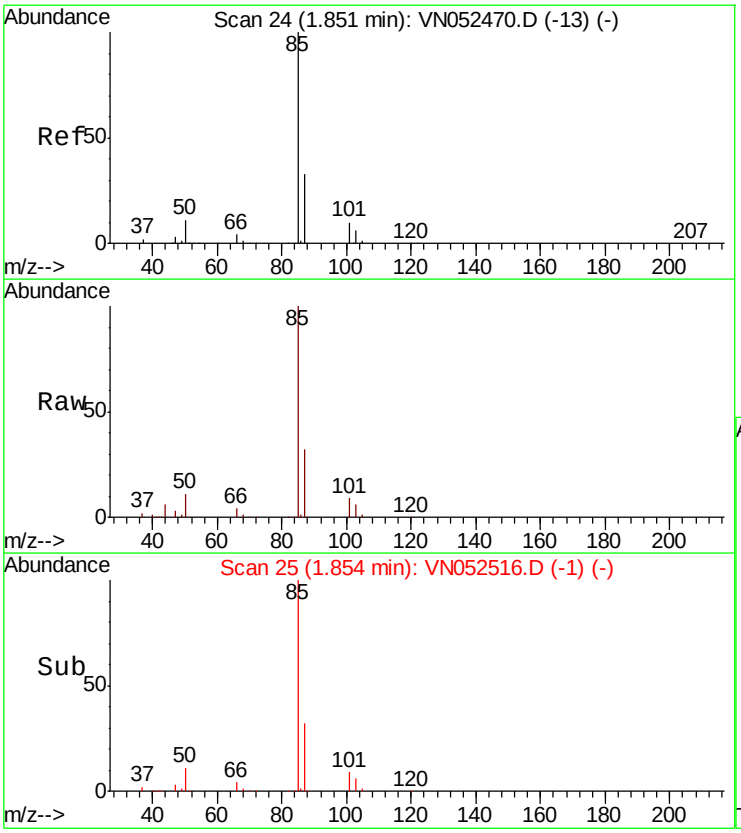
Tgt Ion:168 Resp: 1141645

Ion	Ratio	Lower	Upper
168	100		
99	52.4	41.7	62.5



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

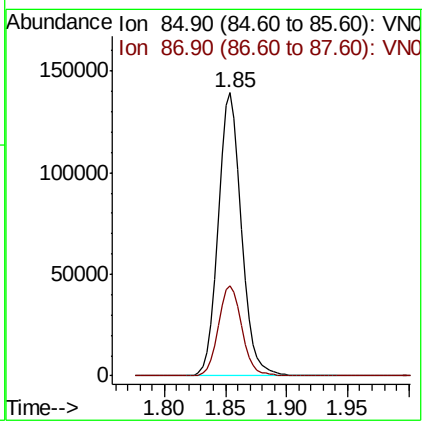
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

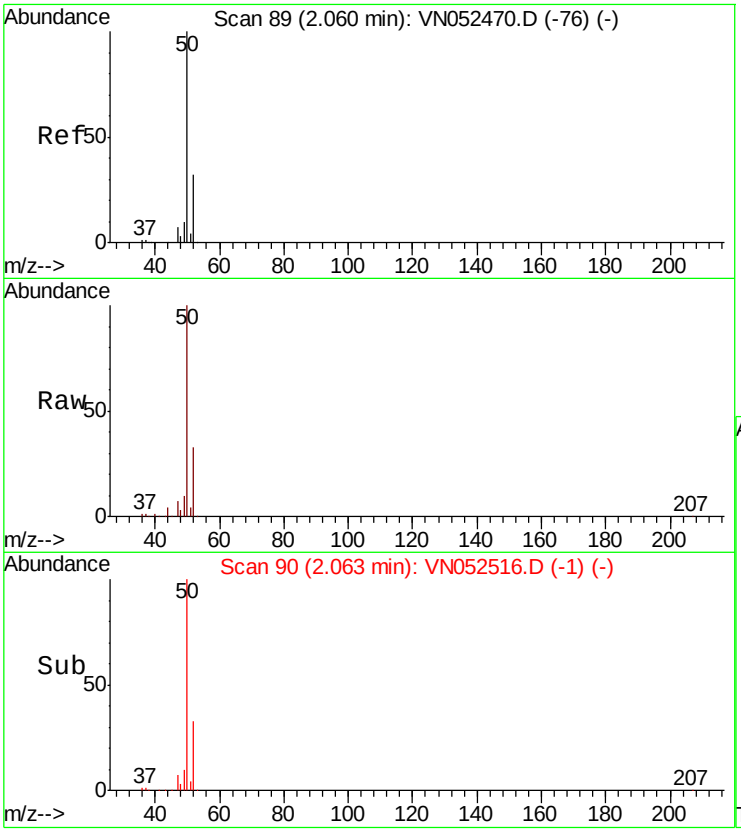


#2
Dichlorodifluoromethane
Concen: 17.496 ug/l
RT: 1.85 min Scan# 25
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 85 Resp: 187030

Ion	Ratio	Lower	Upper
85	100		
87	31.9	16.7	50.1

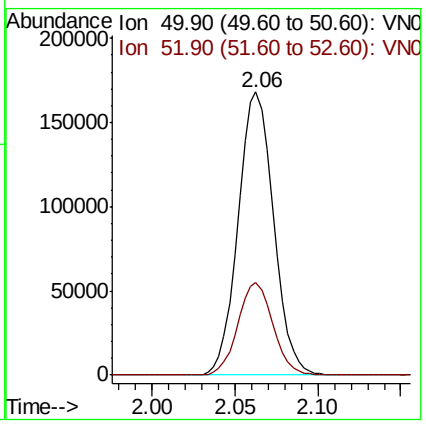




#3
Chloromethane
Concen: 17.724 ug/l
RT: 2.06 min Scan# 90
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

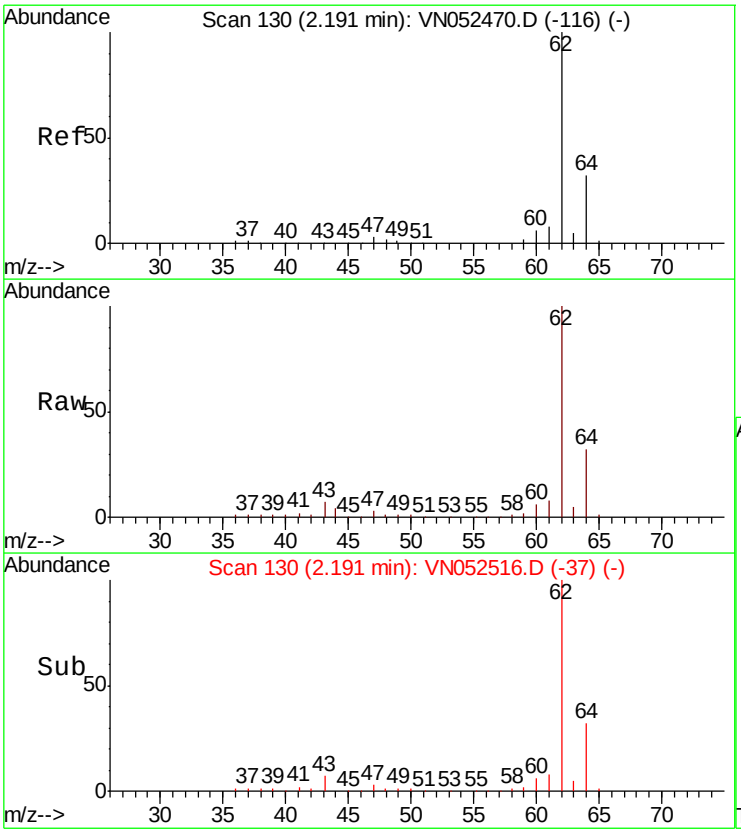
Tgt Ion: 50 Resp: 250098

Ion	Ratio	Lower	Upper
50	100		
52	32.7	25.9	38.9



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

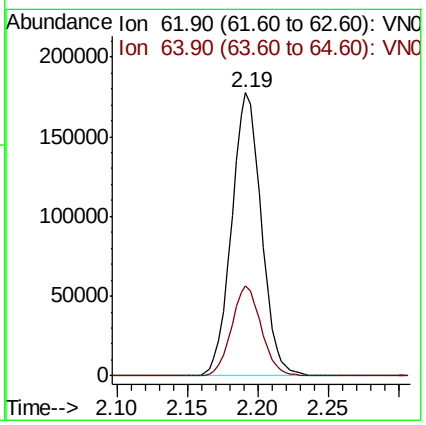
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

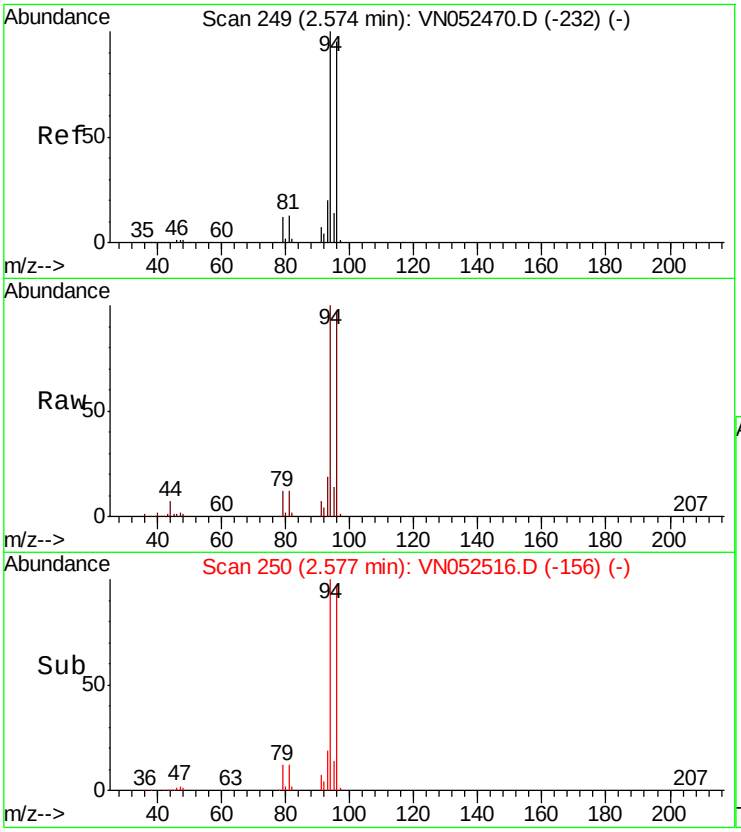


#4
Vinyl Chloride
Concen: 18.114 ug/l
RT: 2.19 min Scan# 130
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 62 Resp: 262561

Ion	Ratio	Lower	Upper
62	100		
64	31.6	25.4	38.2

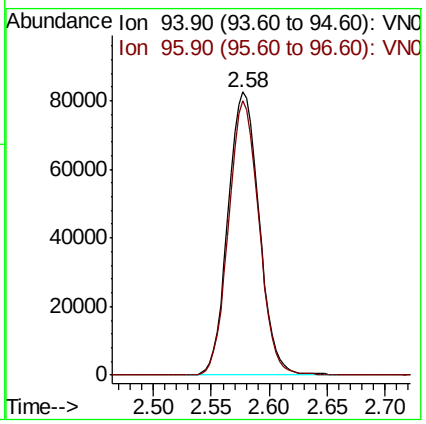




#5
Bromomethane
Concen: 17.025 ug/l
RT: 2.58 min Scan# 250
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

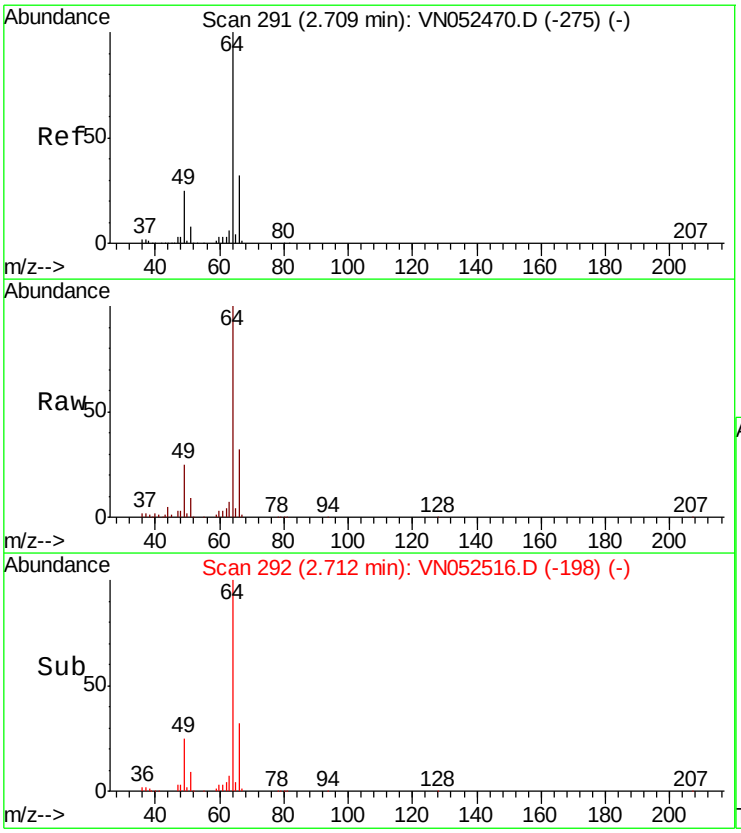
Tgt Ion: 94 Resp: 153975

Ion	Ratio	Lower	Upper
94	100		
96	97.0	75.8	113.8



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

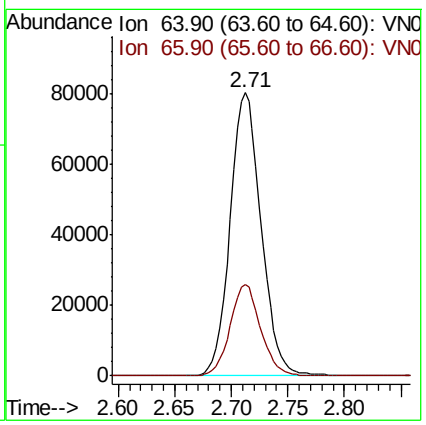
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

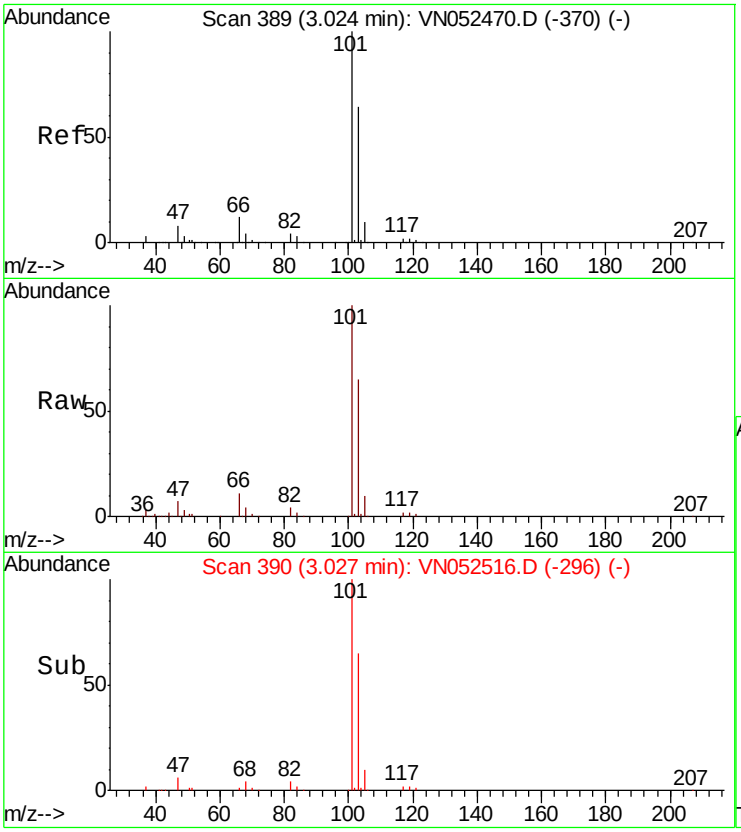


#6
Chloroethane
Concen: 17.459 ug/l
RT: 2.71 min Scan# 292
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 64 Resp: 153288

Ion	Ratio	Lower	Upper
64	100		
66	32.3	25.7	38.5

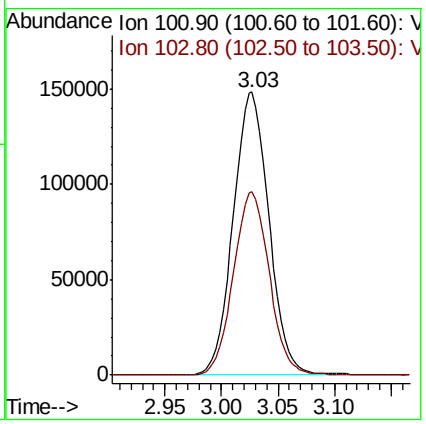




#7
Trichlorofluoromethane
Concen: 18.355 ug/l
RT: 3.03 min Scan# 390
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

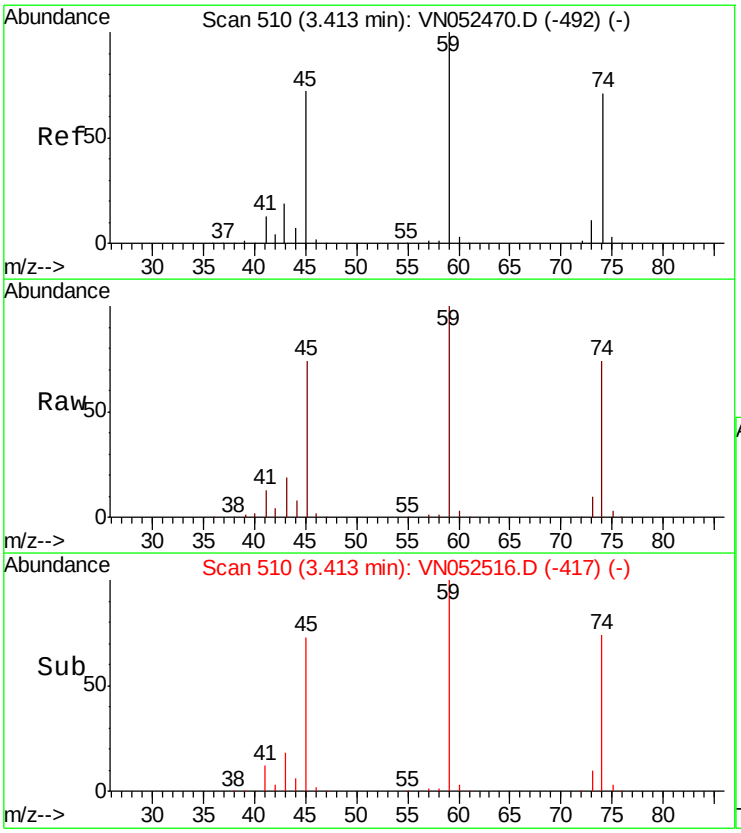
Tgt Ion:101 Resp: 326806

Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.4	77.2



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

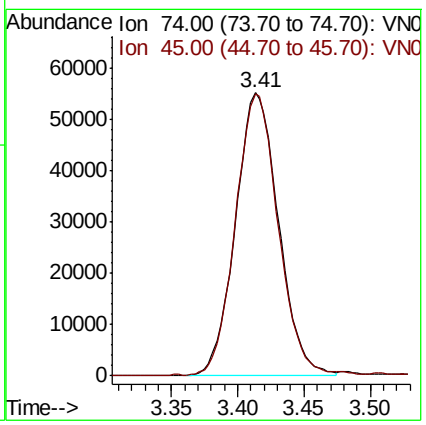
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

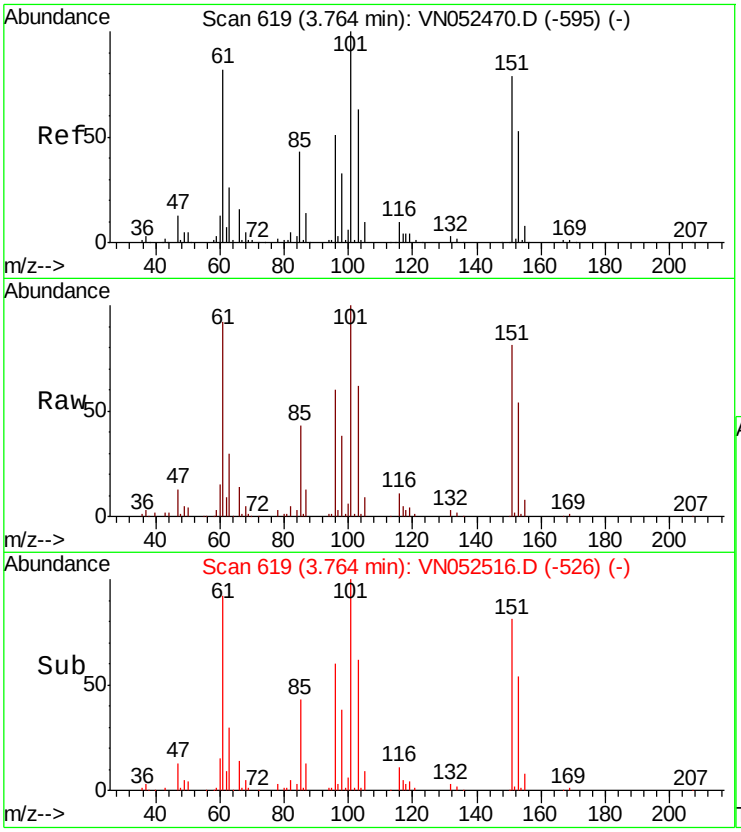


#8
Diethyl Ether
Concen: 18.966 ug/l
RT: 3.41 min Scan# 510
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 74 Resp: 124701

Ion	Ratio	Lower	Upper
74	100		
45	98.0	50.4	151.3

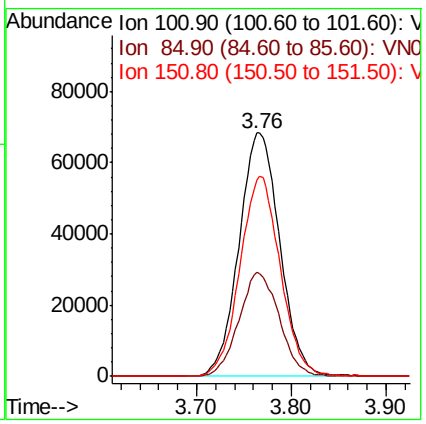




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.427 ug/l
RT: 3.76 min Scan# 619
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

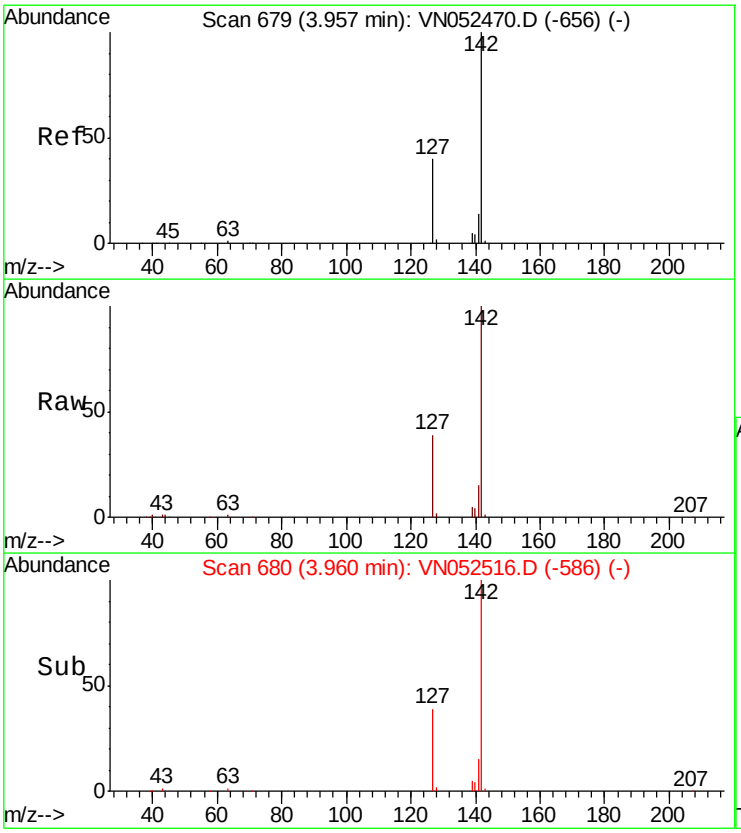
Tgt Ion:101 Resp: 204722

Ion	Ratio	Lower	Upper
101	100		
85	42.3	34.2	51.4
151	81.1	64.6	96.8



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

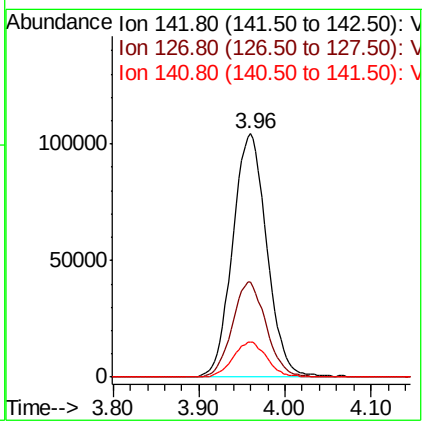
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

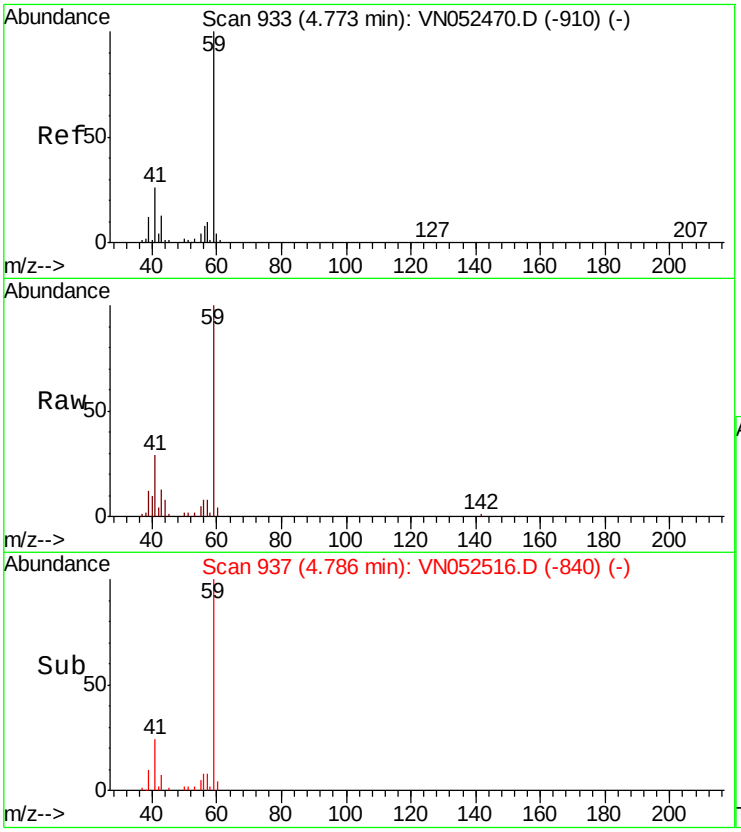


#10
Methyl Iodide
Concen: 19.494 ug/l
RT: 3.96 min Scan# 680
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion:142 Resp: 288457

Ion	Ratio	Lower	Upper
142	100		
127	38.7	31.8	47.6
141	14.3	11.4	17.0





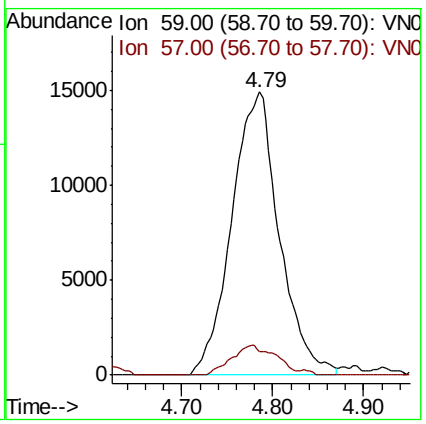
#11
Tert butyl alcohol
Concen: 87.049 ug/l
RT: 4.79 min Scan# 937
Delta R.T. 0.01 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

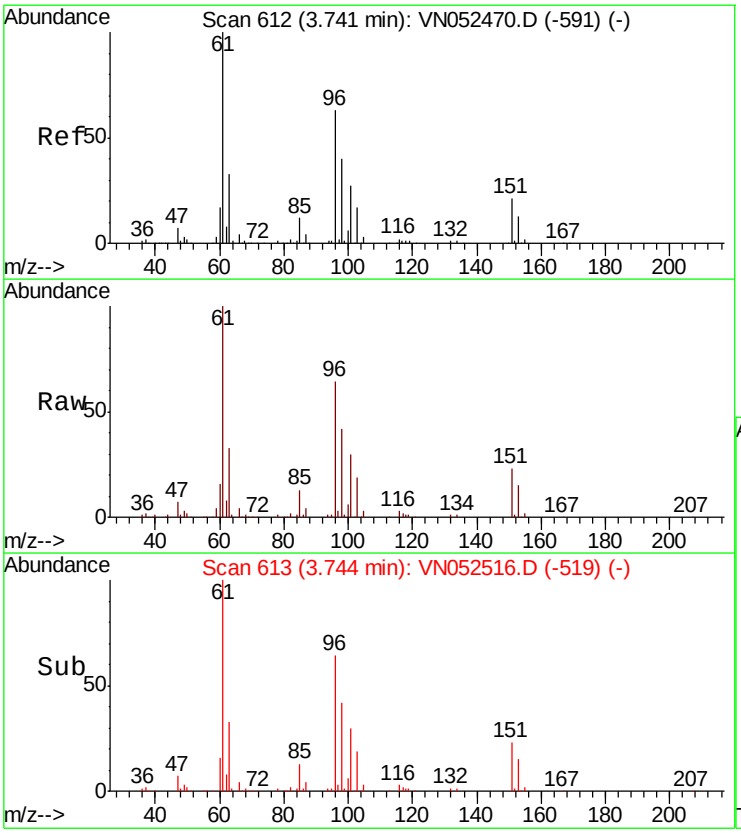
Tgt Ion: 59 Resp: 54171

Ion	Ratio	Lower	Upper
59	100		
57	9.8	7.9	11.9

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

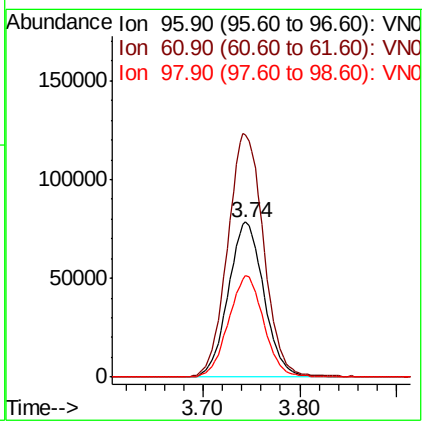


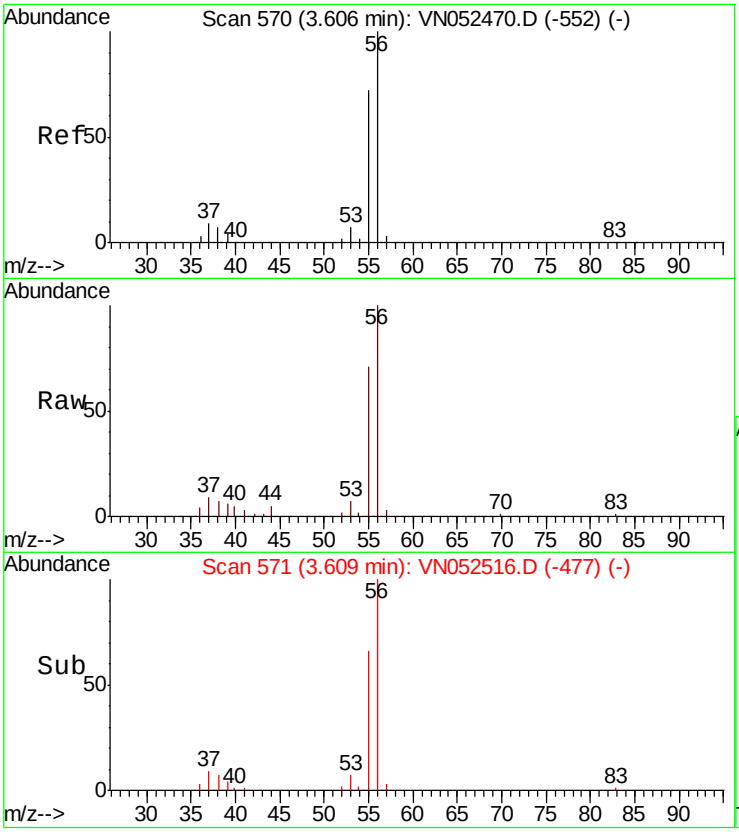


#12
1,1-Dichloroethene
Concen: 18.762 ug/l
RT: 3.74 min Scan# 613
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 96 Resp: 200648

Ion	Ratio	Lower	Upper
96	100		
61	156.4	127.0	190.6
98	65.6	50.3	75.5

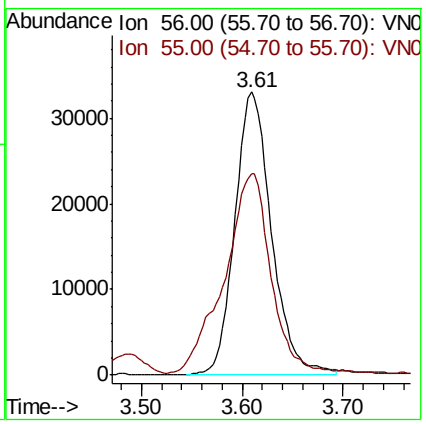




#13
Acrolein
Concen: 99.762 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

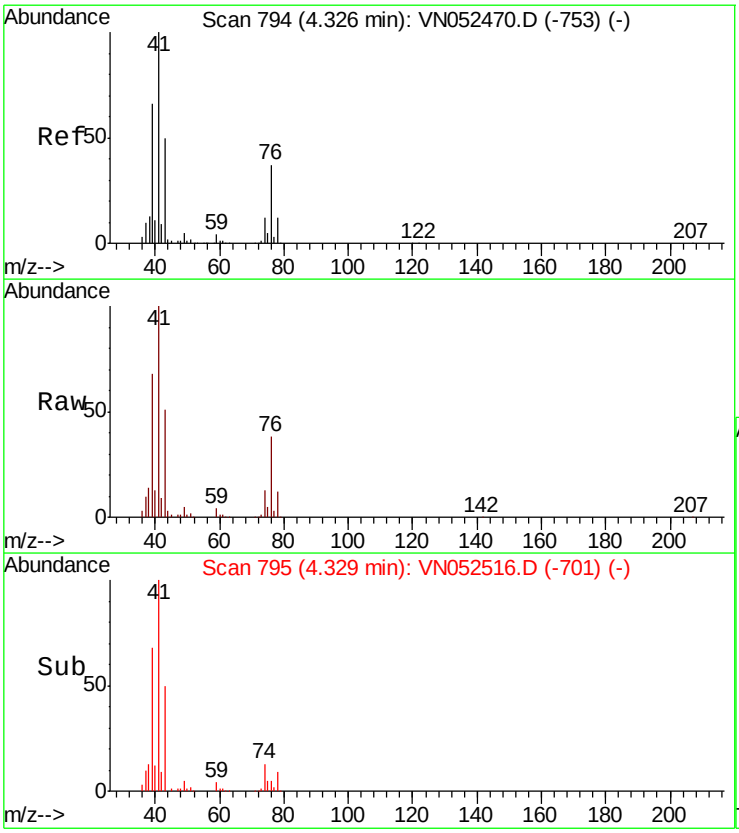
Tgt Ion: 56 Resp: 83543

Ion	Ratio	Lower	Upper
56	100		
55	89.6	56.8	85.2#



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

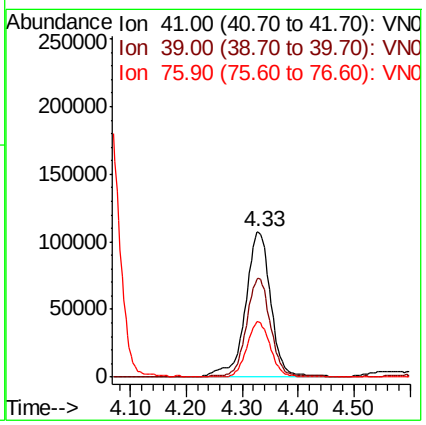
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

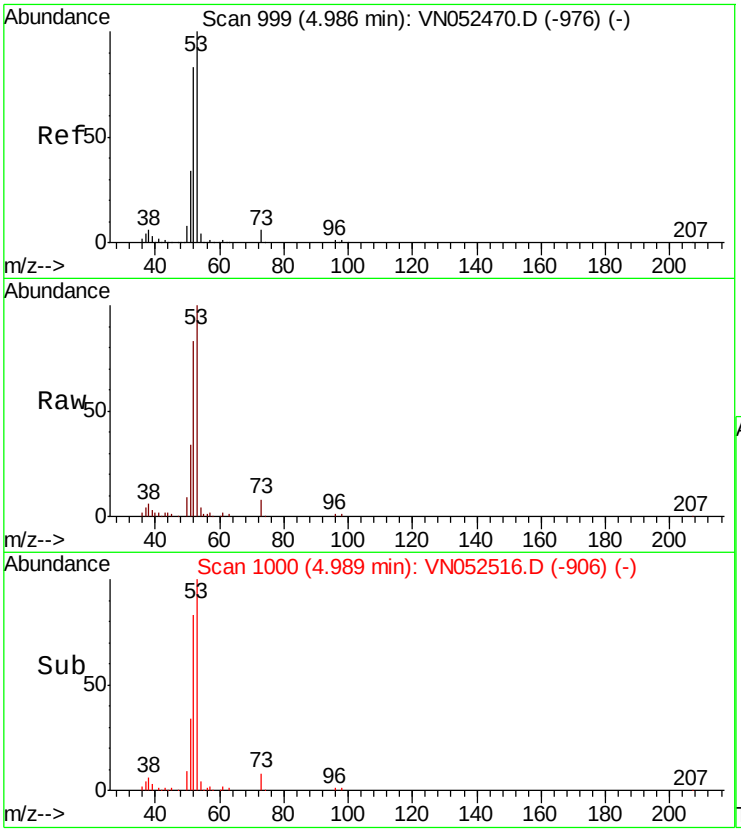


#14
Allyl chloride
Concen: 18.415 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 41 Resp: 339414

Ion	Ratio	Lower	Upper
41	100		
39	64.3	50.6	76.0
76	34.6	27.4	41.2

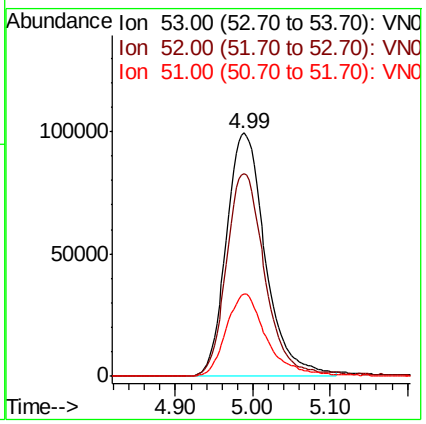




#15
Acrylonitrile
Concen: 88.515 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

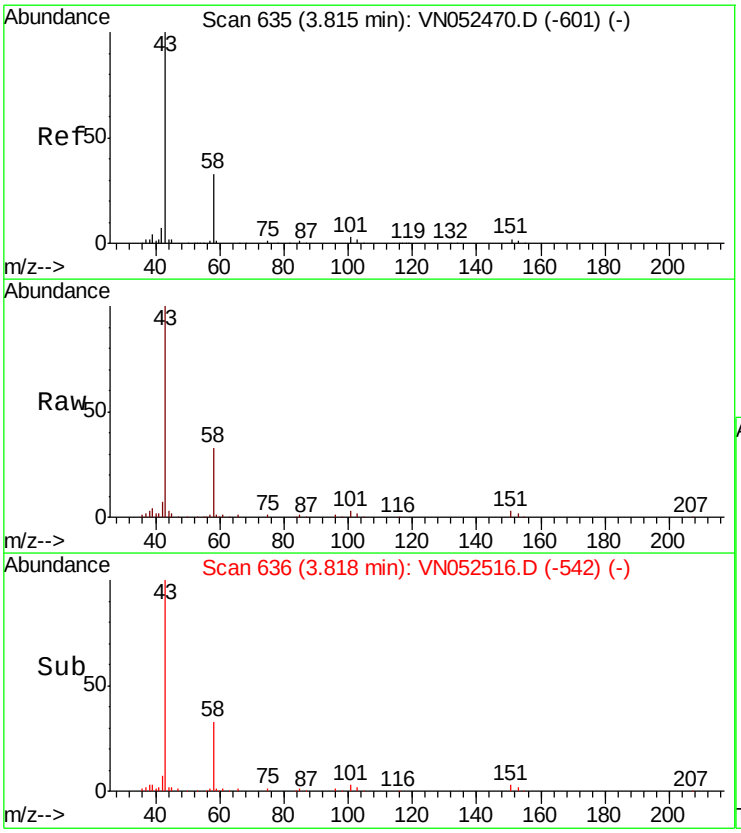
Tgt Ion: 53 Resp: 348684

Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.2	99.2
51	34.9	28.1	42.1



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

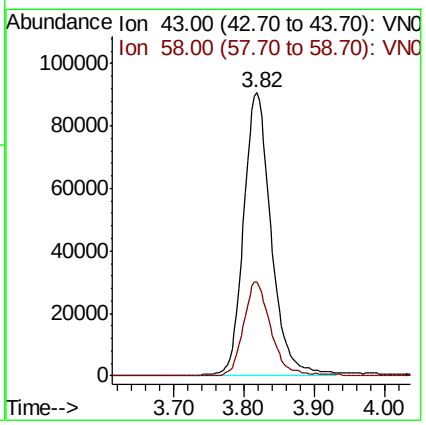
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

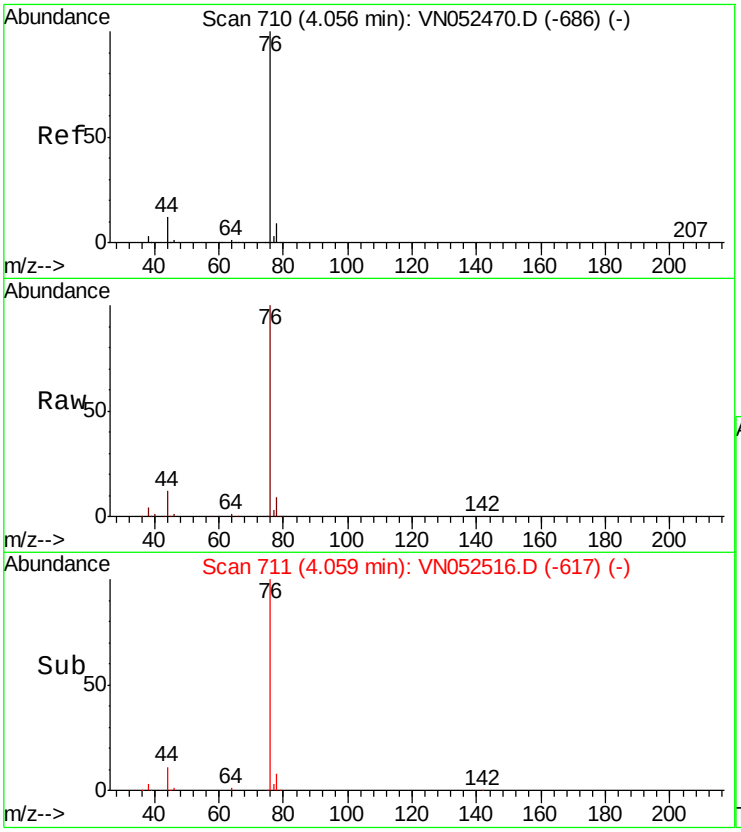


#16
Acetone
Concen: 74.910 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 43 Resp: 245605

Ion	Ratio	Lower	Upper
43	100		
58	33.2	26.0	39.0

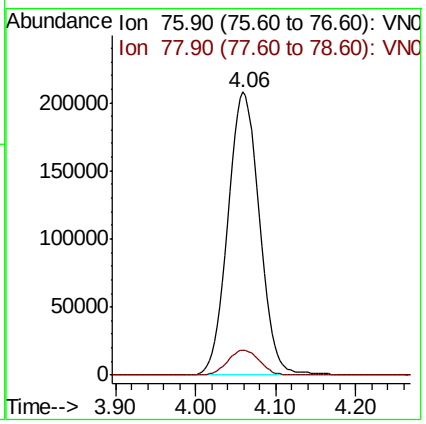




#17
Carbon Disulfide
Concen: 16.536 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

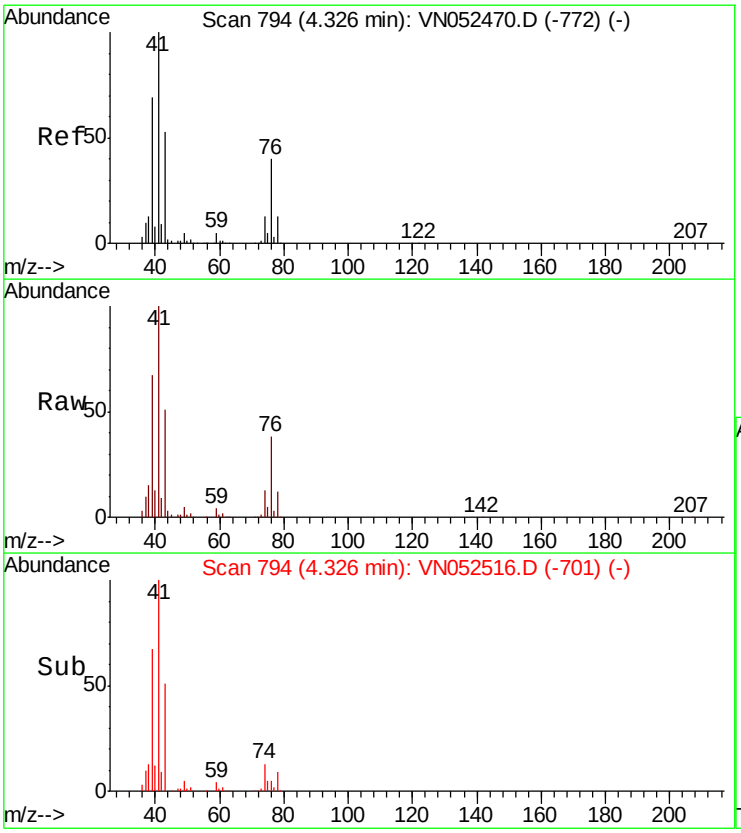
Tgt Ion: 76 Resp: 556497

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.0



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

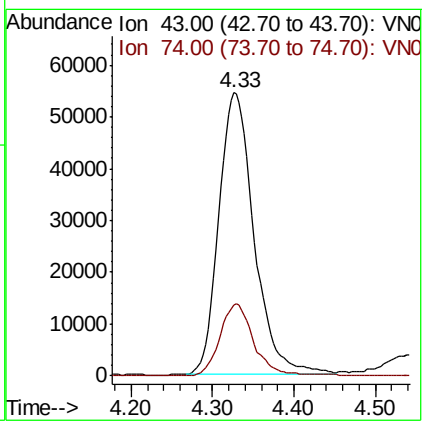
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

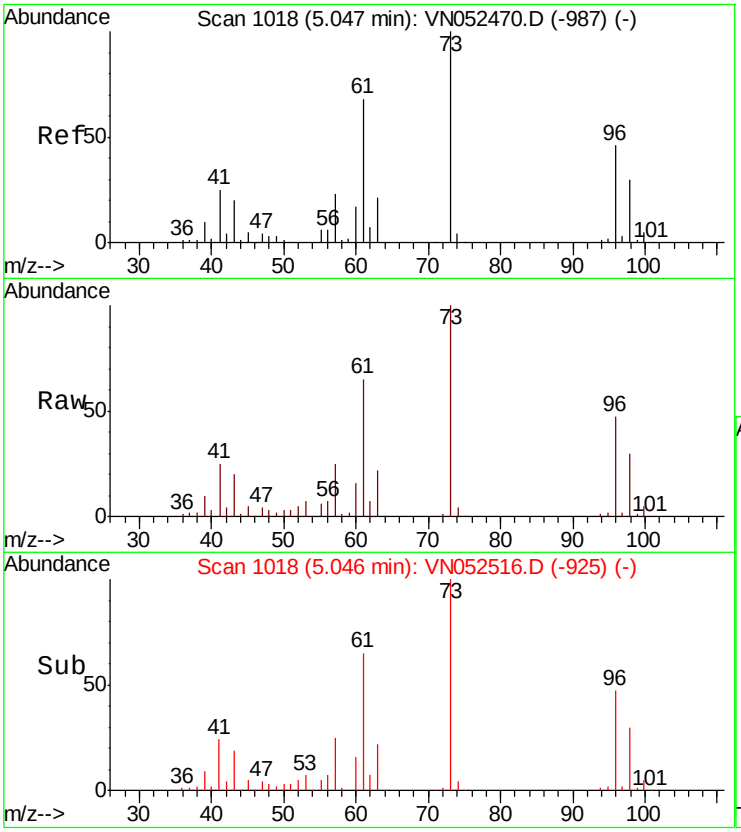


#18
Methyl Acetate
Concen: 17.639 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 43 Resp: 165892

Ion	Ratio	Lower	Upper
43	100		
74	24.1	18.6	27.8

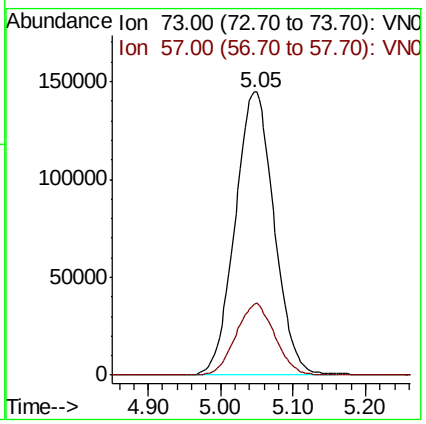




#19
Methyl tert-butyl Ether
Concen: 19.023 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

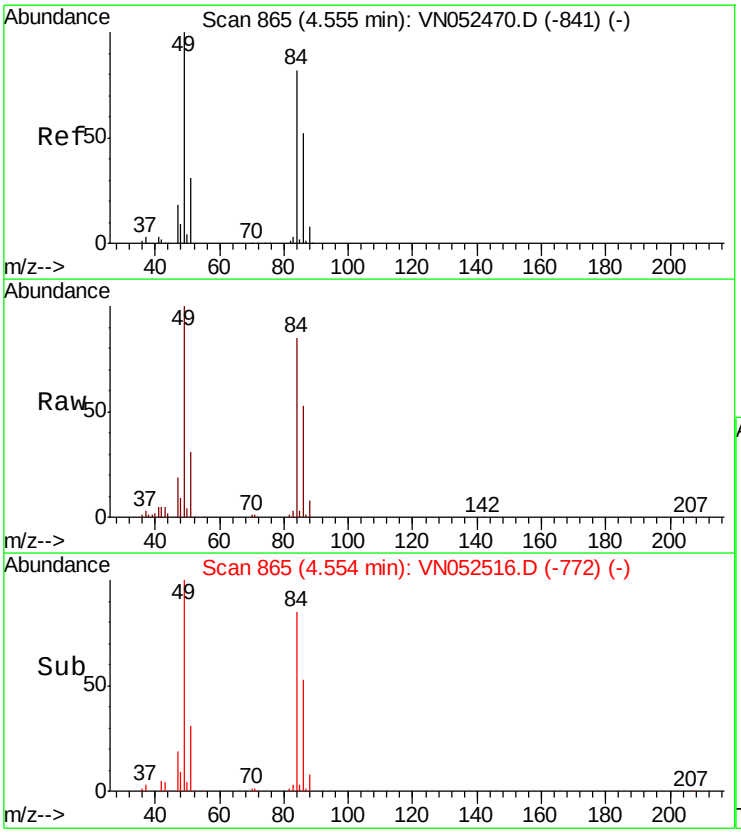
Tgt Ion: 73 Resp: 541280

Ion	Ratio	Lower	Upper
73	100		
57	25.1	18.2	27.2



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

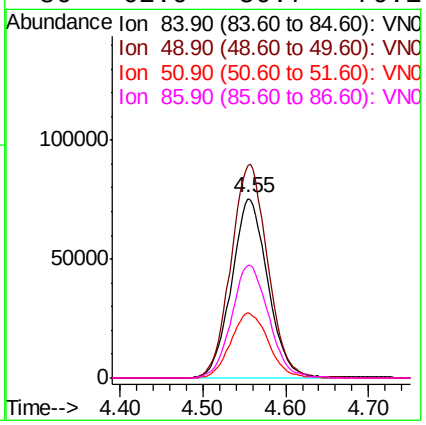
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

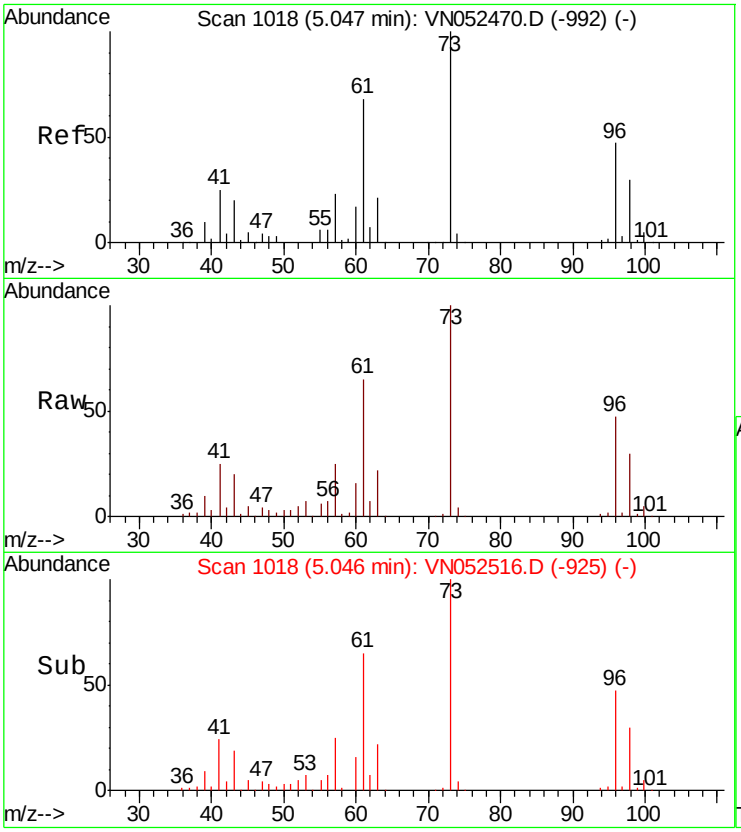


#20
Methylene Chloride
Concen: 17.914 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 84 Resp: 229837

Ion	Ratio	Lower	Upper
84	100		
49	118.2	98.0	147.0
51	36.2	30.1	45.1
86	62.9	50.7	76.1

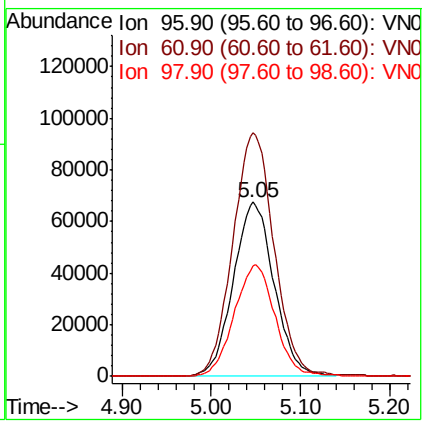




#21
trans-1,2-Dichloroethene
Concen: 18.798 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

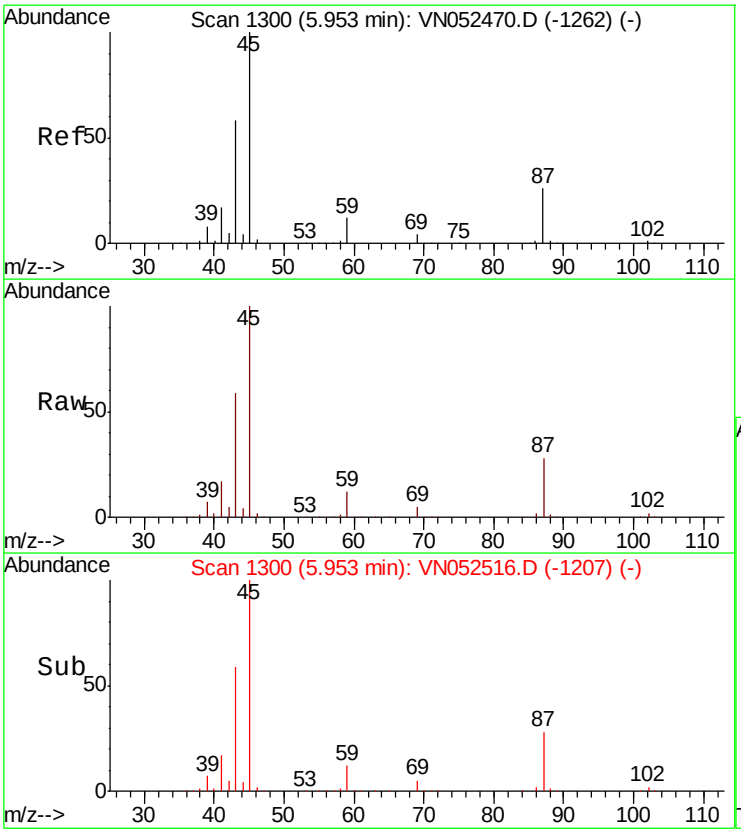
Tgt Ion: 96 Resp: 214704

Ion	Ratio	Lower	Upper
96	100		
61	139.5	117.0	175.4
98	63.5	51.8	77.6



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

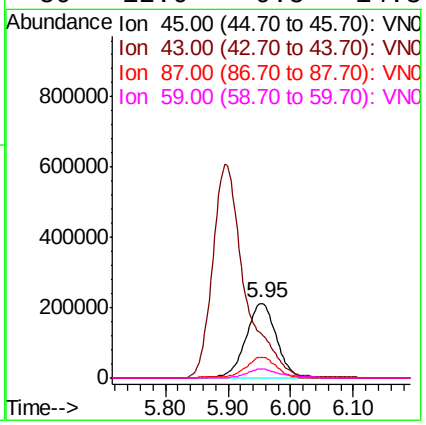
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

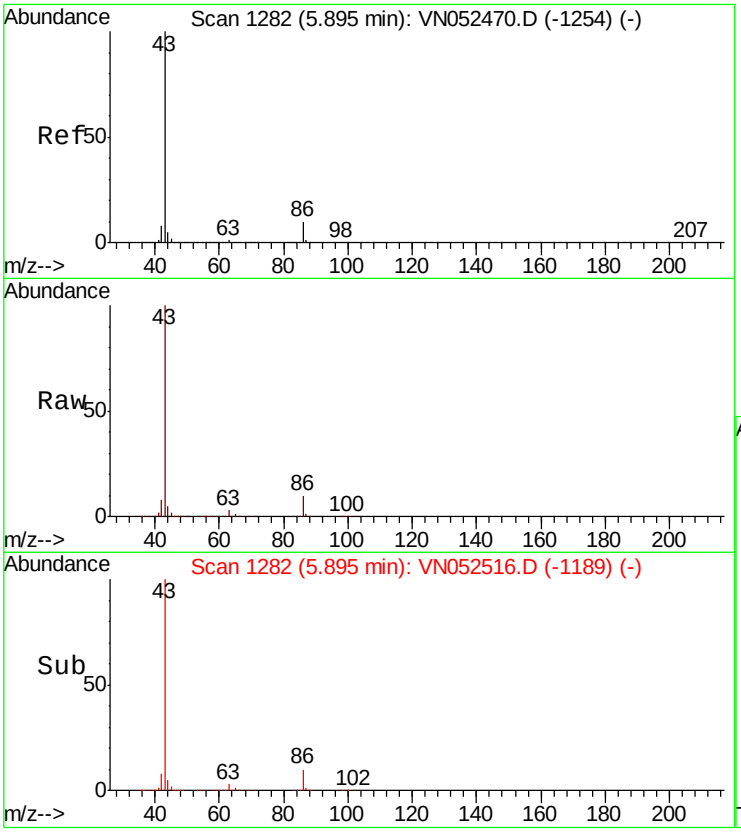


#22
Diisopropyl ether
Concen: 18.634 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 45 Resp: 721435

Ion	Ratio	Lower	Upper
45	100		
43	57.7	46.1	69.1
87	27.7	21.3	31.9
59	12.0	9.5	14.3

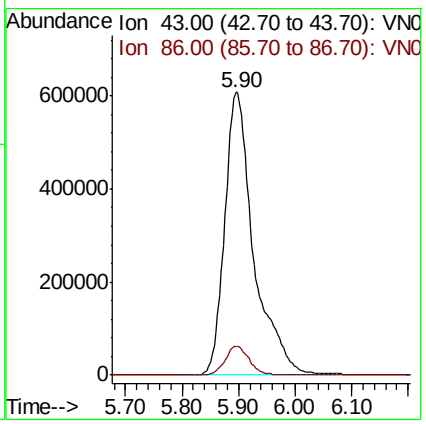




#23
Vinyl Acetate
Concen: 90.072 ug/l
RT: 5.90 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

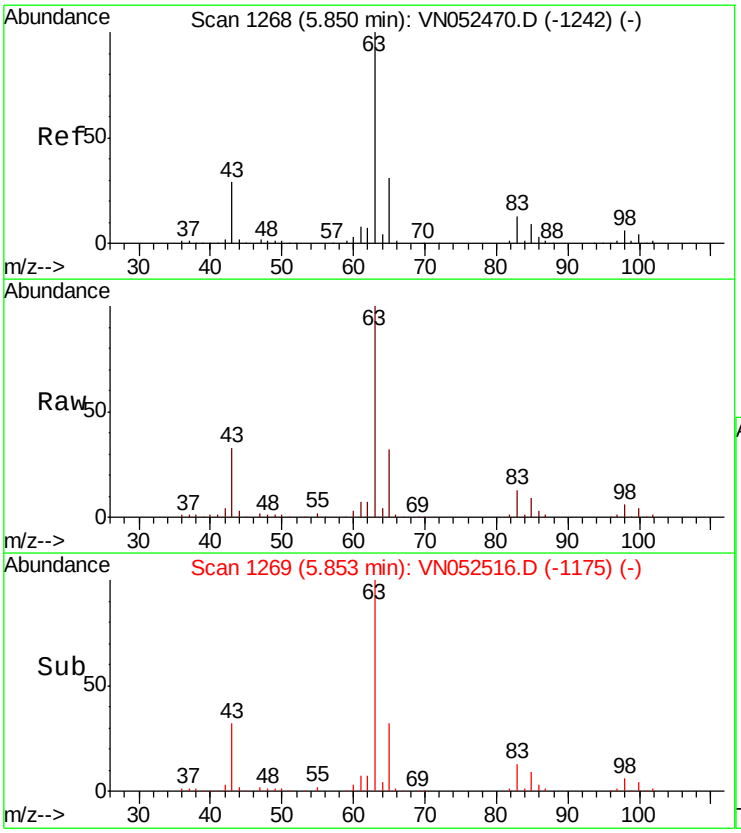
Tgt Ion: 43 Resp: 2172038

Ion	Ratio	Lower	Upper
43	100		
86	10.3	7.8	11.8



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

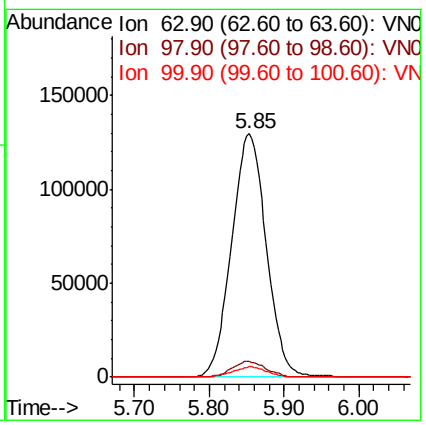
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

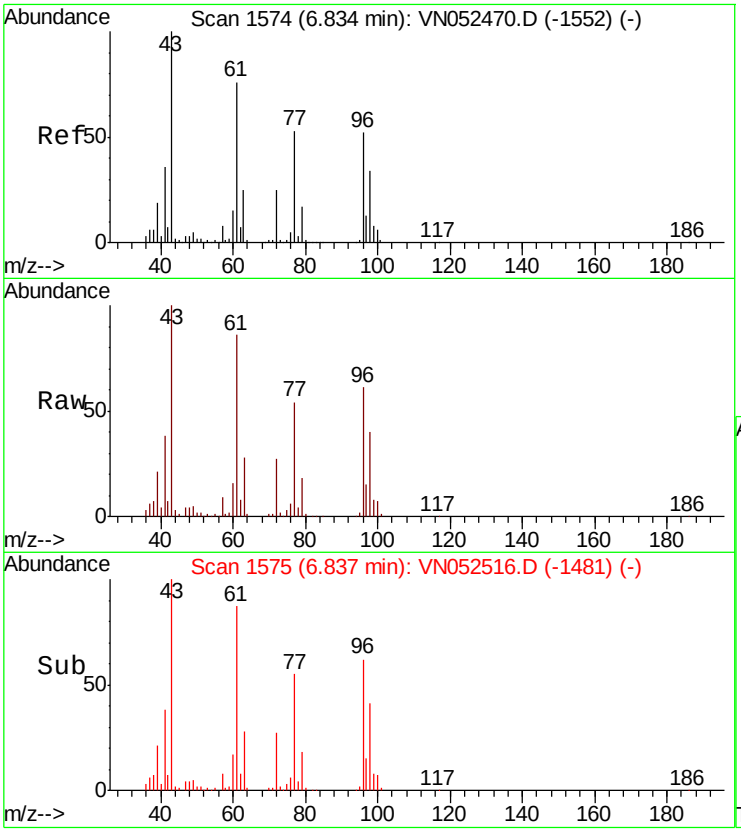


#24
1,1-Dichloroethane
Concen: 18.898 ug/l
RT: 5.85 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 63 Resp: 417739

Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.0	9.2
100	4.2	2.0	5.8

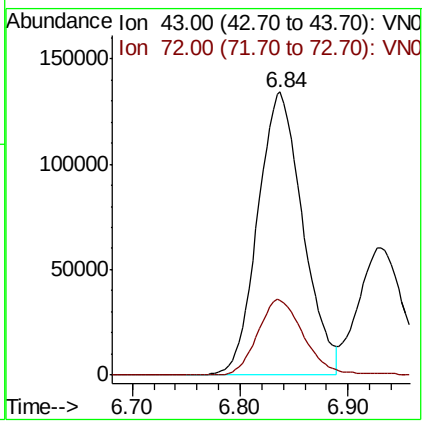




#25
2-Butanone
Concen: 83.091 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

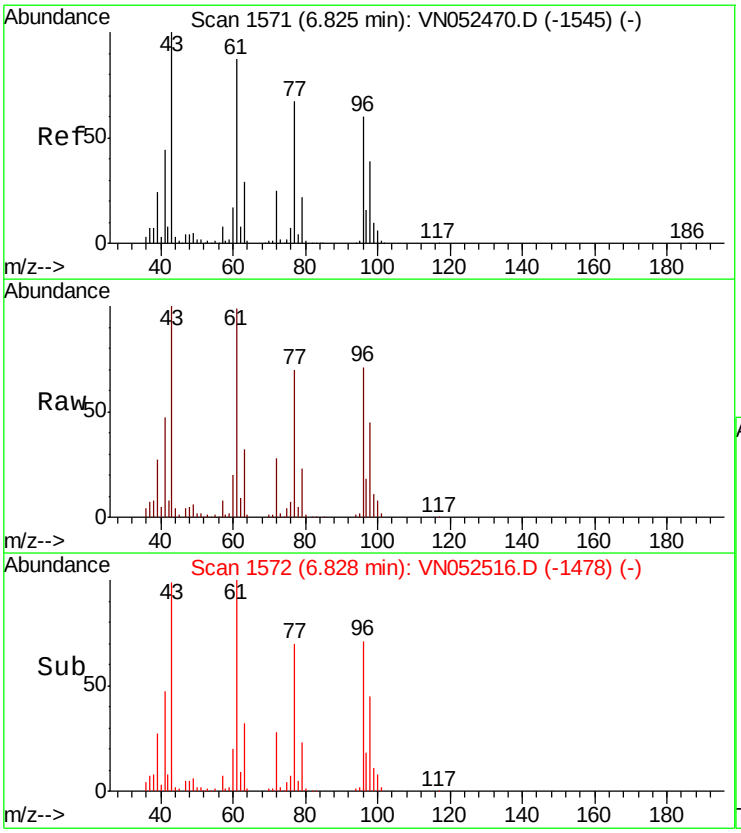
Tgt Ion: 43 Resp: 386138

Ion	Ratio	Lower	Upper
43	100		
72	26.6	20.1	30.1



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

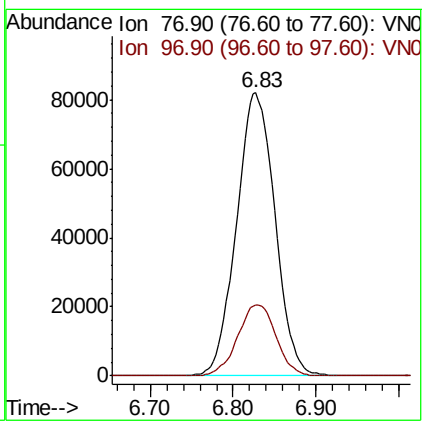
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

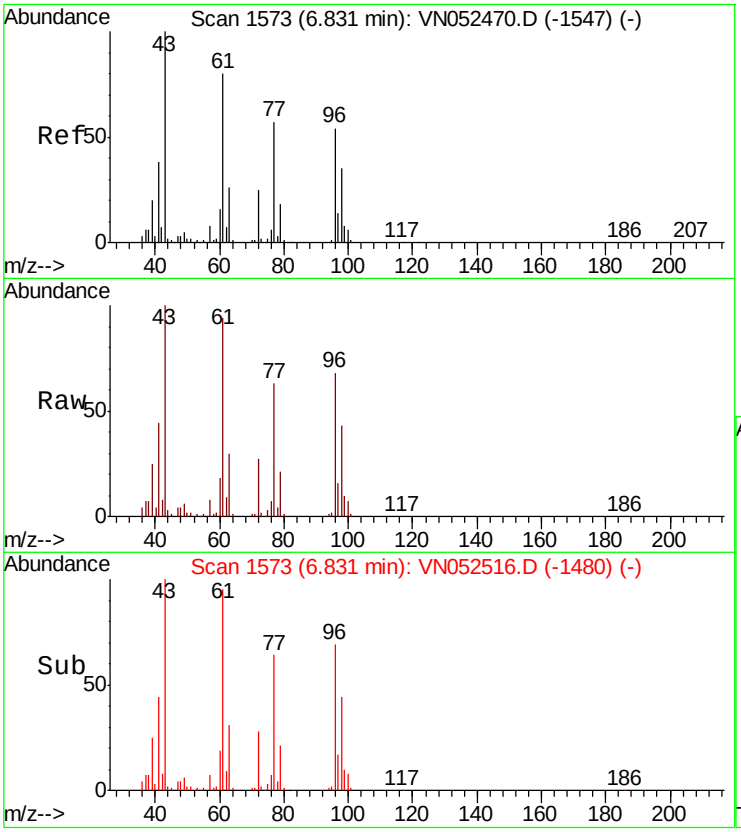


#26
2,2-Dichloropropane
Concen: 17.272 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 77 Resp: 264279

Ion	Ratio	Lower	Upper
77	100		
97	25.1	11.8	35.3

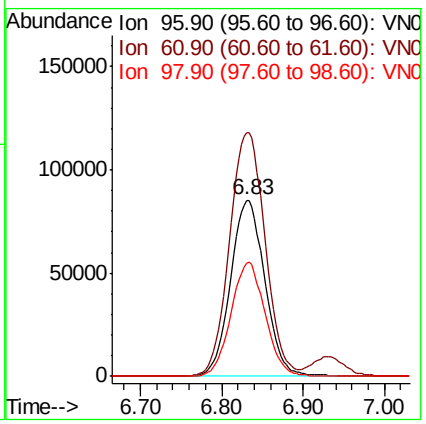




#27
cis-1,2-Dichloroethene
Concen: 18.769 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

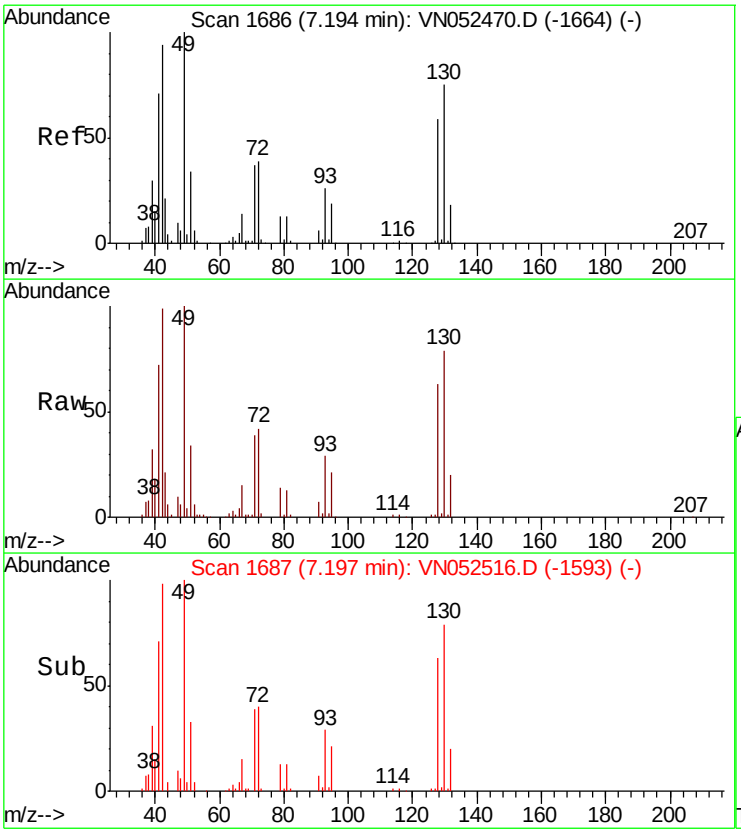
Tgt Ion: 96 Resp: 249715

Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	291.0
98	64.5	0.0	130.0



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

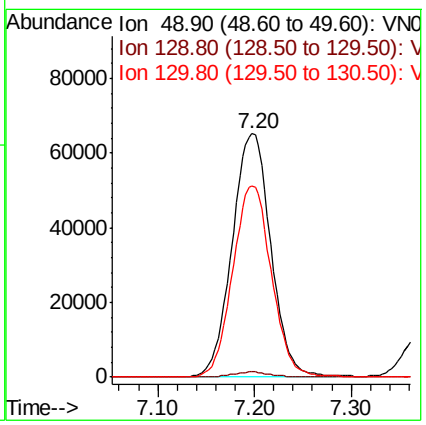
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

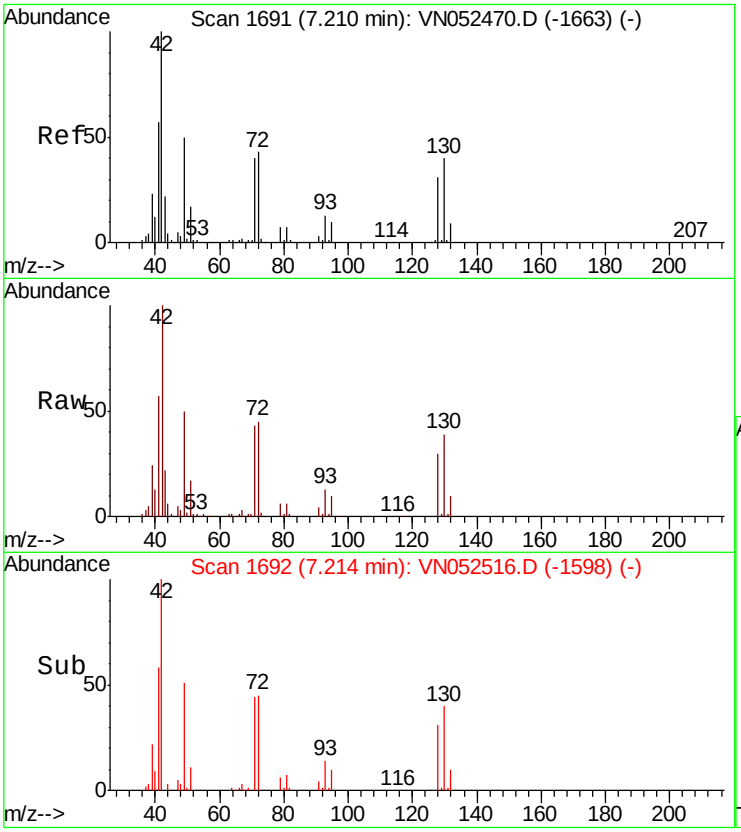


#28
Bromochloromethane
Concen: 17.958 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 49 Resp: 181314

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	78.8	60.2	90.2

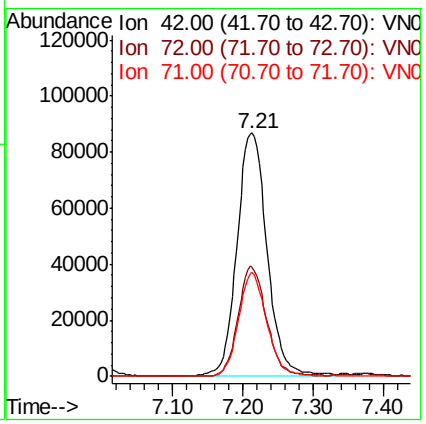




#29
Tetrahydrofuran
Concen: 85.778 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

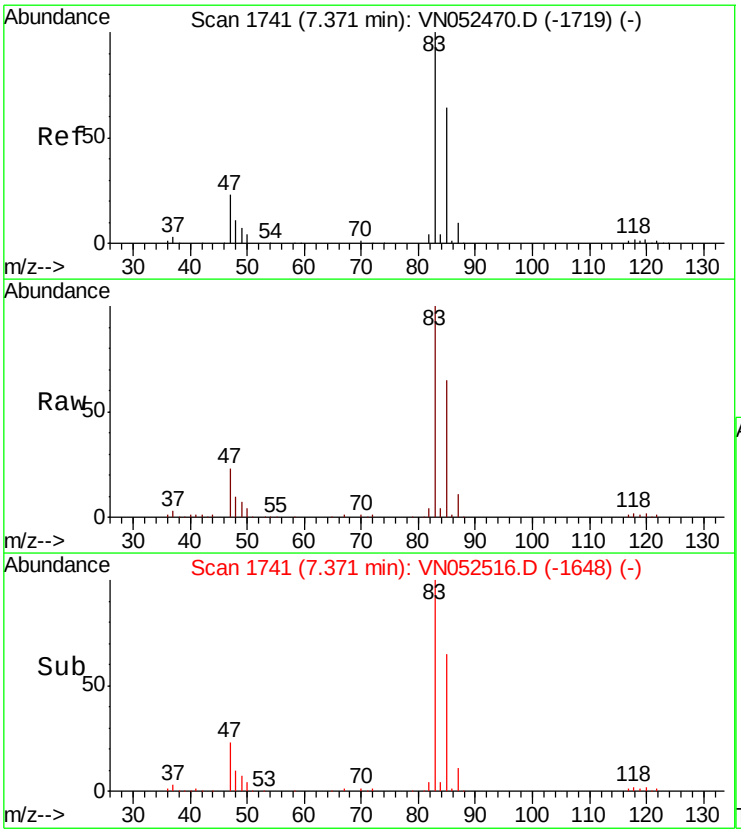
Tgt Ion: 42 Resp: 257109

Ion	Ratio	Lower	Upper
42	100		
72	42.9	33.3	49.9
71	39.7	32.0	48.0



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

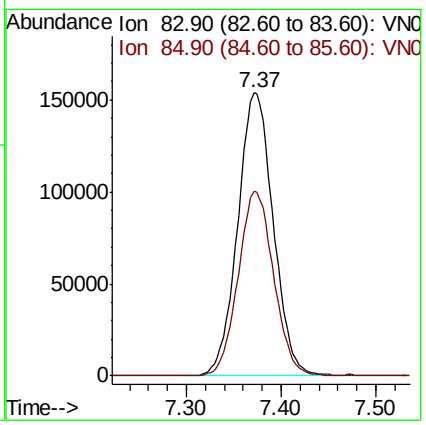
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

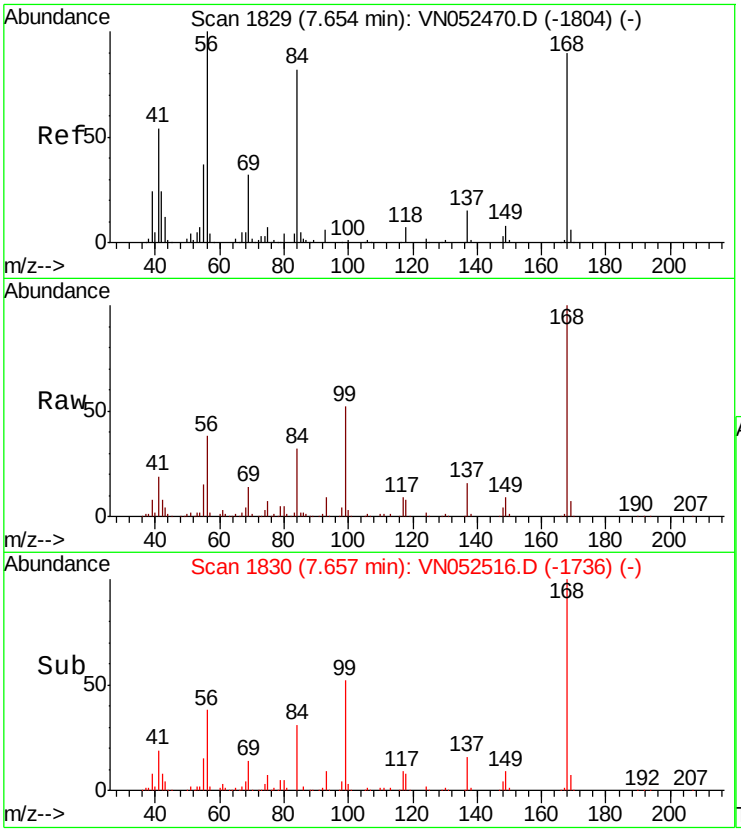


#30
Chloroform
Concen: 18.226 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 83 Resp: 401966

Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.0	76.4

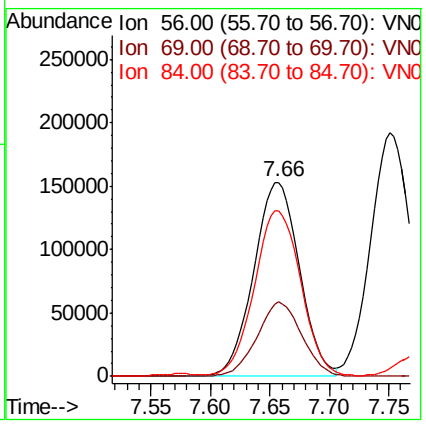




#31
Cyclohexane
Concen: 18.803 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

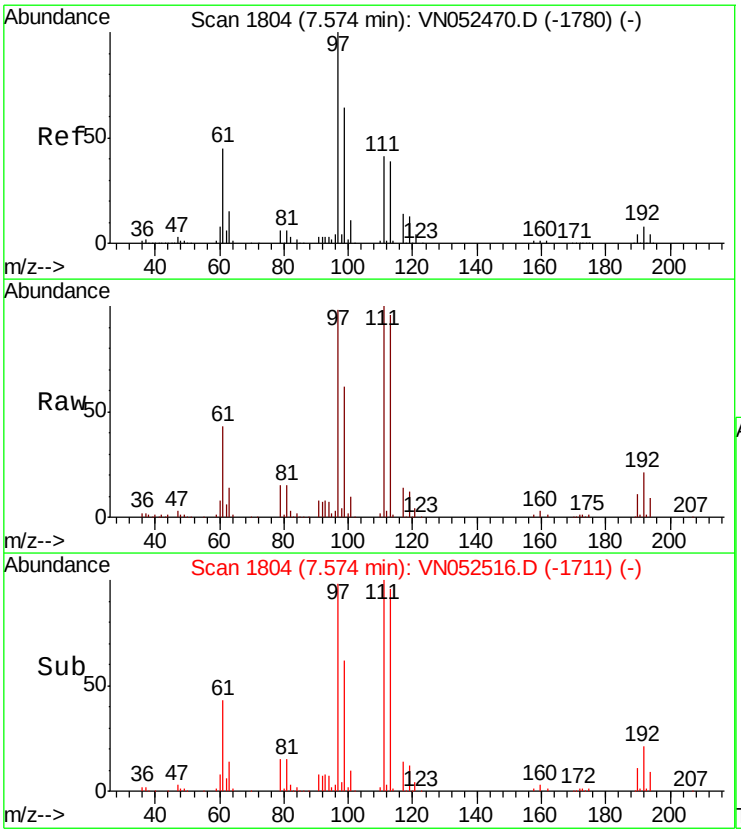
Tgt Ion: 56 Resp: 407190

Ion	Ratio	Lower	Upper
56	100		
69	38.2	25.8	38.6
84	83.9	65.3	97.9



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

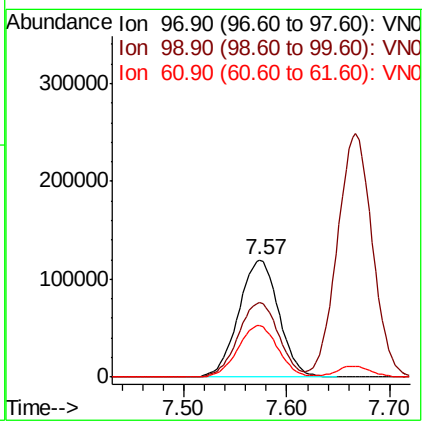
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

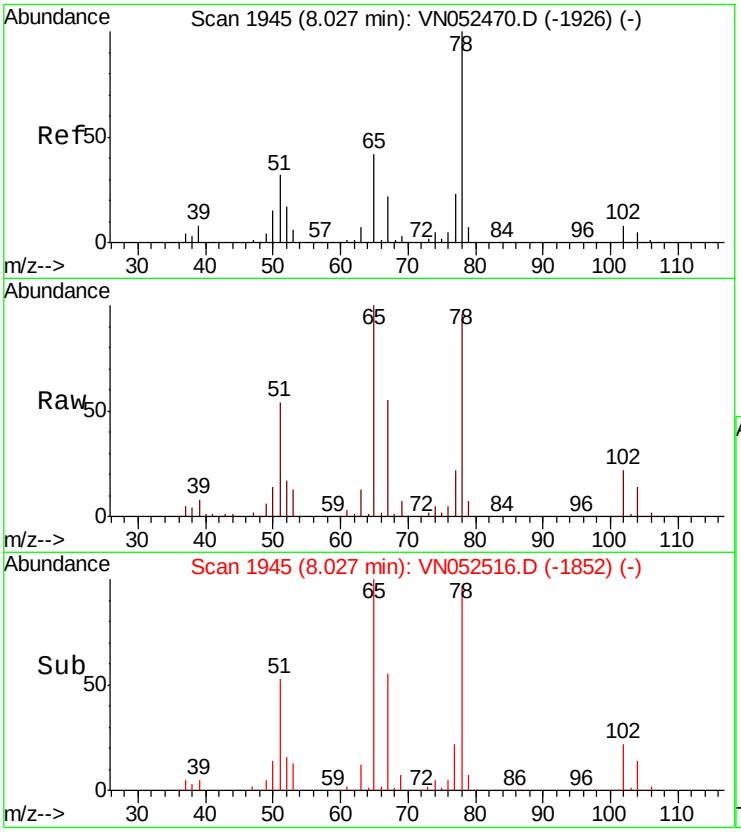


#32
1,1,1-Trichloroethane
Concen: 18.516 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 97 Resp: 323554

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.7	77.5
61	44.0	36.8	55.2

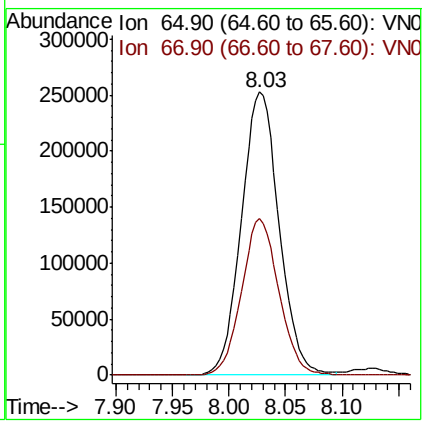




#33
1,2-Dichloroethane-d4
Concen: 18.516 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

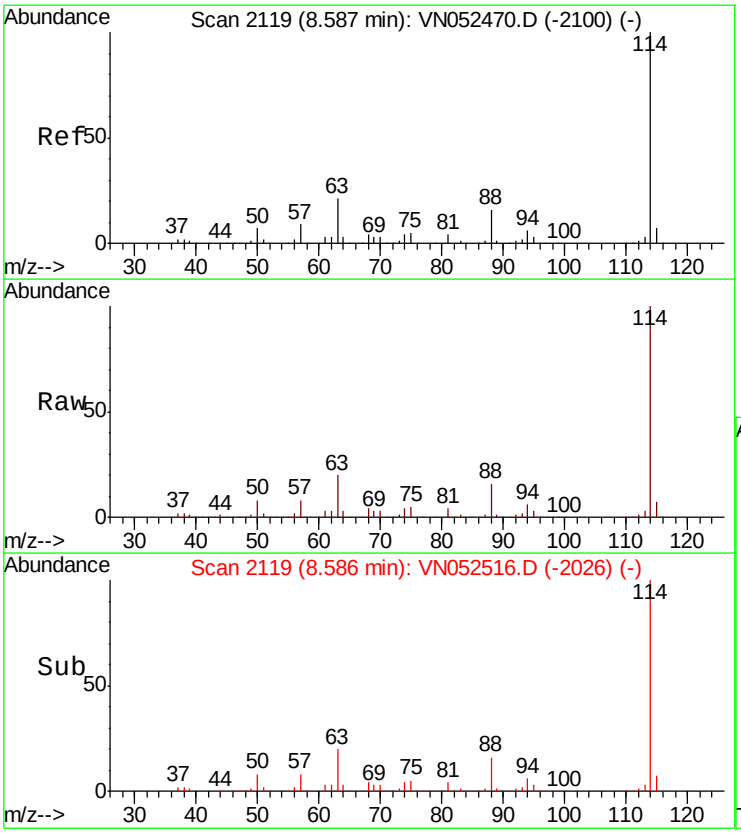
Tgt Ion: 65 Resp: 586630

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	109.8



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

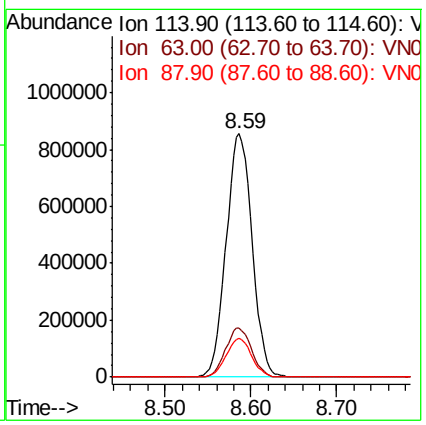
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

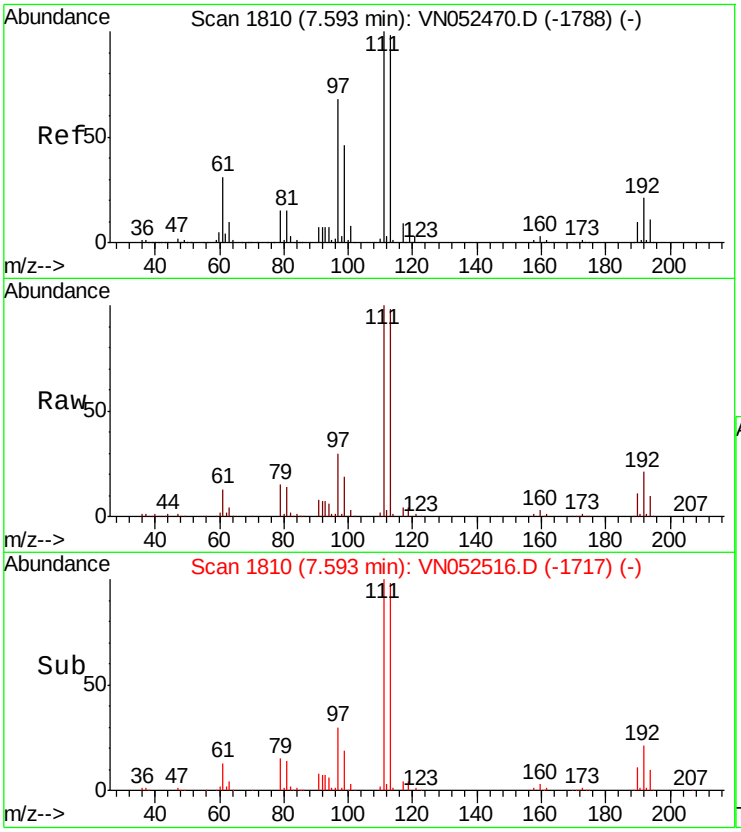


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion:114 Resp: 1791651

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.8
88	15.7	0.0	31.6

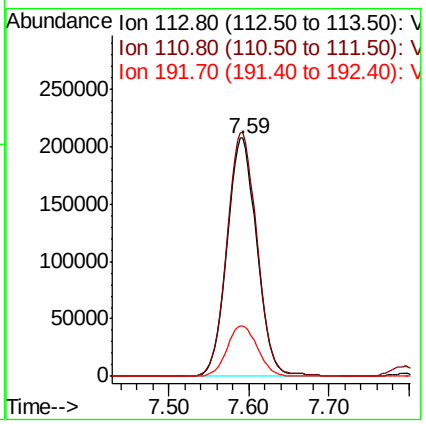




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

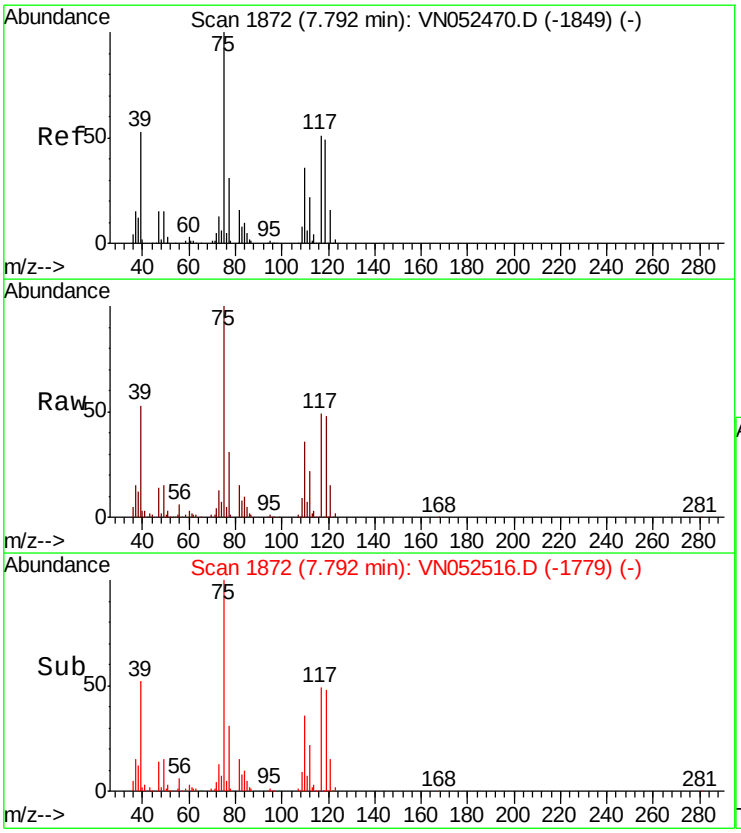
Tgt Ion:113 Resp: 525924

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.0	123.0
192	21.7	17.0	25.6



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

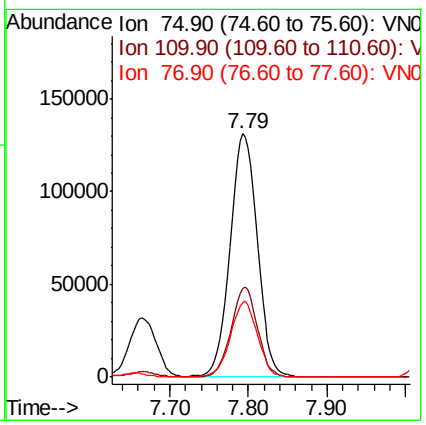
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

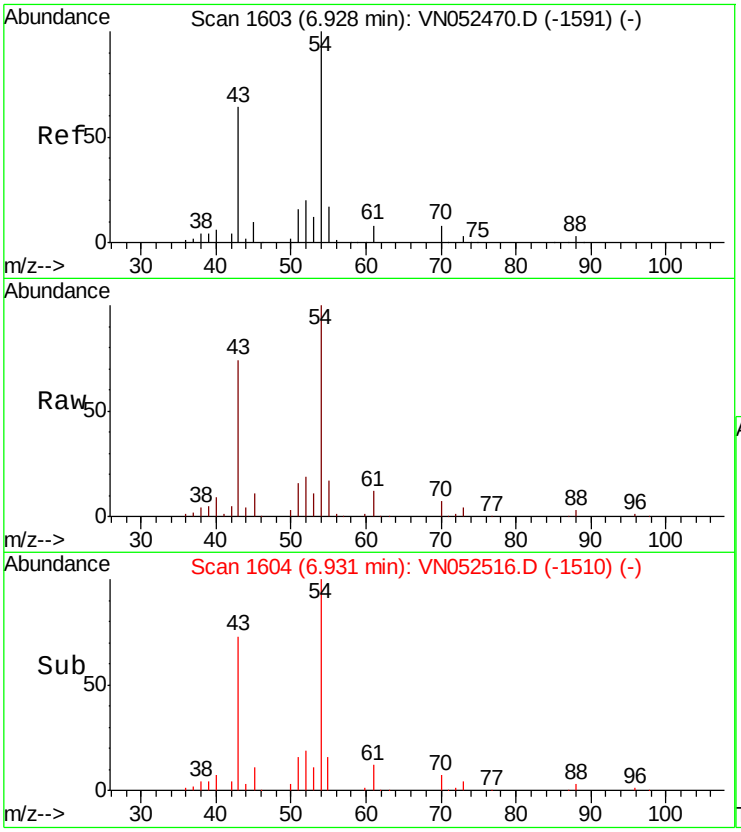


#36
1,1-Dichloropropene
Concen: 18.726 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 75 Resp: 316823

Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.5	52.6
77	30.9	24.5	36.7

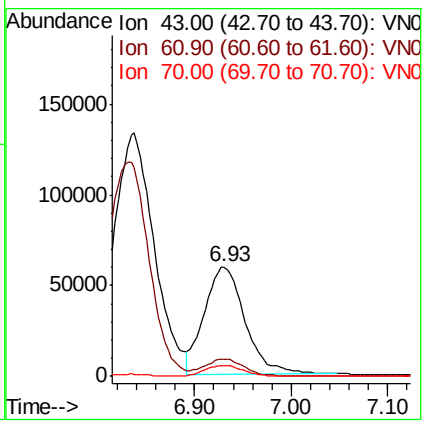




#37
Ethyl Acetate
Concen: 16.880 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

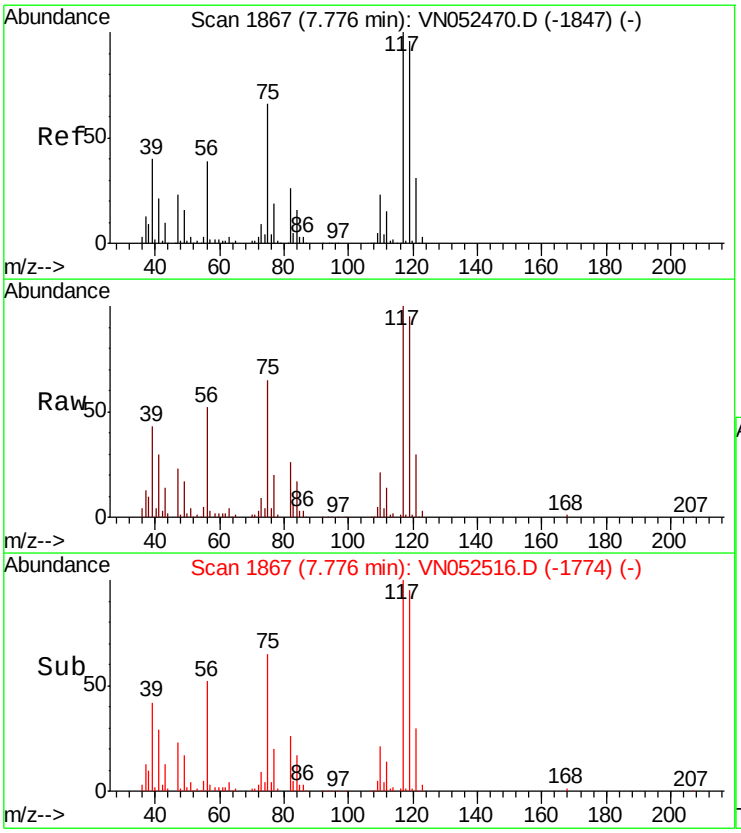
Tgt Ion: 43 Resp: 174295

Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.8	17.8
70	9.9	7.8	11.8



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

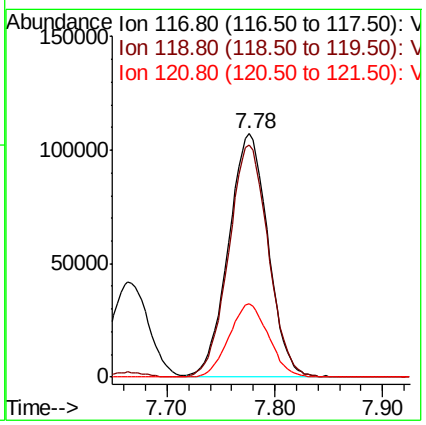
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

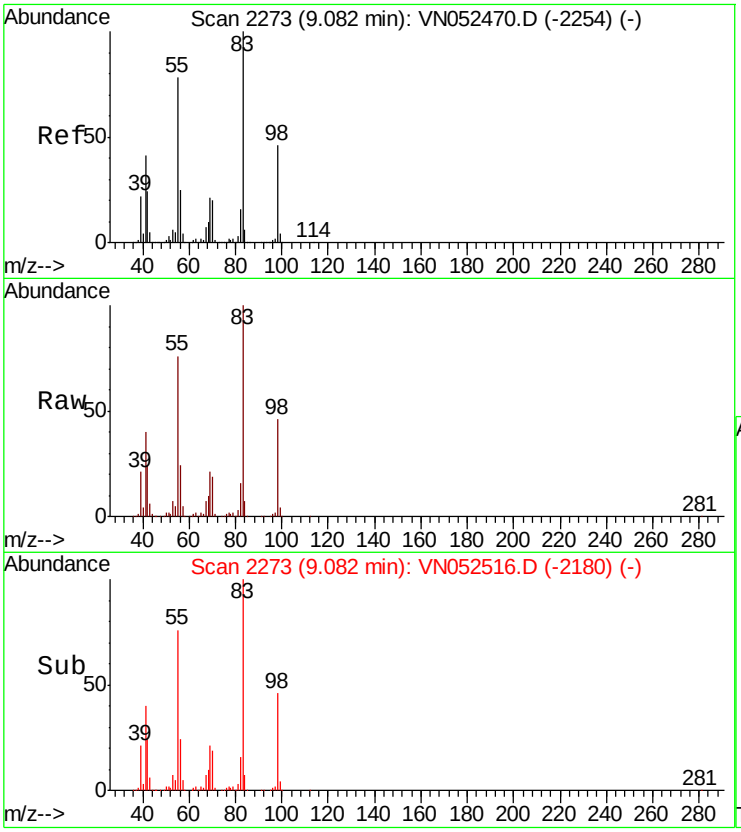


#38
Carbon Tetrachloride
Concen: 17.893 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion:117 Resp: 274048

Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.8	115.2
121	29.9	24.9	37.3

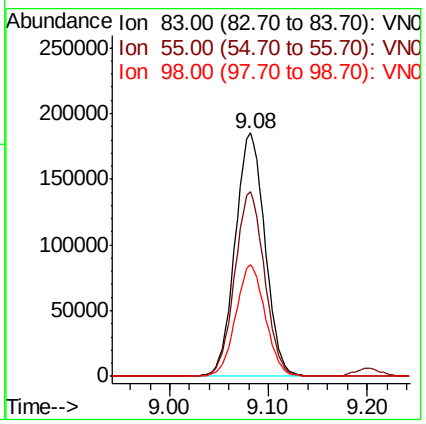




#39
Methylcyclohexane
Concen: 18.826 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

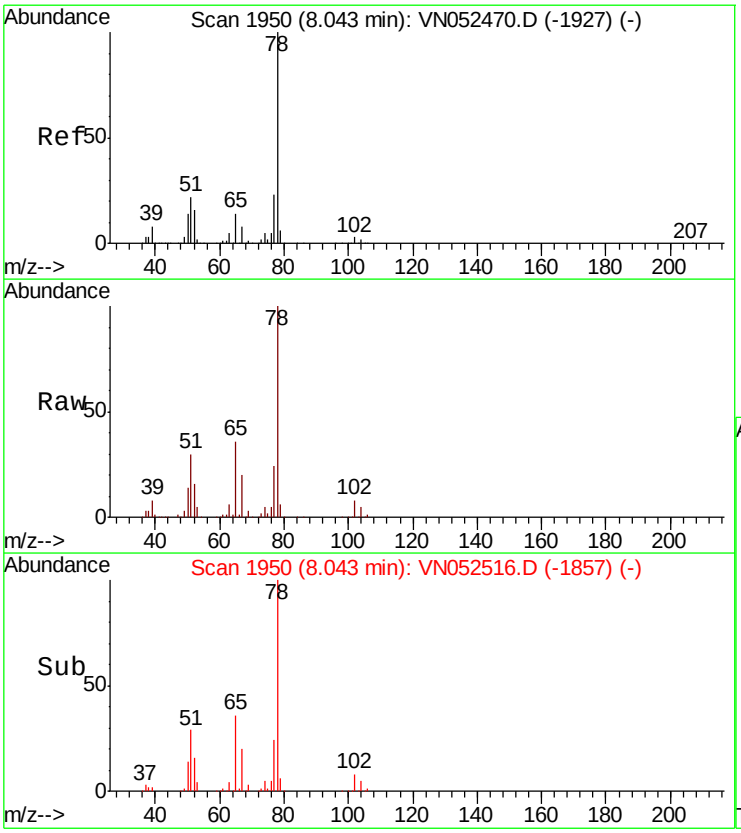
Tgt Ion: 83 Resp: 387138

Ion	Ratio	Lower	Upper
83	100		
55	76.1	62.2	93.2
98	45.8	36.4	54.6



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

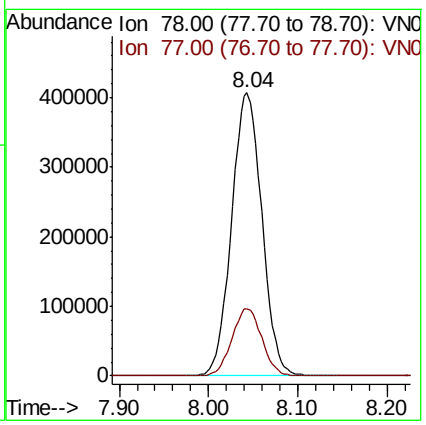
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

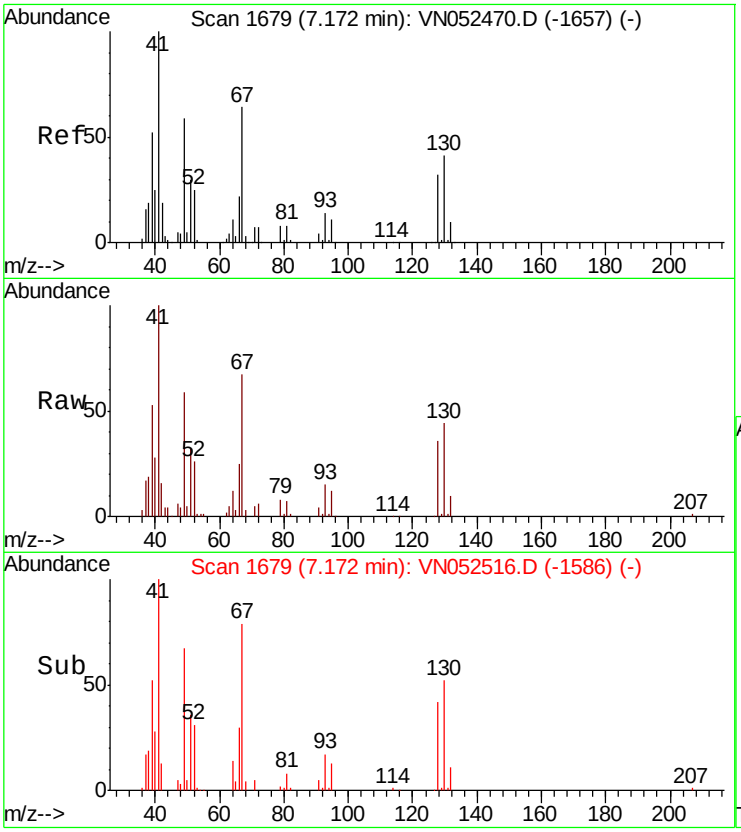


#40
Benzene
Concen: 19.027 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 78 Resp: 959373

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2

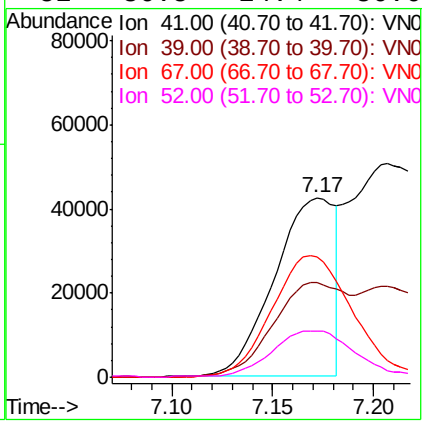




#41
Methacrylonitrile
Concen: 15.759 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

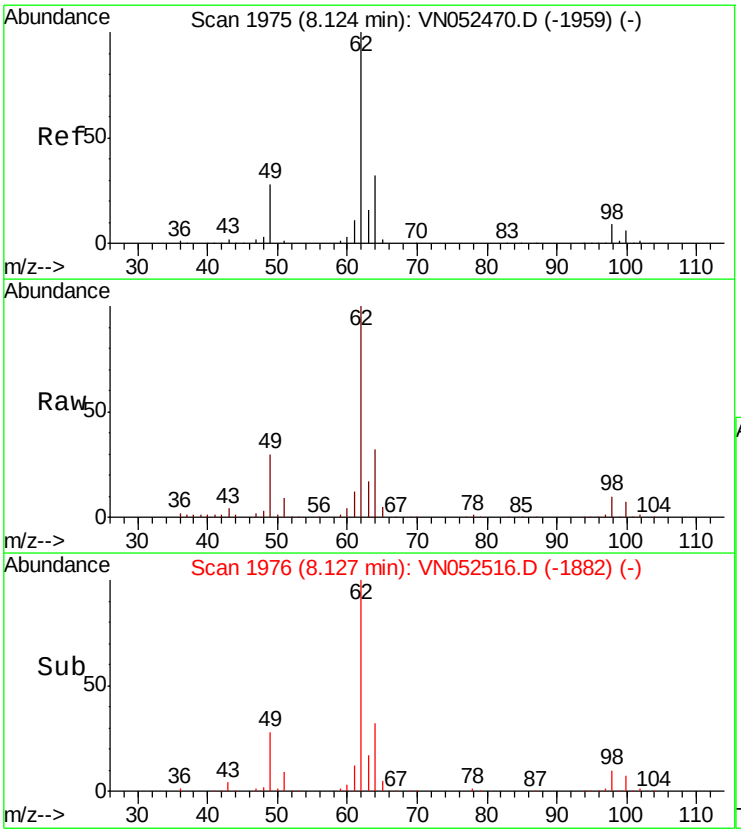
Tgt Ion: 41 Resp: 88962

Ion	Ratio	Lower	Upper
41	100		
39	66.7	50.9	76.3
67	90.7	63.6	95.4
52	36.5	24.4	36.6



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

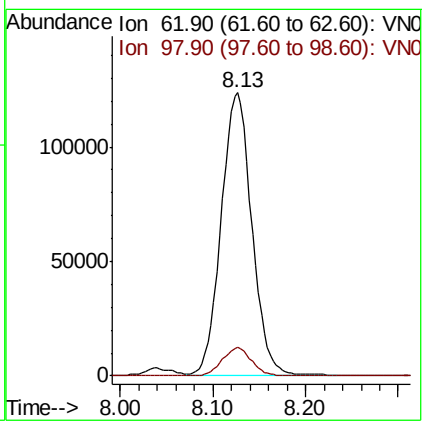
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

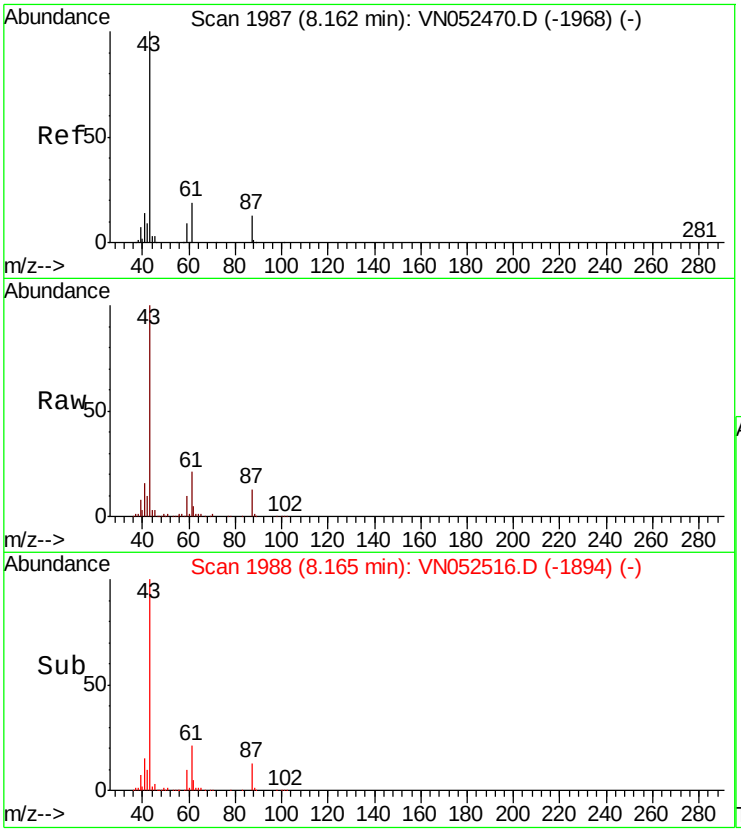


#42
1,2-Dichloroethane
Concen: 18.520 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 62 Resp: 282752

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.6

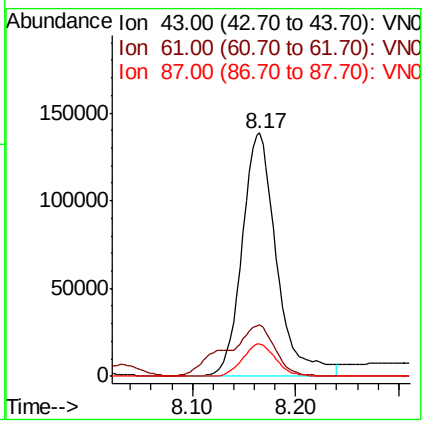




#43
Isopropyl Acetate
Concen: 18.359 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

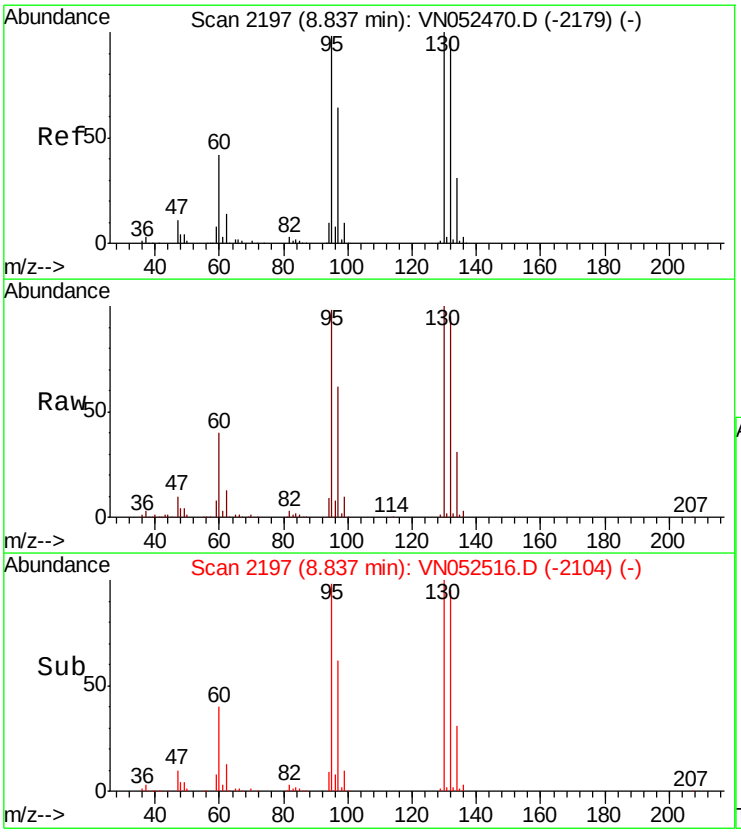
Tgt Ion: 43 Resp: 320802

Ion	Ratio	Lower	Upper
43	100		
61	19.8	24.1	36.1#
87	12.8	10.6	15.8



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

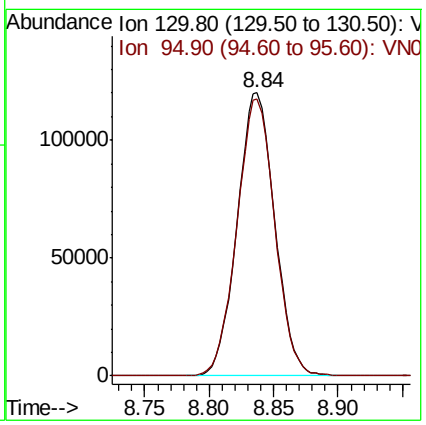
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

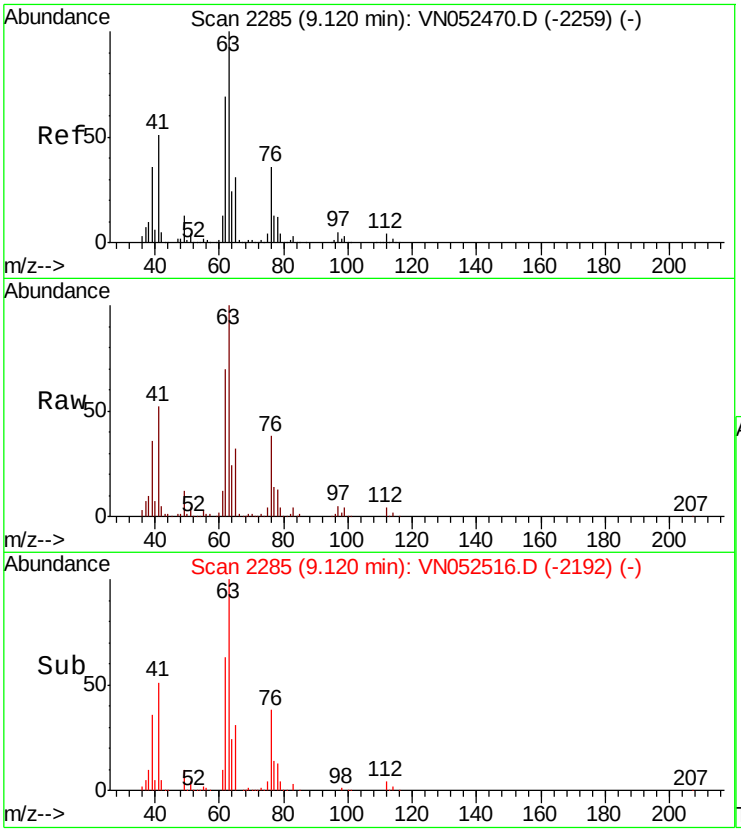


#44
Trichloroethene
Concen: 18.853 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion:130 Resp: 243494

Ion	Ratio	Lower	Upper
130	100		
95	97.7	0.0	195.6

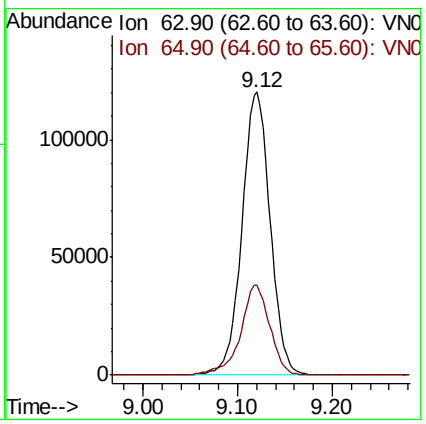




#45
1,2-Dichloropropane
Concen: 18.578 ug/l
RT: 9.12 min Scan# 2285
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

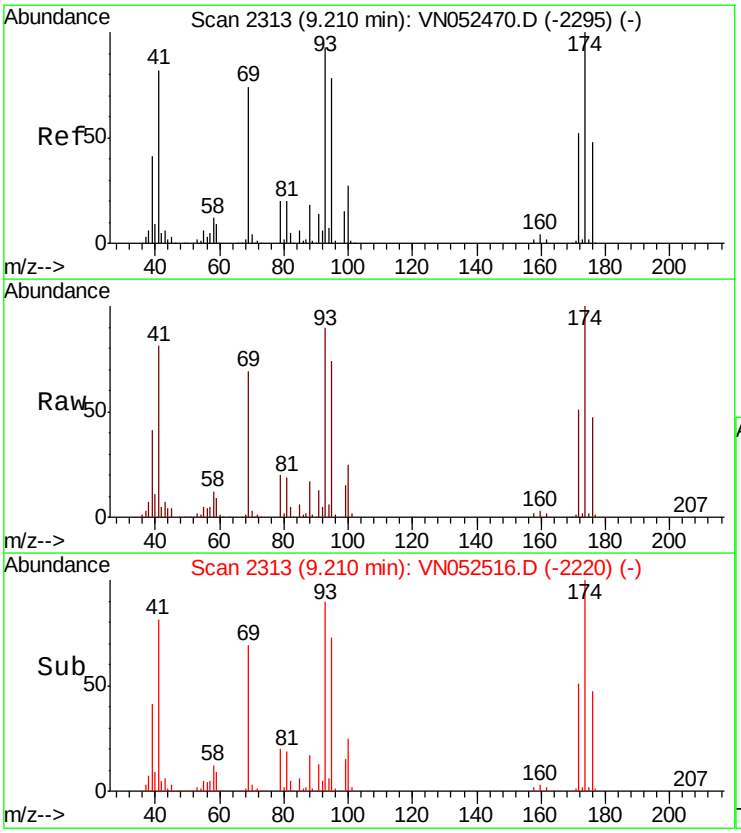
Tgt Ion: 63 Resp: 249040

Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.0	37.6



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

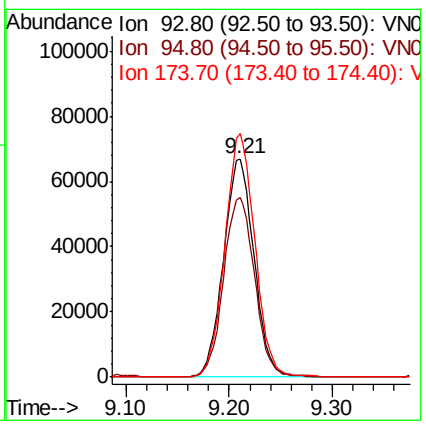
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

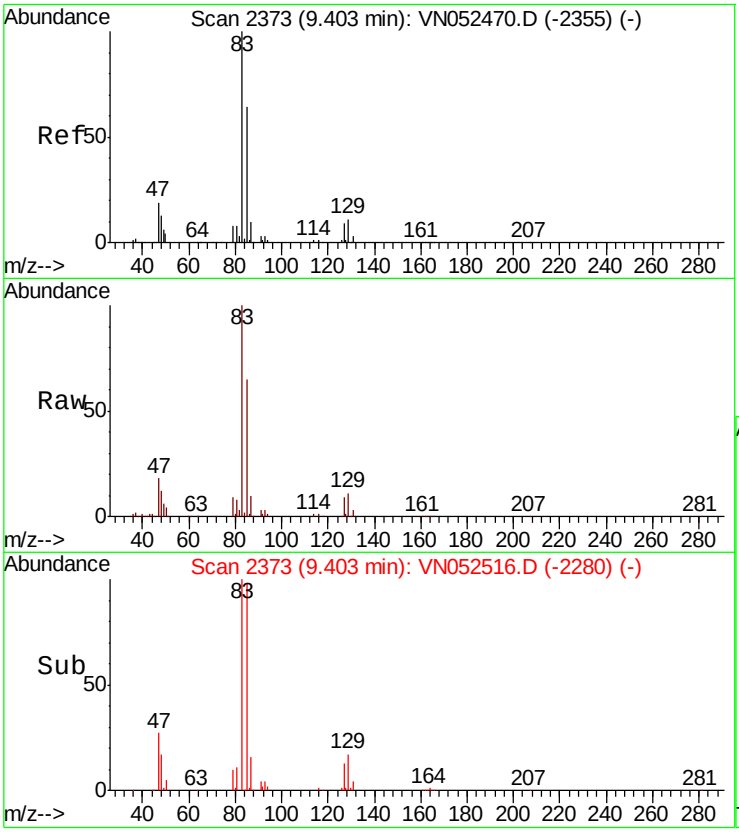


#46
Dibromomethane
Concen: 18.636 ug/l
RT: 9.21 min Scan# 2313
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 93 Resp: 138301

Ion	Ratio	Lower	Upper
93	100		
95	82.9	67.1	100.7
174	108.9	85.8	128.8

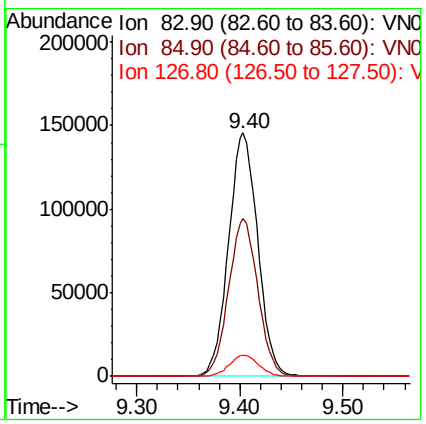




#47
Bromodichloromethane
Concen: 17.795 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

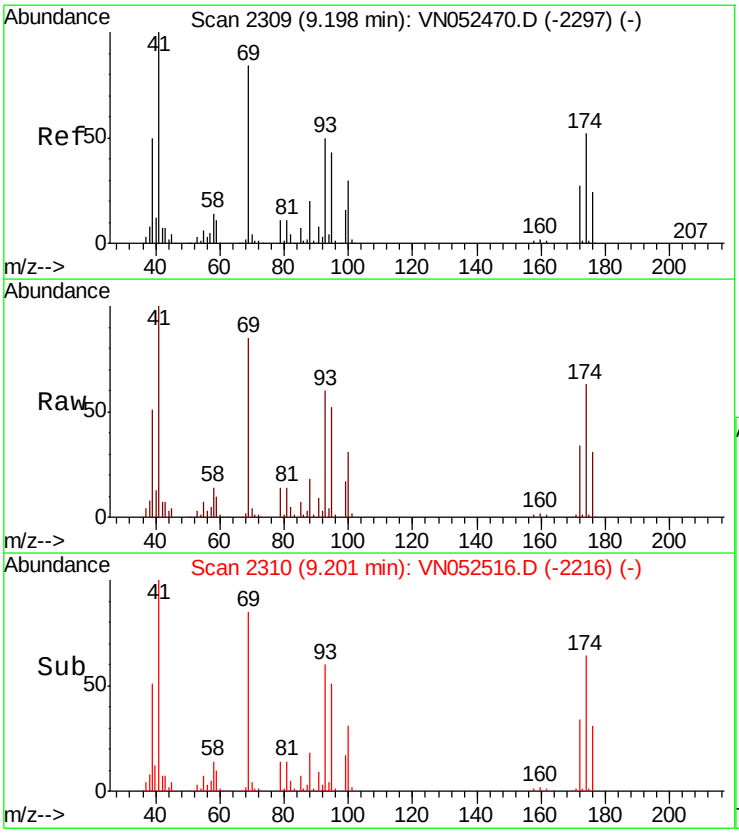
Tgt Ion: 83 Resp: 287109

Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.3	76.9
127	8.7	6.9	10.3



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

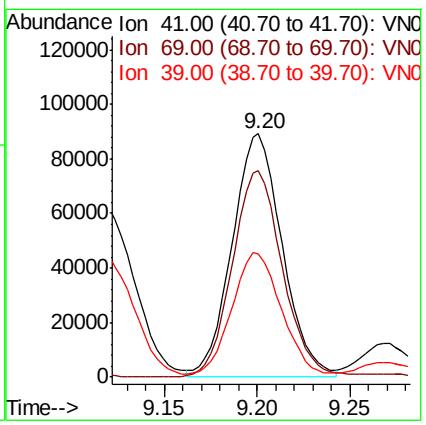
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

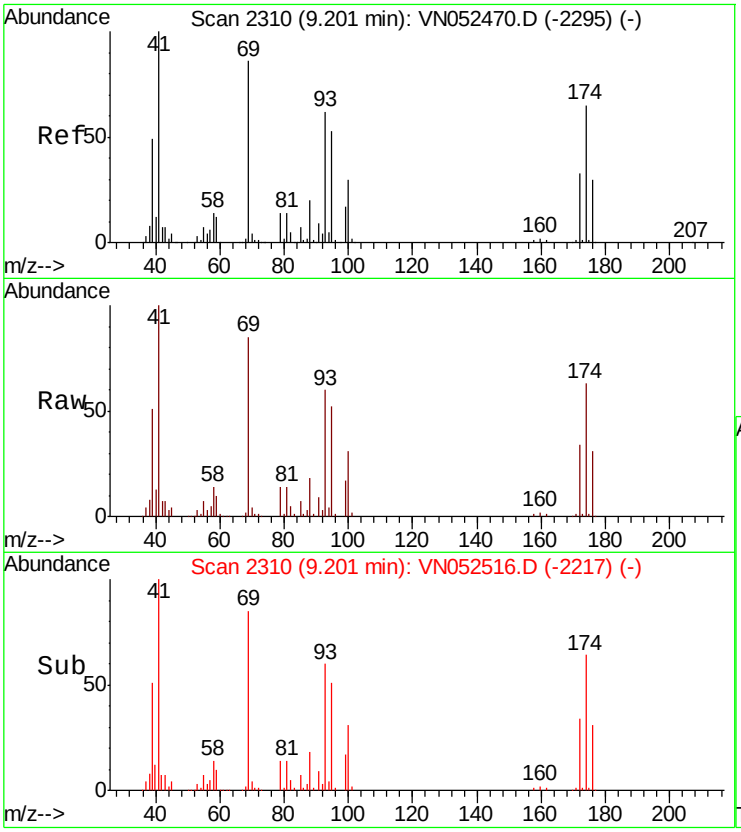


#48
Methyl methacrylate
Concen: 18.311 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 41 Resp: 166837

Ion	Ratio	Lower	Upper
41	100		
69	84.9	70.0	105.0
39	51.2	42.6	64.0

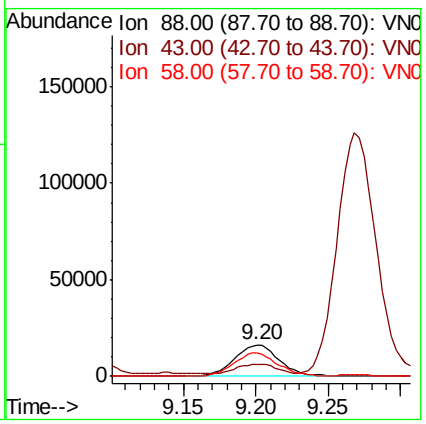




#49
1,4-Dioxane
Concen: 372.003 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

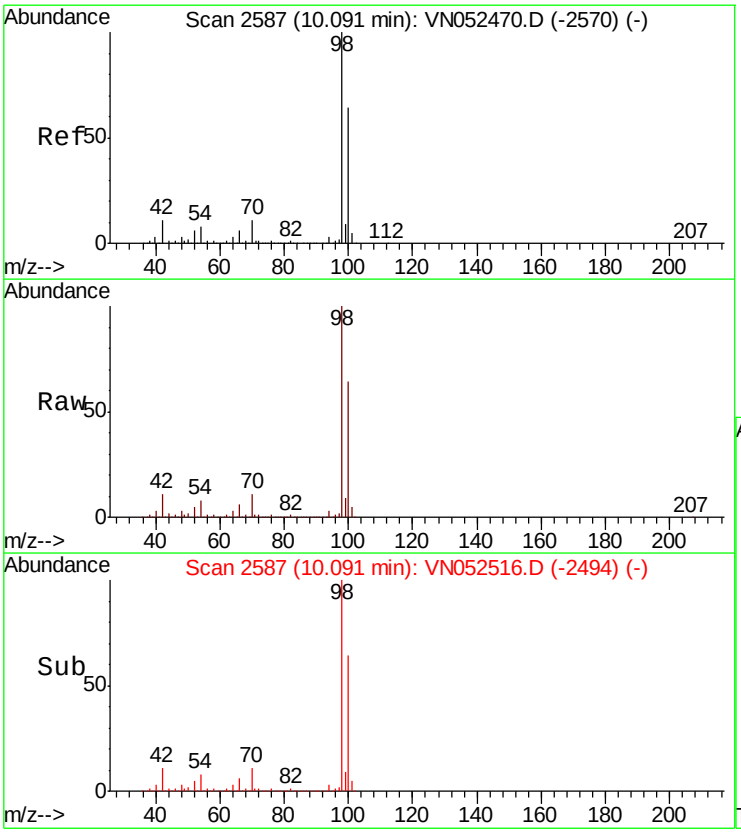
Tgt Ion: 88 Resp: 35177

Ion	Ratio	Lower	Upper
88	100		
43	28.1	26.4	39.6
58	72.7	55.4	83.0



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

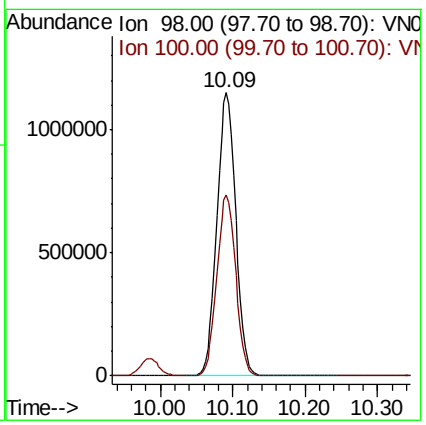
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

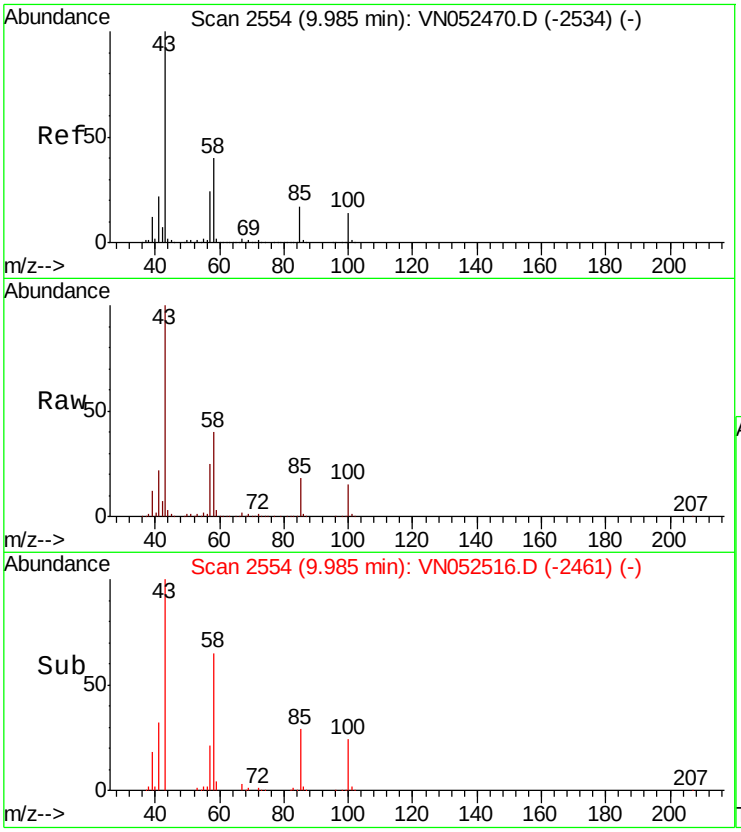


#50
Toluene-d8
Concen: 372.003 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 98 Resp: 2070890

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.3	76.9





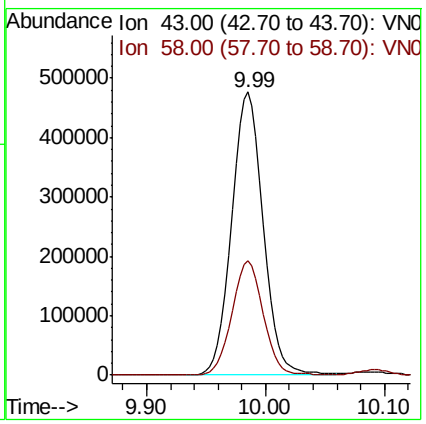
#51
4-Methyl-2-Pentanone
Concen: 88.865 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

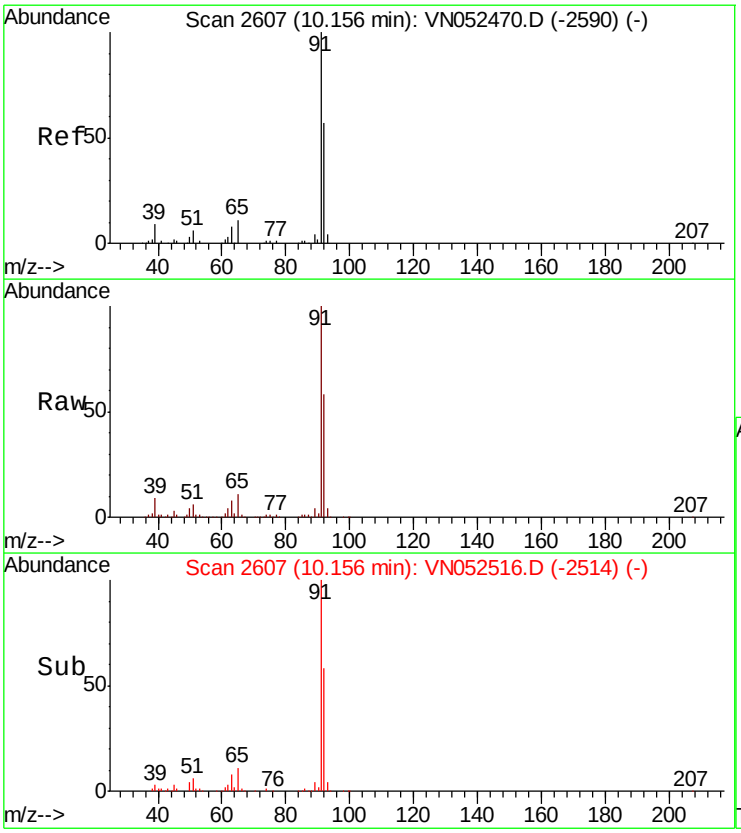
Tgt Ion: 43 Resp: 871240

Ion	Ratio	Lower	Upper
43	100		
58	40.3	31.5	47.3

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

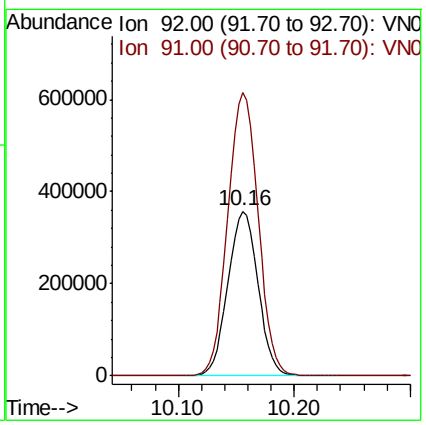


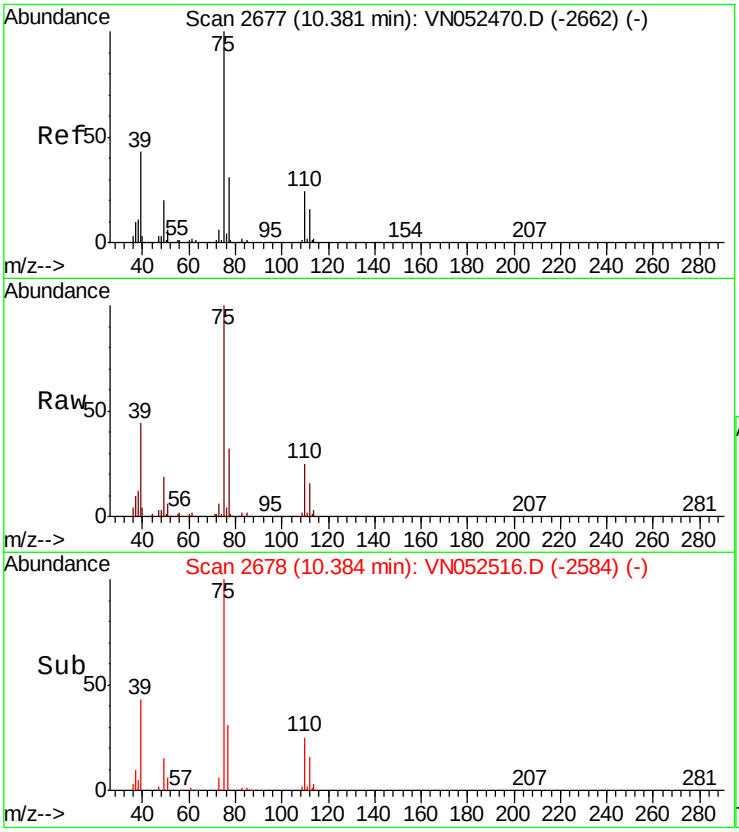


#52
Toluene
Concen: 21.349 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 92 Resp: 639583

Ion	Ratio	Lower	Upper
92	100		
91	174.3	141.0	211.4

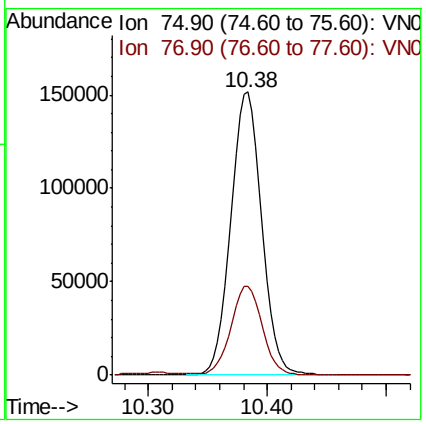




#53
t-1,3-Dichloropropene
Concen: 17.579 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

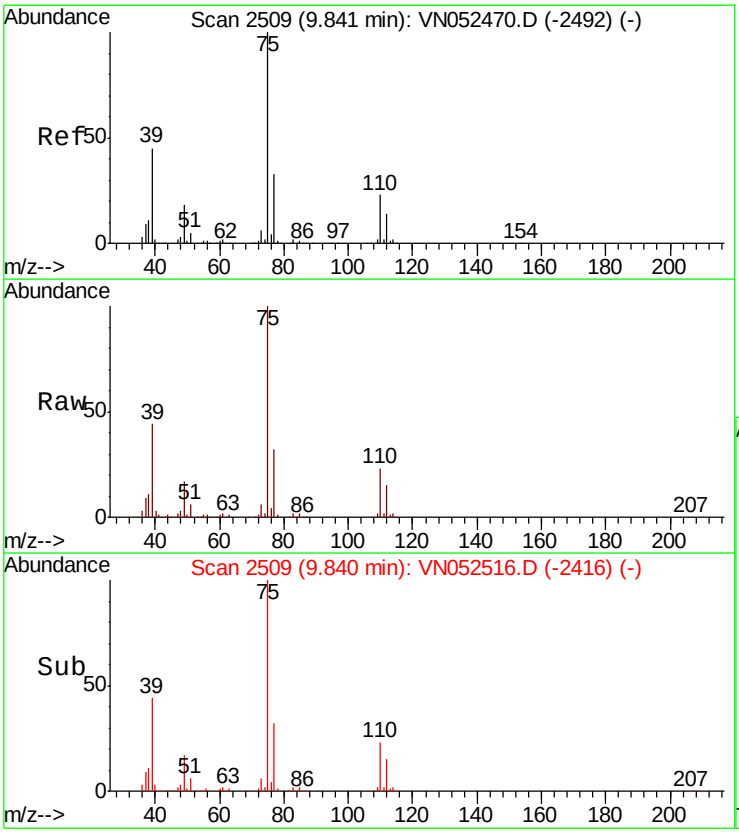
Tgt Ion: 75 Resp: 272851

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.0	37.4



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

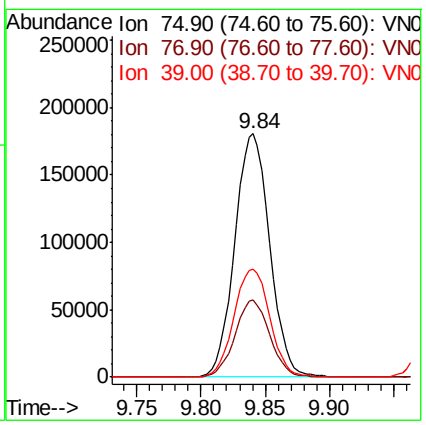
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

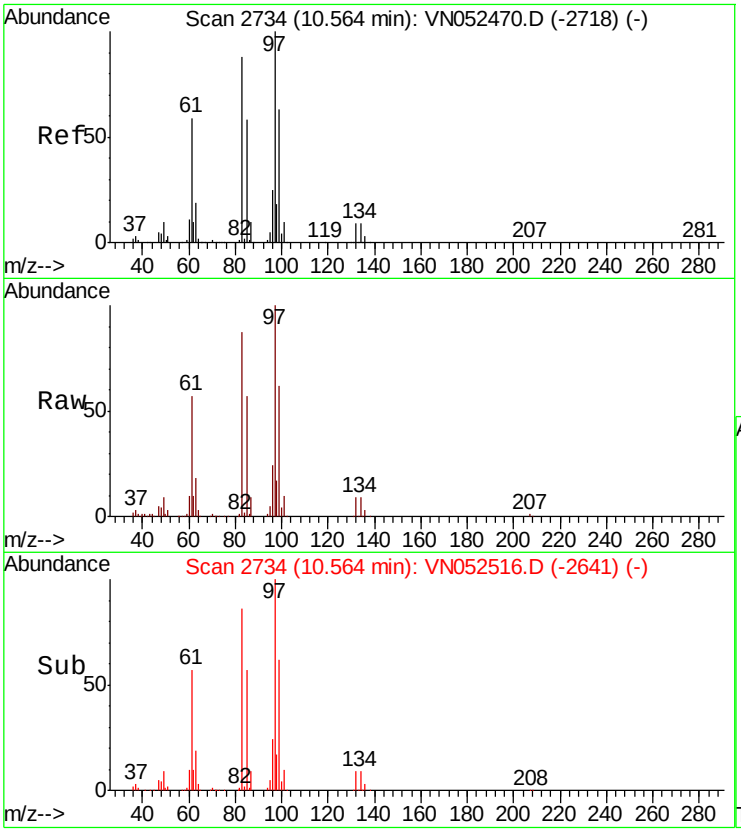


#54
cis-1,3-Dichloropropene
Concen: 18.337 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 75 Resp: 341075

Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.2	39.2
39	44.3	36.0	54.0

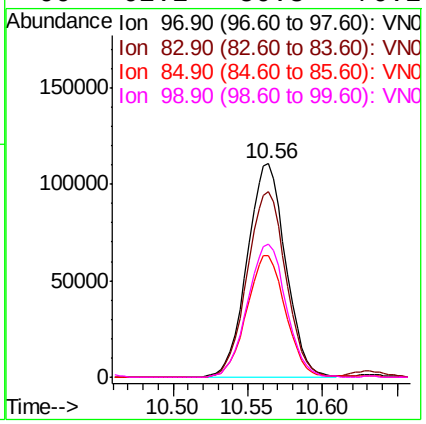




#55
1,1,2-Trichloroethane
Concen: 18.816 ug/l
RT: 10.56 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

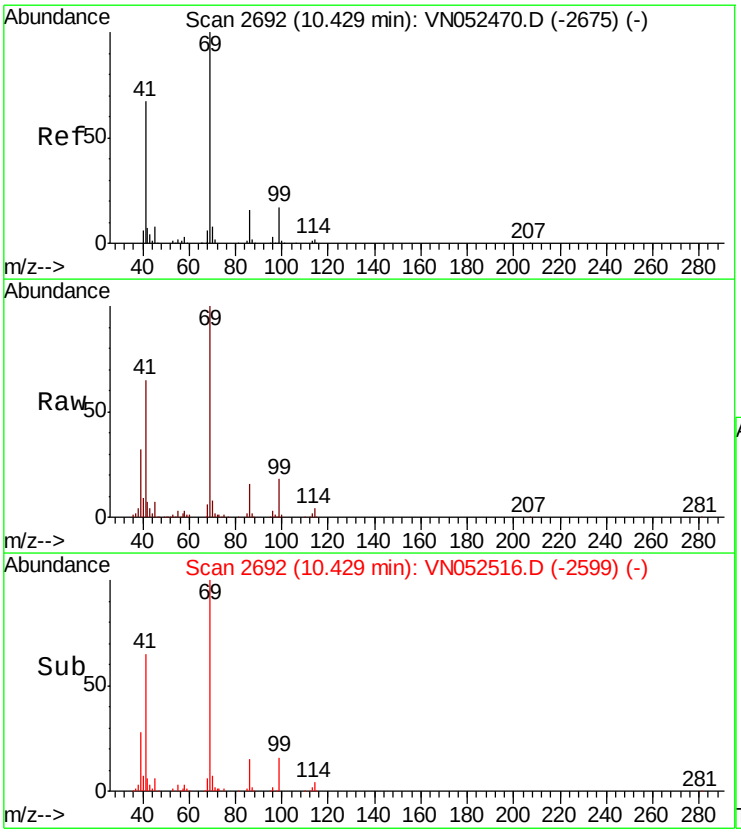
Tgt Ion: 97 Resp: 198284

Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.7	106.1
85	56.7	46.1	69.1
99	62.2	50.8	76.2



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

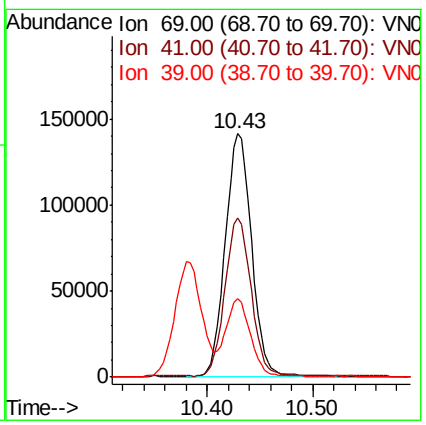
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

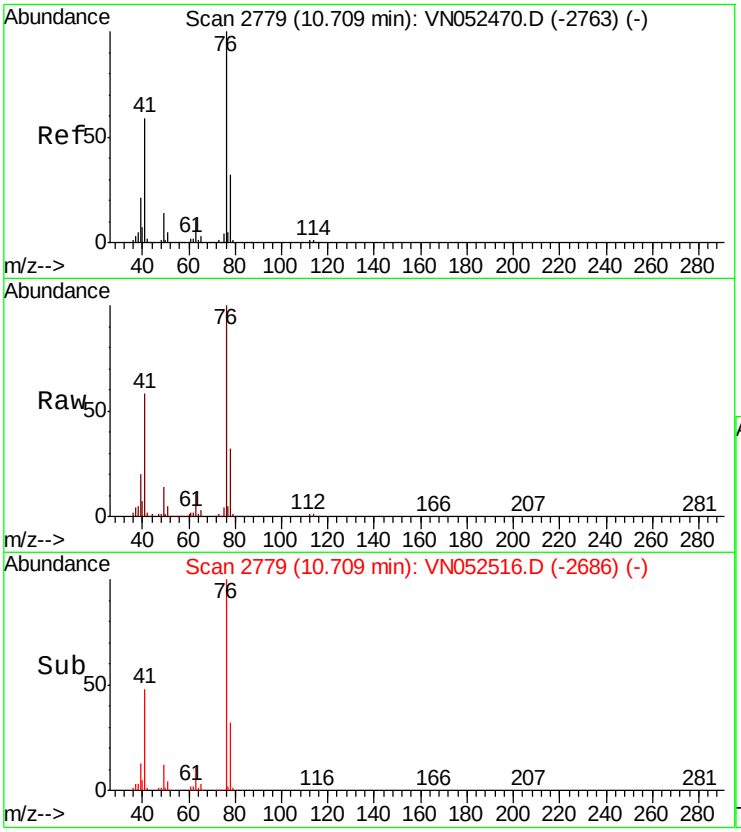


#56
Ethyl methacrylate
Concen: 18.577 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 69 Resp: 245658

Ion	Ratio	Lower	Upper
69	100		
41	63.6	52.6	79.0
39	29.6	25.9	38.9





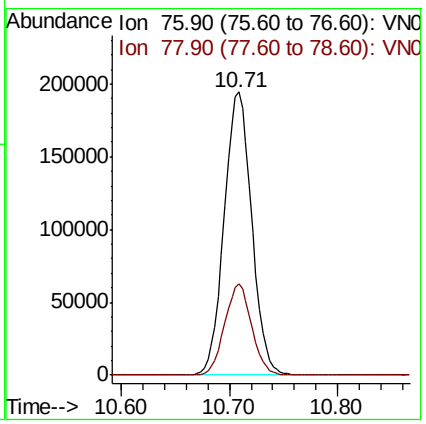
#57
1,3-Dichloropropane
Concen: 18.607 ug/l
RT: 10.71 min Scan# 2779
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

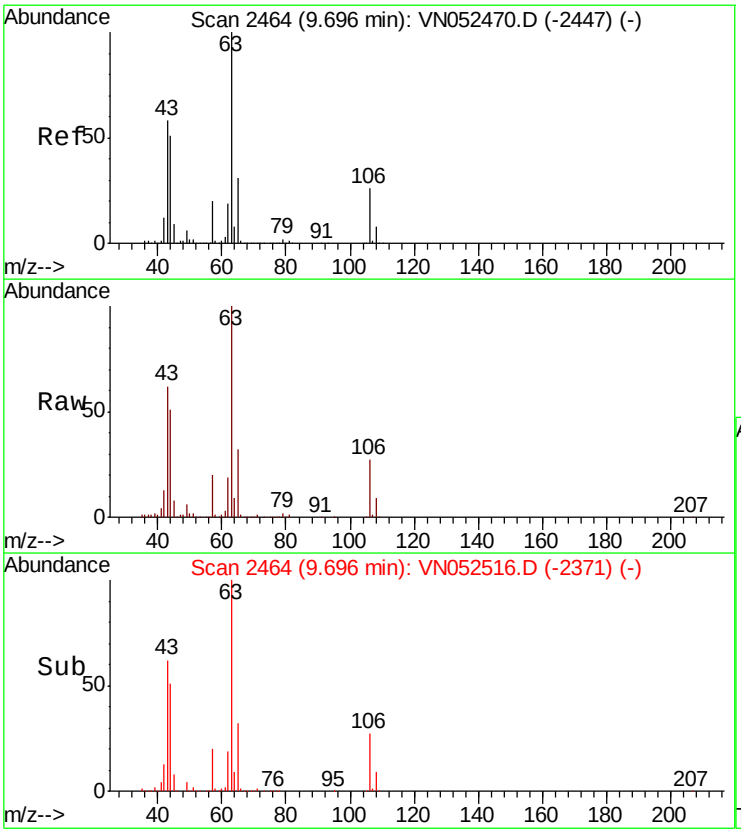
Tgt Ion: 76 Resp: 346223

Ion	Ratio	Lower	Upper
76	100		
78	31.5	25.6	38.4

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

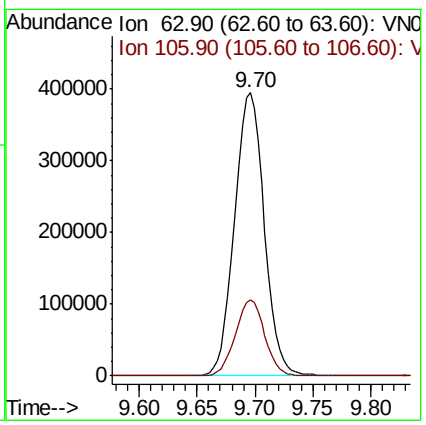


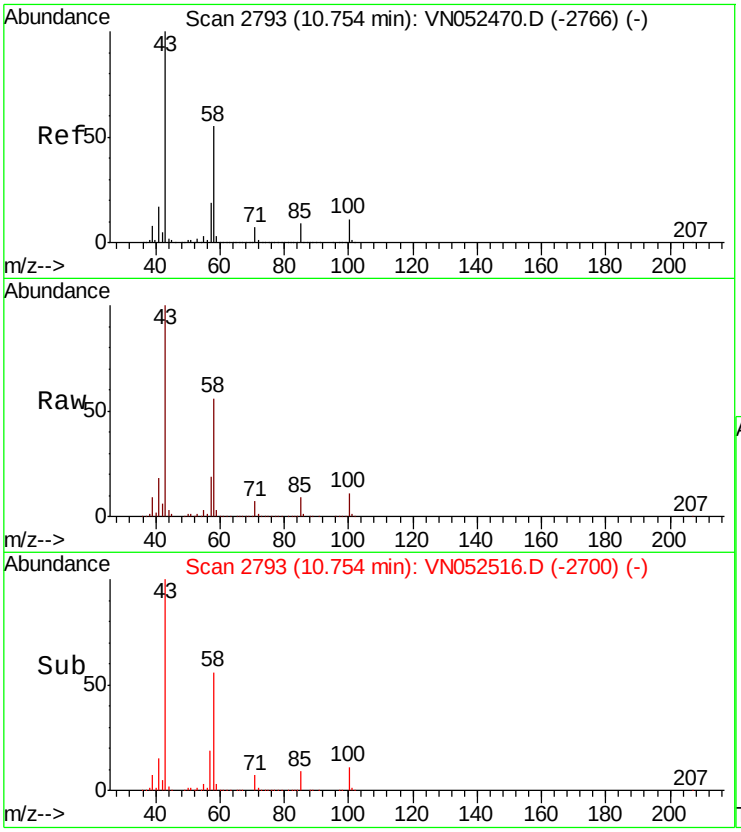


#58
2-Chloroethyl Vinyl ether
Concen: 91.878 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 63 Resp: 702542

Ion	Ratio	Lower	Upper
63	100		
106	26.6	20.6	30.8





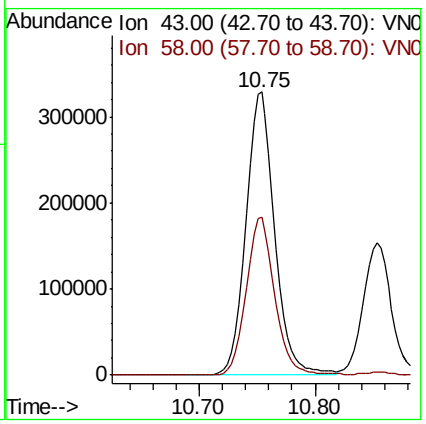
#59
2-Hexanone
Concen: 85.960 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

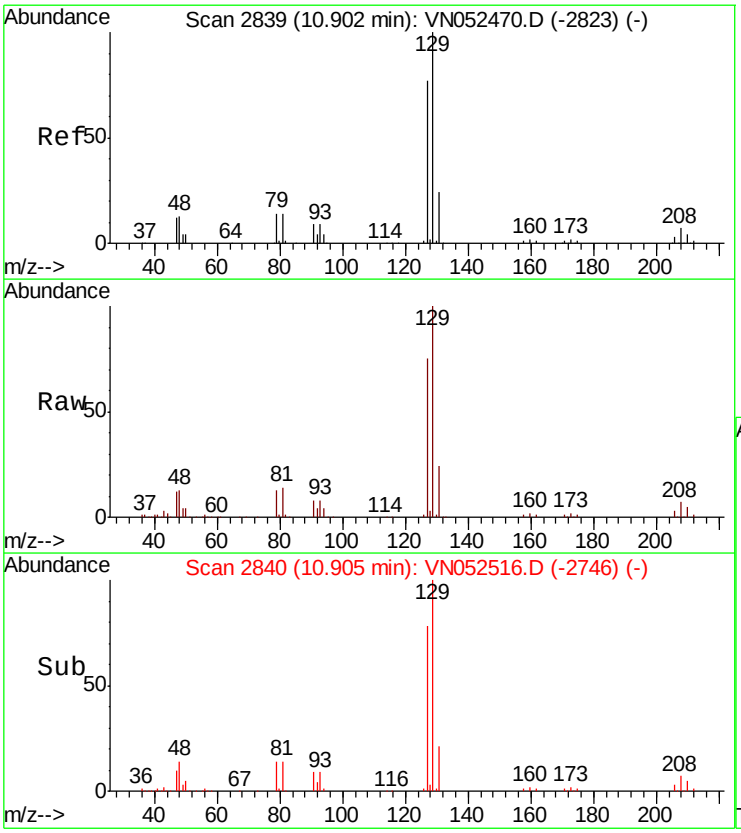
Tgt Ion: 43 Resp: 565621

Ion	Ratio	Lower	Upper
43	100		
58	55.8	27.4	82.0

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

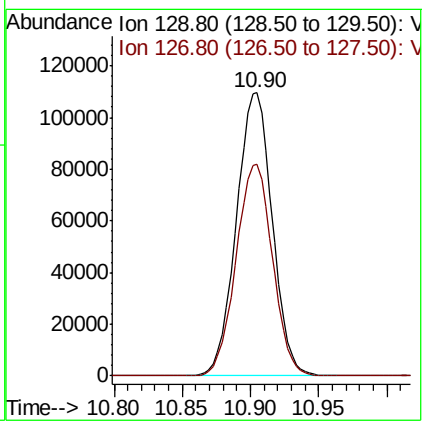


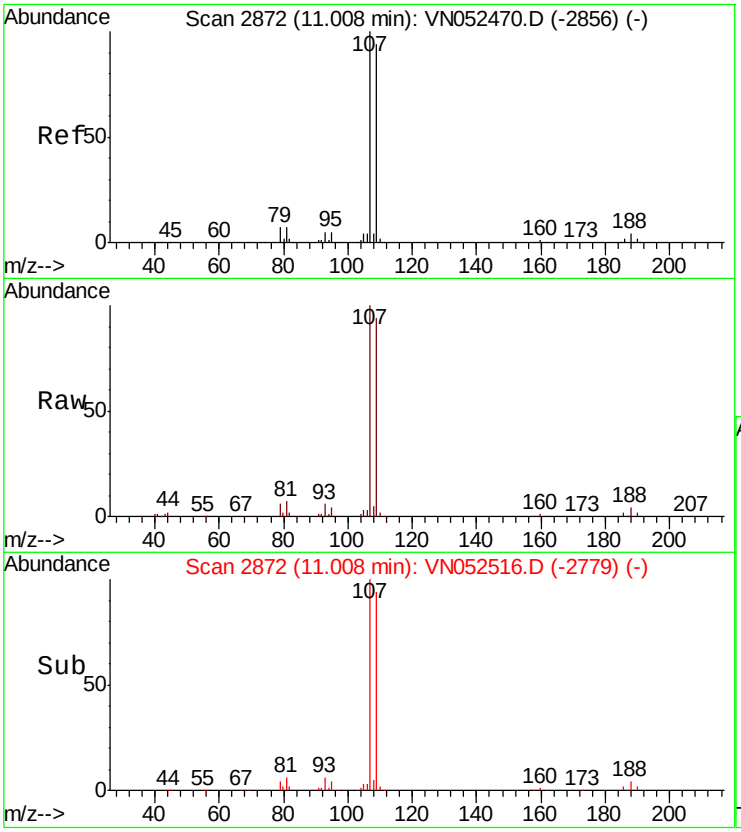


#60
Dibromochloromethane
Concen: 17.484 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion:129 Resp: 200104

Ion	Ratio	Lower	Upper
129	100		
127	76.0	38.9	116.6





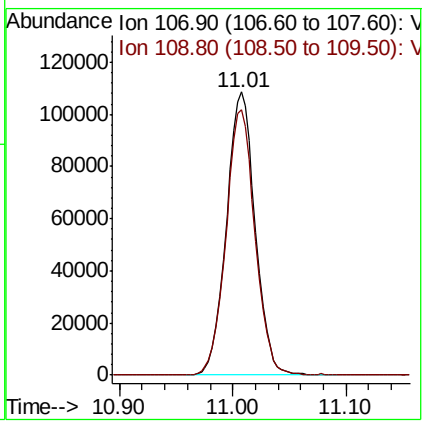
#61
1,2-Dibromoethane
Concen: 18.278 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

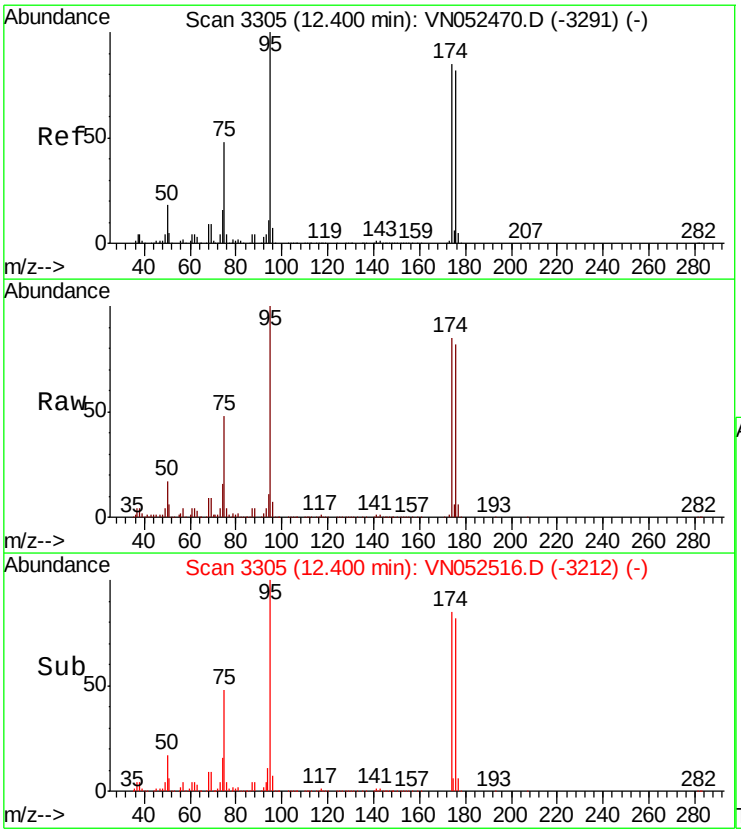
Tgt Ion:107 Resp: 191304

Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.6	113.4

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

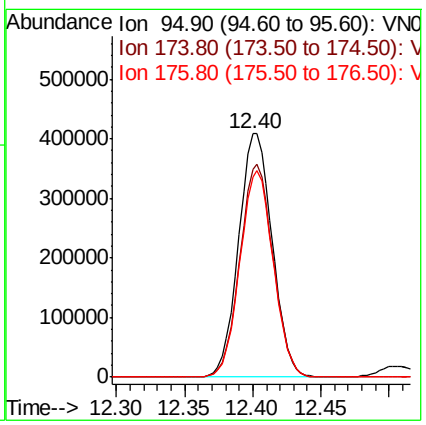


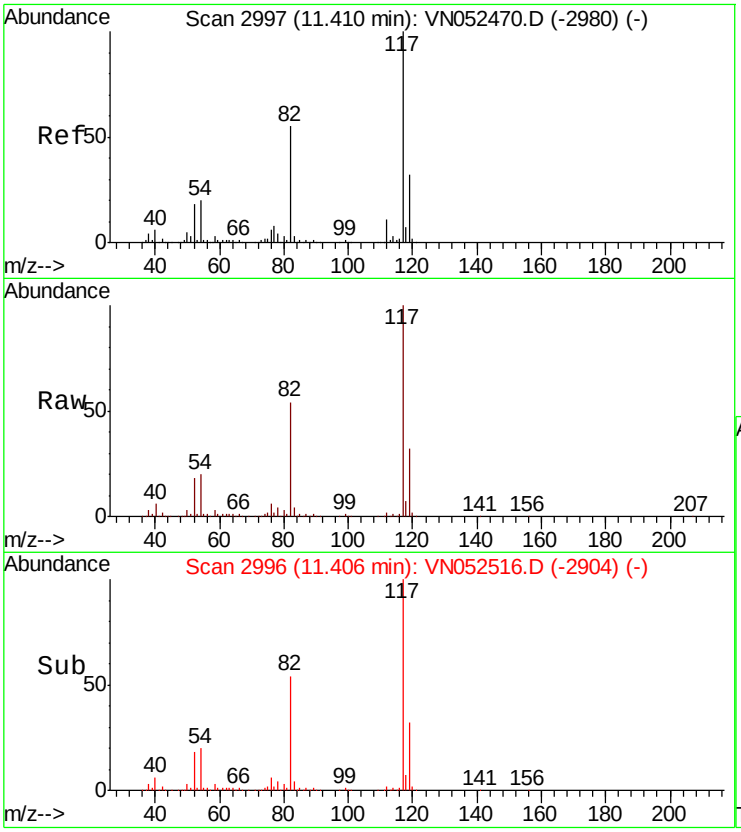


#62
4-Bromofluorobenzene
Concen: 18.278 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 95 Resp: 699094

Ion	Ratio	Lower	Upper
95	100		
174	86.5	0.0	173.0
176	83.8	0.0	166.2

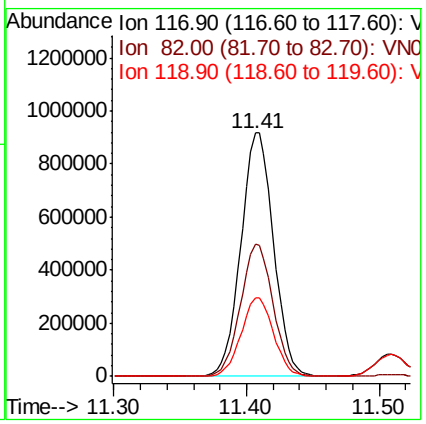




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

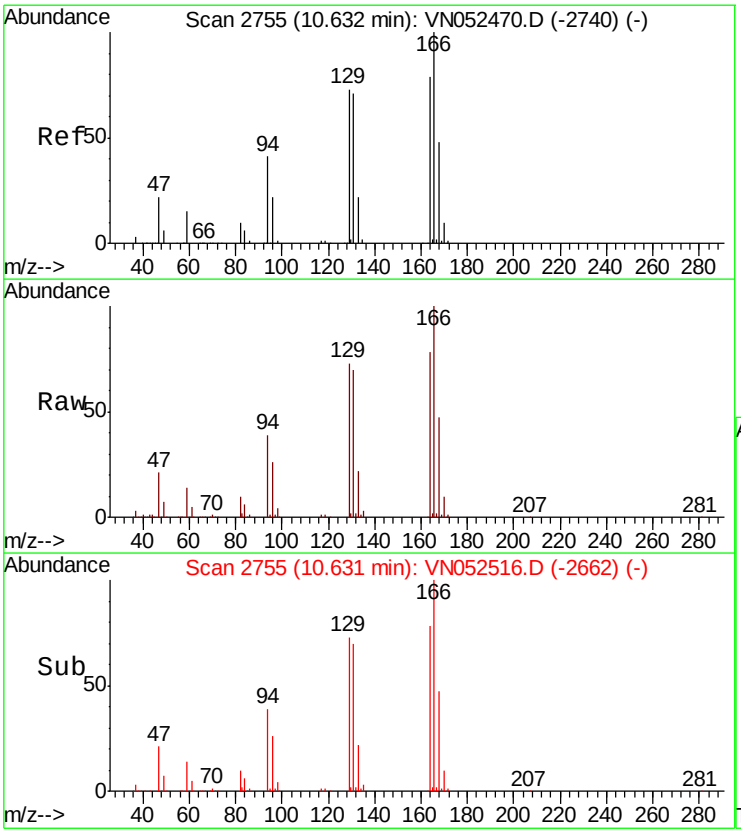
Tgt Ion:117 Resp: 1569747

Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.6	65.4
119	32.2	25.4	38.2



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

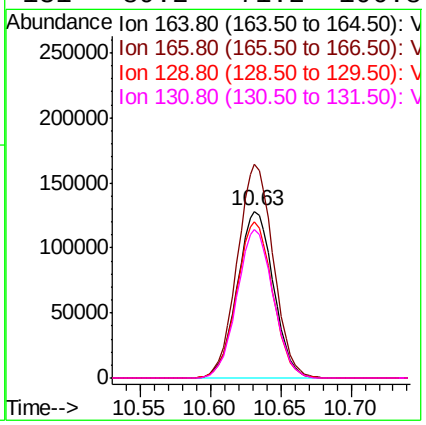
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

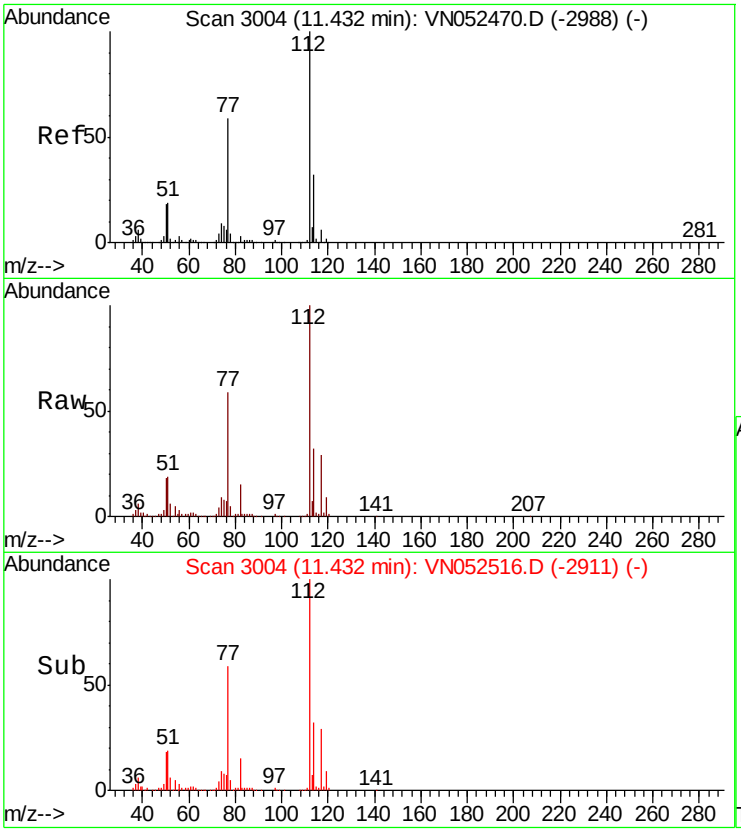


#64
Tetrachloroethene
Concen: 18.959 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion:164 Resp: 230749

Ion	Ratio	Lower	Upper
164	100		
166	128.1	101.0	151.4
129	93.6	73.8	110.6
131	89.2	71.2	106.8





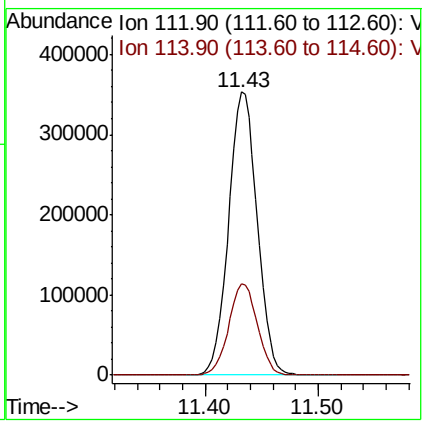
#65
Chlorobenzene
Concen: 19.149 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

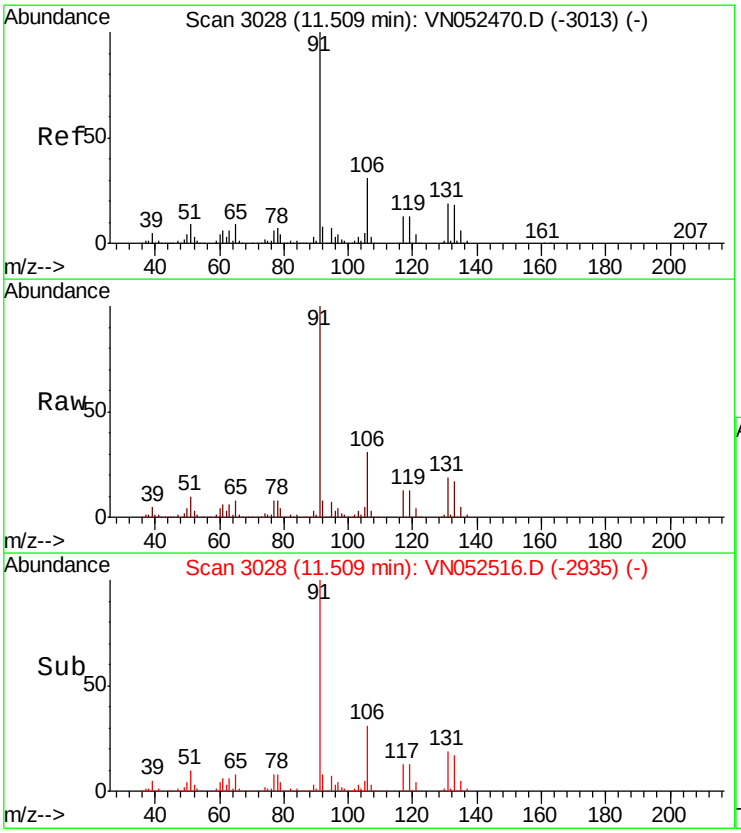
Tgt Ion:112 Resp: 619822

Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.8	38.6

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

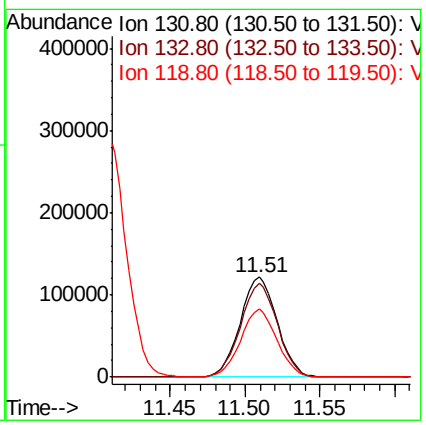


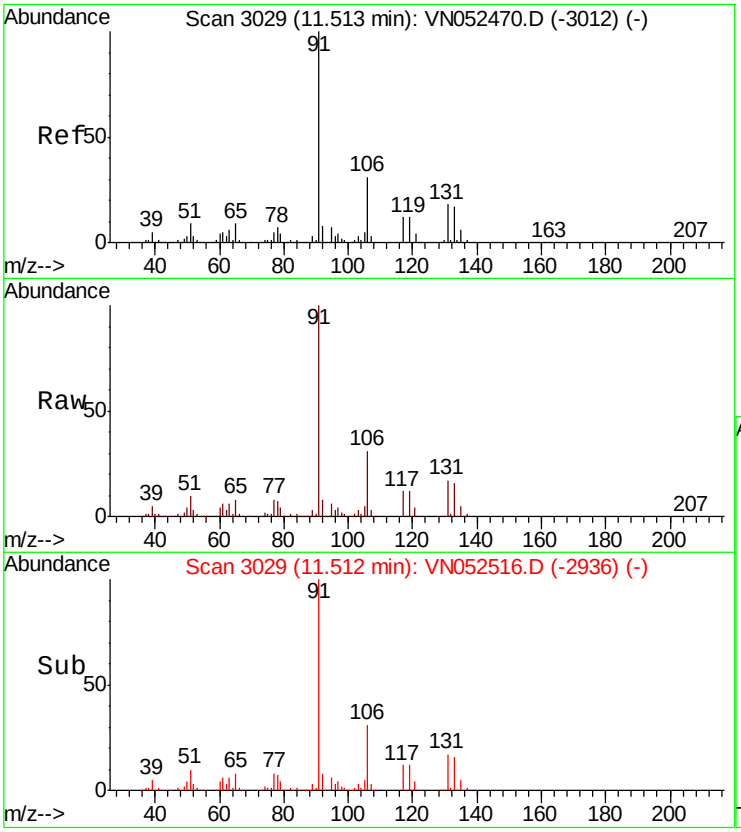


#66
1,1,1,2-Tetrachloroethane
Concen: 18.554 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion:131 Resp: 208818

Ion	Ratio	Lower	Upper
131	100		
133	94.1	47.6	142.8
119	66.9	33.2	99.6

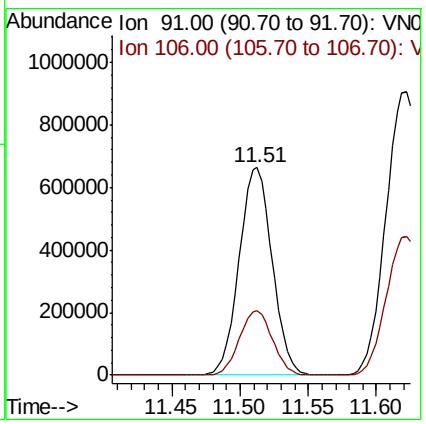




#67
Ethyl Benzene
Concen: 19.635 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

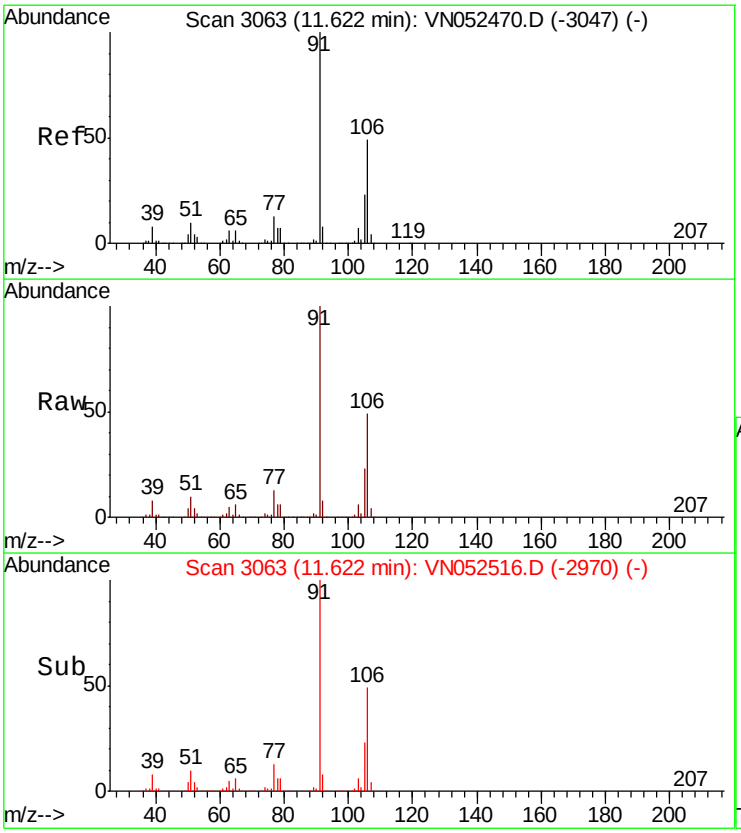
Tgt Ion: 91 Resp: 1112930

Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.9	37.3



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

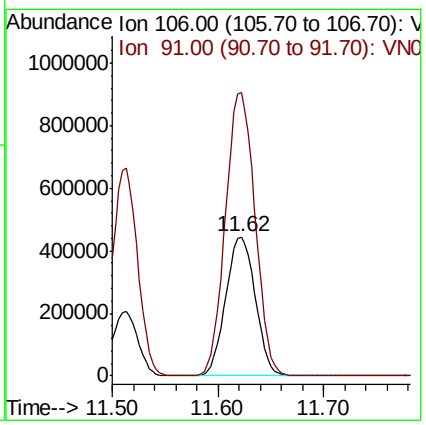
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

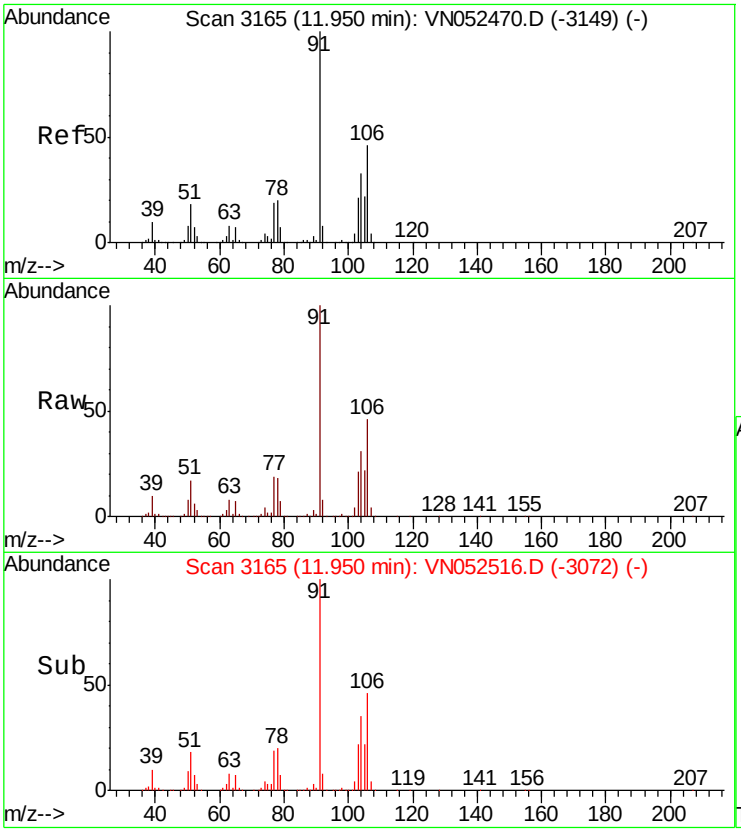


#68
m/p-Xylenes
Concen: 40.856 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion:106 Resp: 862109

Ion	Ratio	Lower	Upper
106	100		
91	204.1	163.2	244.8

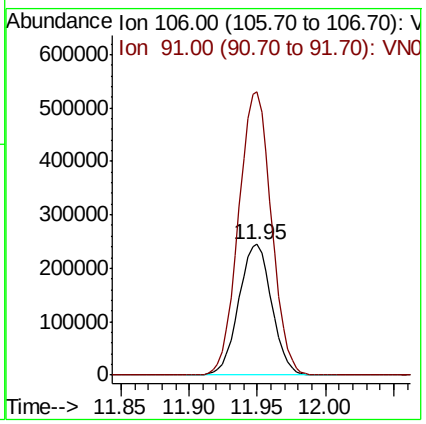




#69
o-Xylene
Concen: 20.044 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

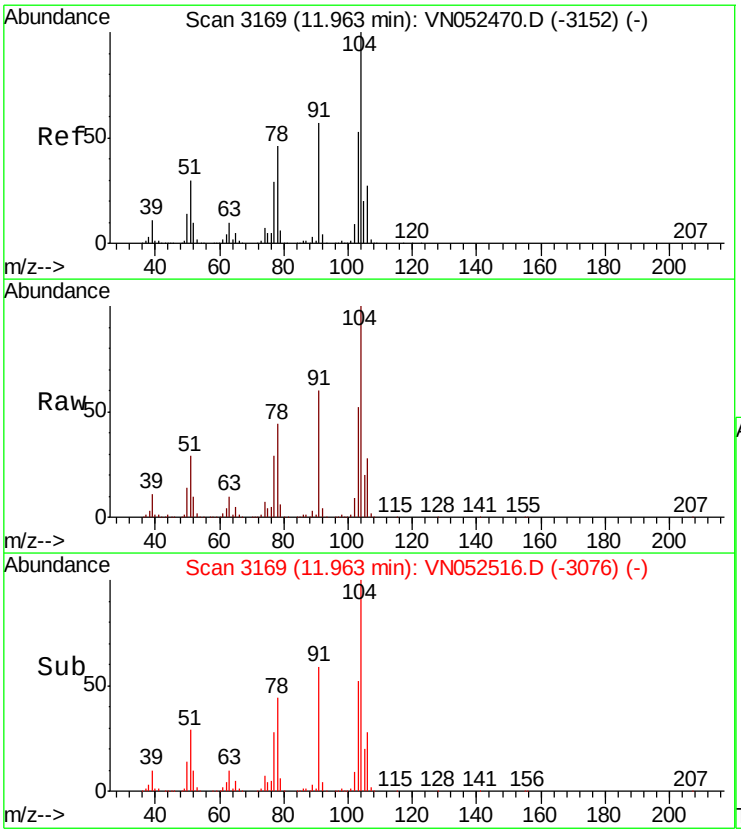
Tgt Ion:106 Resp: 410721

Ion	Ratio	Lower	Upper
106	100		
91	215.8	107.7	323.1



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

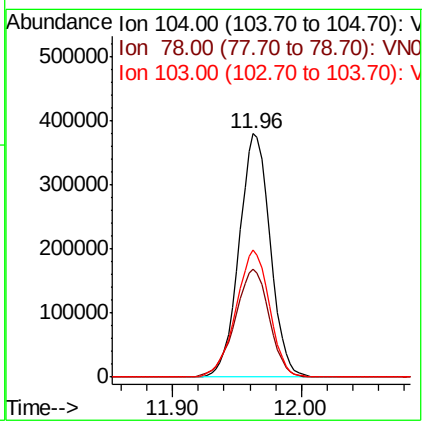
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

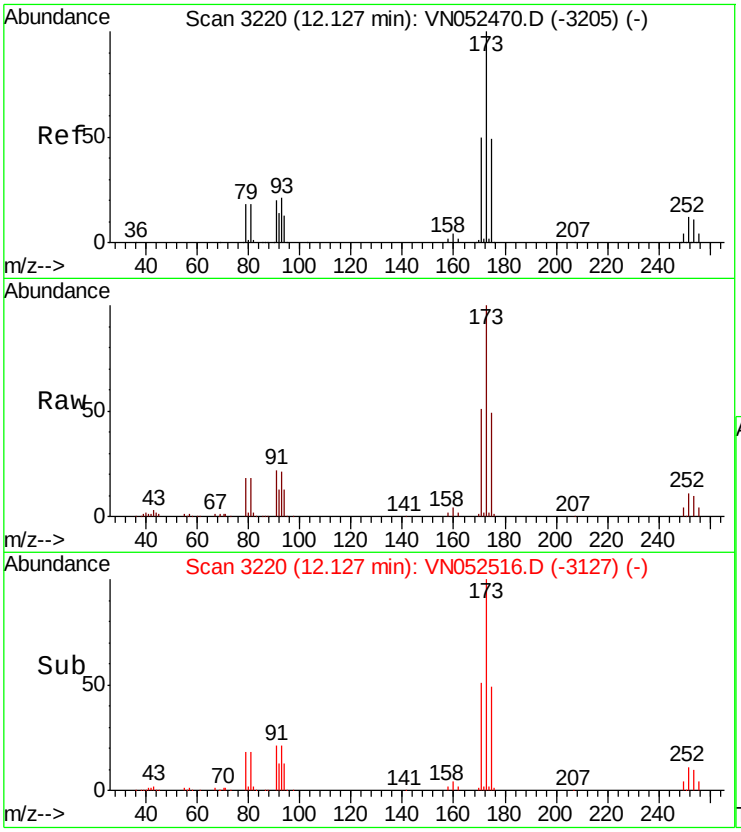


#70
Styrene
Concen: 19.506 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion:104 Resp: 636642

Ion	Ratio	Lower	Upper
104	100		
78	49.0	39.4	59.2
103	56.4	44.9	67.3





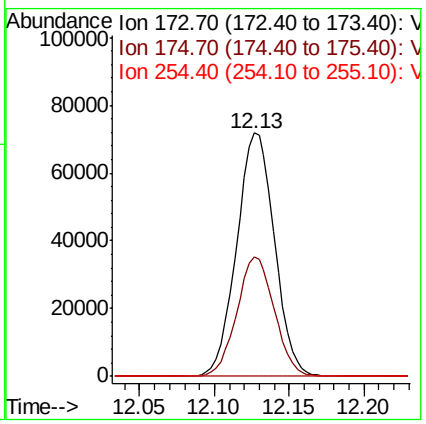
#71
Bromoform
Concen: 16.940 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

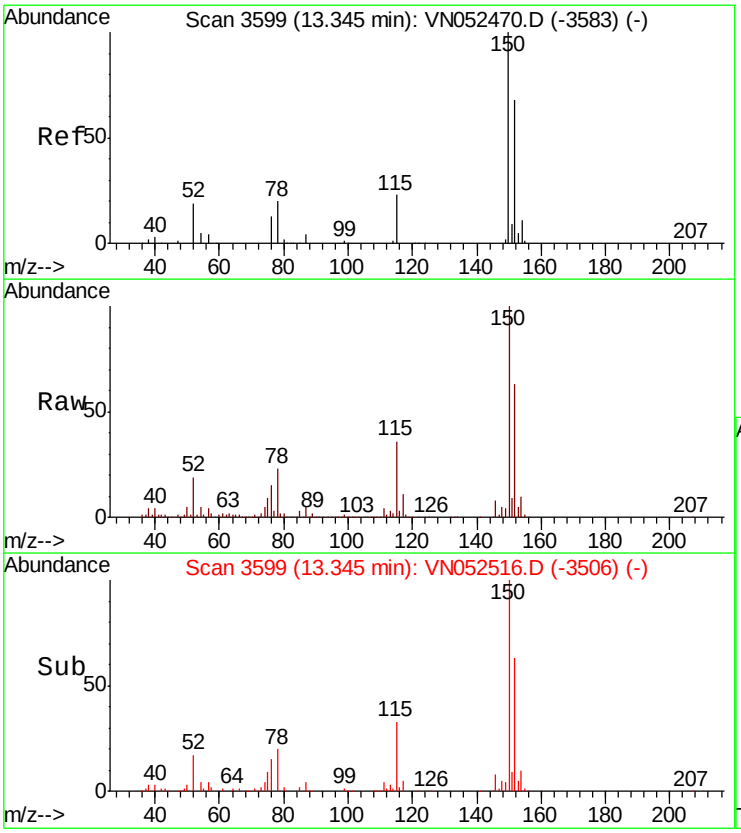
Tgt Ion:173 Resp: 126232

Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.4	73.2
254	0.0	0.1	0.1#

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

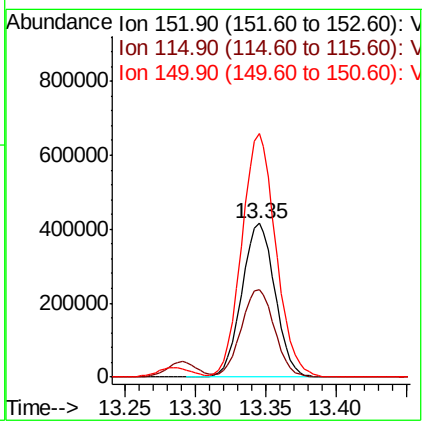


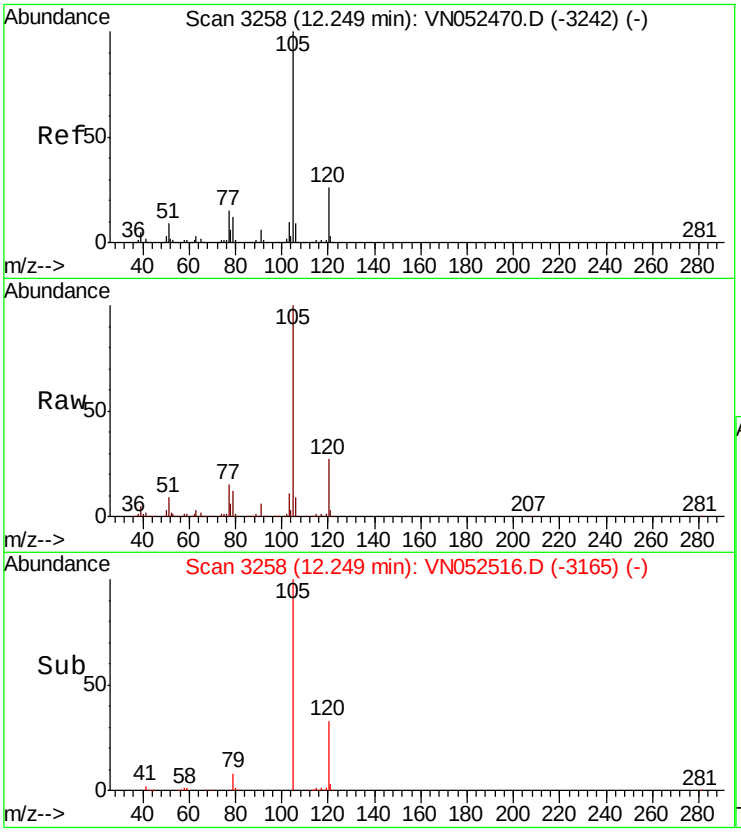


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion:152 Resp: 686444

Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.4	85.2
150	162.7	0.0	346.0





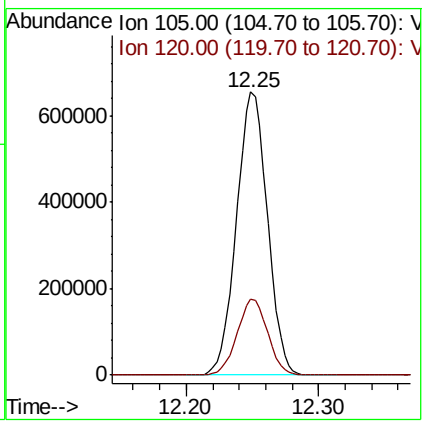
#73
Isopropylbenzene
Concen: 19.684 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

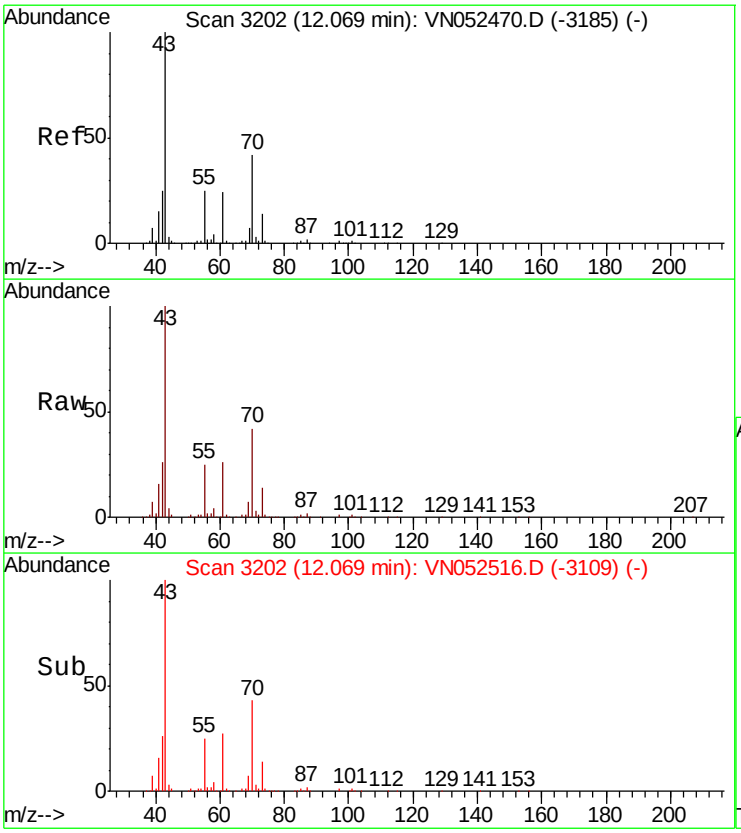
Tgt Ion:105 Resp: 1060116

Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.1	39.3

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

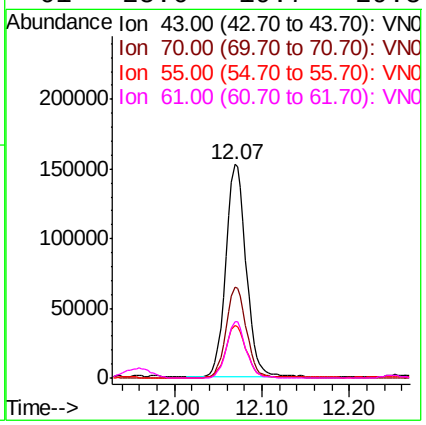


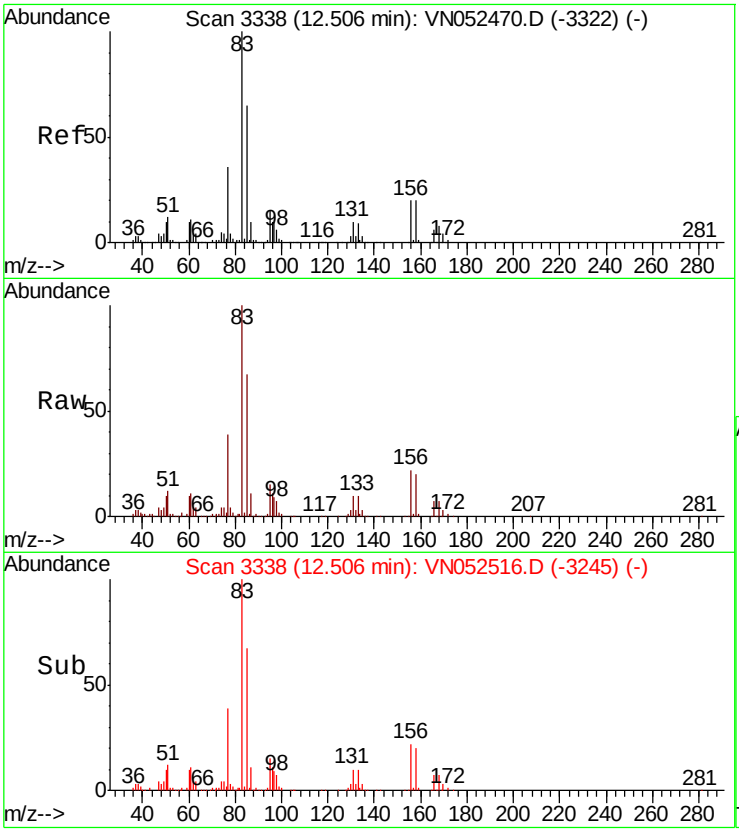


#74
N-amyl acetate
Concen: 18.141 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 43 Resp: 246831

Ion	Ratio	Lower	Upper
43	100		
70	42.5	33.8	50.8
55	24.9	20.0	30.0
61	25.6	19.7	29.5

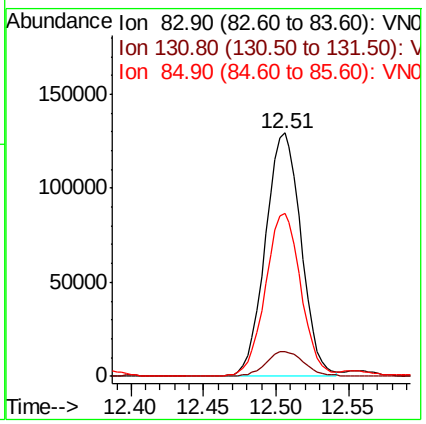




#75
1,1,2,2-Tetrachloroethane
Concen: 18.076 ug/l
RT: 12.51 min Scan# 3338
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

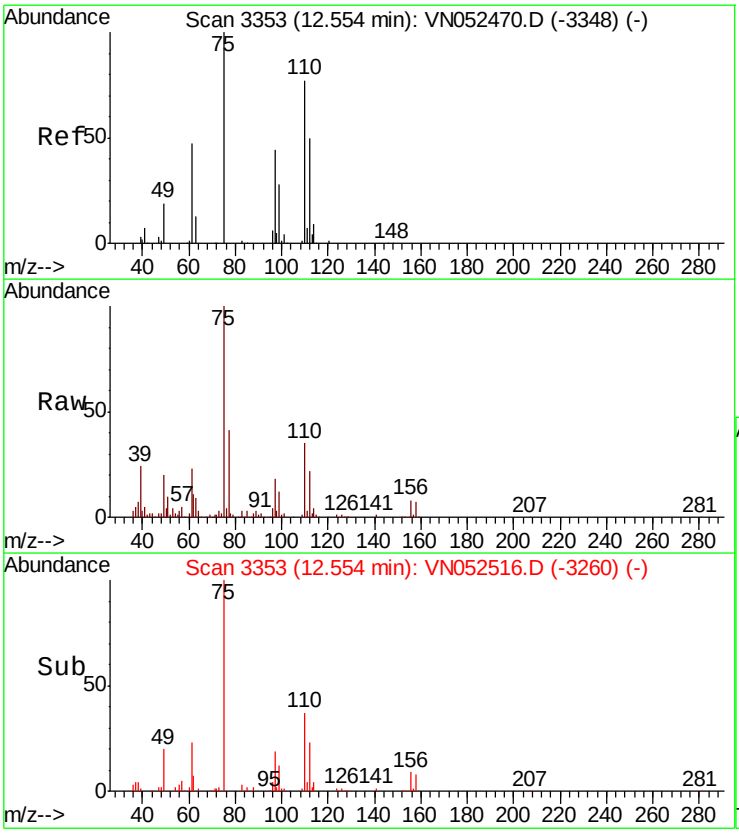
Tgt Ion: 83 Resp: 221456

Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.0	15.0
85	66.4	31.9	95.9



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

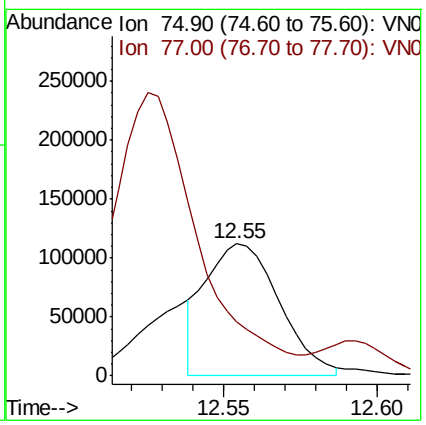
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

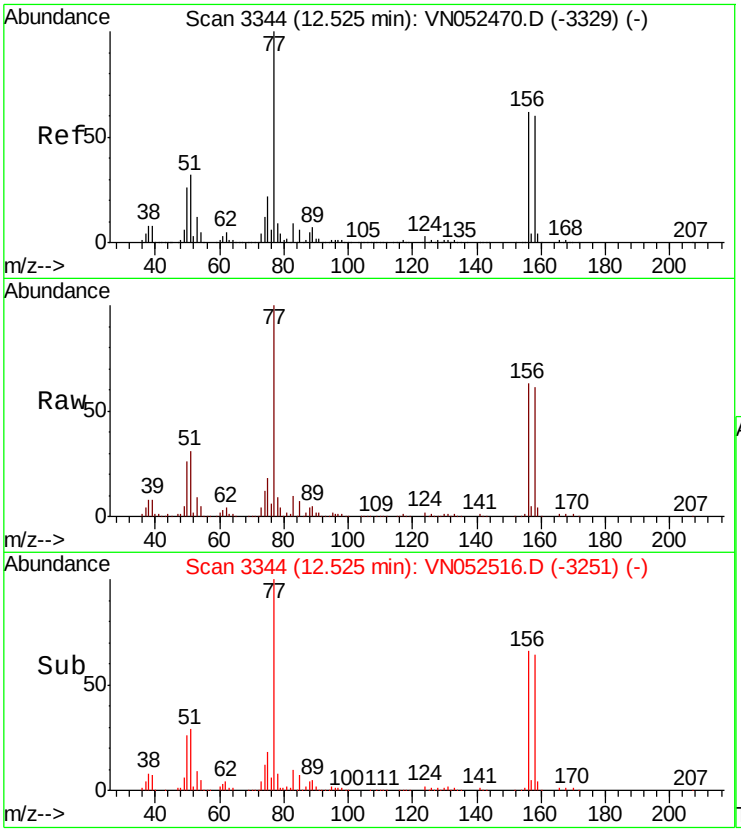


#76
1,2,3-Trichloropropane
Concen: 17.770 ug/l m
RT: 12.55 min Scan# 3353
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 75 Resp: 188097

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

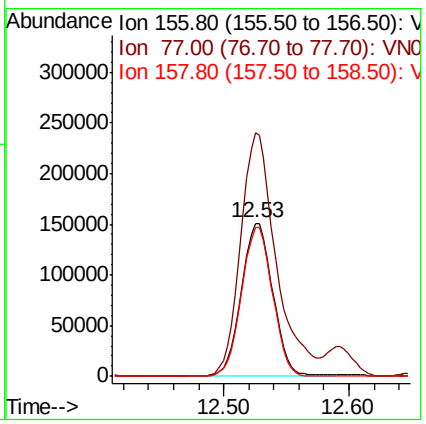




#77
Bromobenzene
Concen: 19.823 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

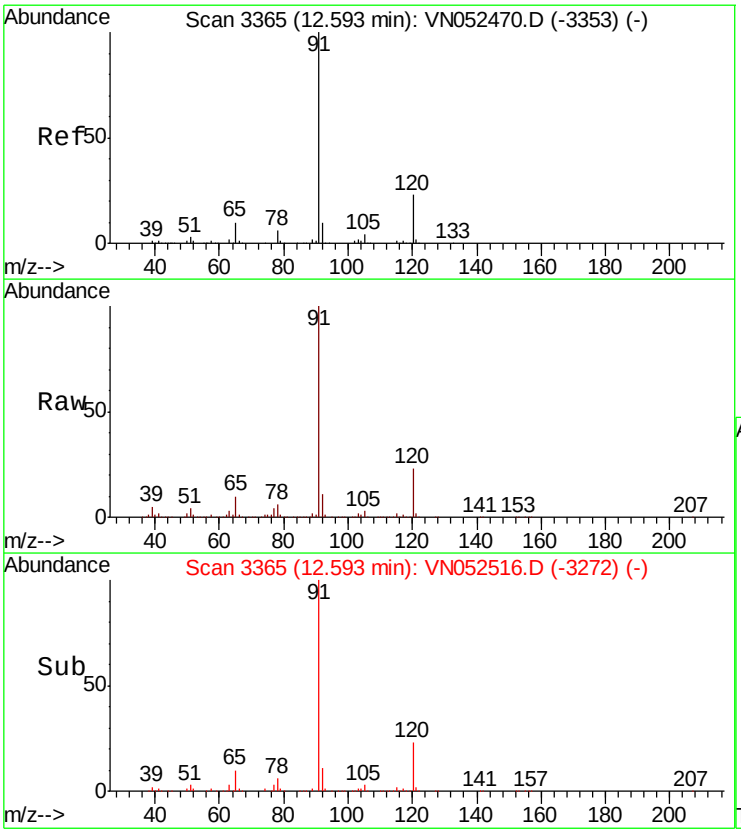
Tgt Ion:156 Resp: 263874

Ion	Ratio	Lower	Upper
156	100		
77	179.9	93.5	280.4
158	95.2	48.3	144.9



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

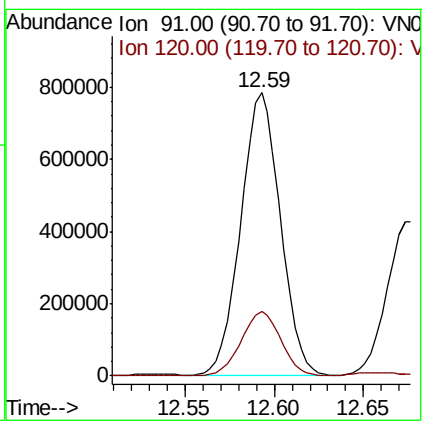
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

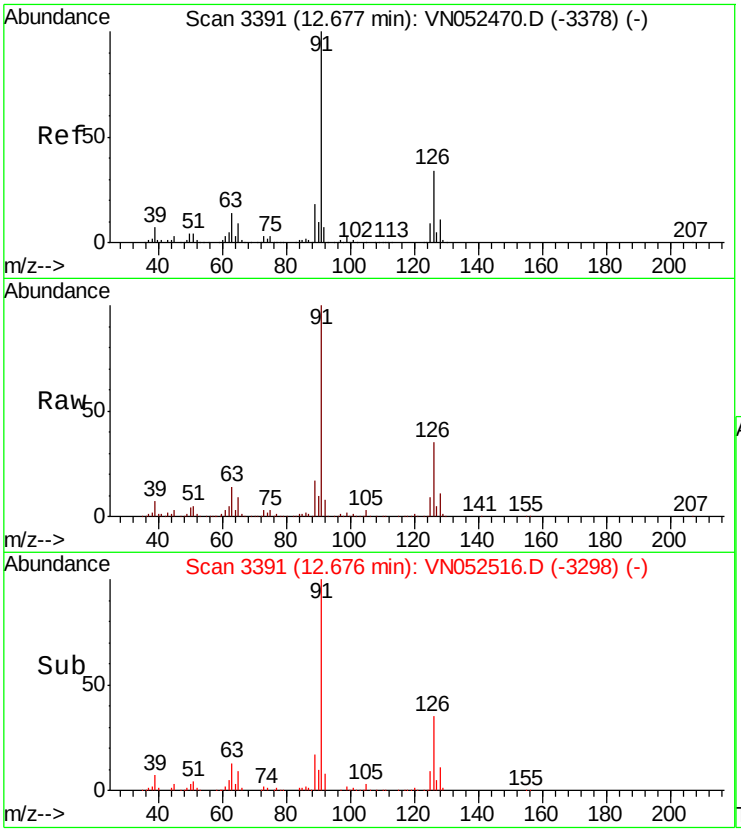


#78
n-propylbenzene
Concen: 19.851 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 91 Resp: 1214563

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.3	33.9

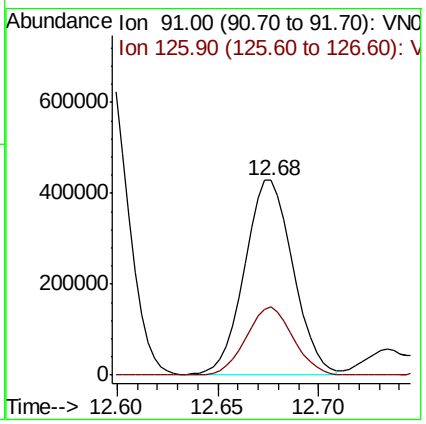




#79
2-Chlorotoluene
Concen: 19.706 ug/l
RT: 12.68 min Scan# 3391
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

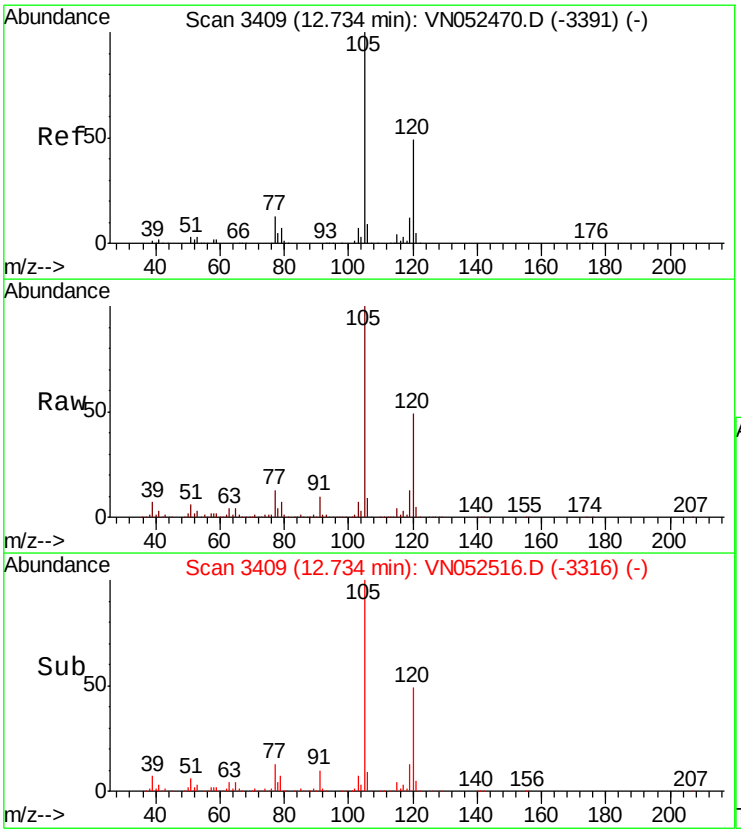
Tgt Ion: 91 Resp: 717983

Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.2	51.6



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

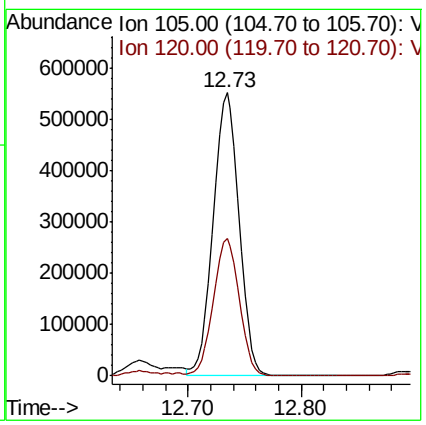
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

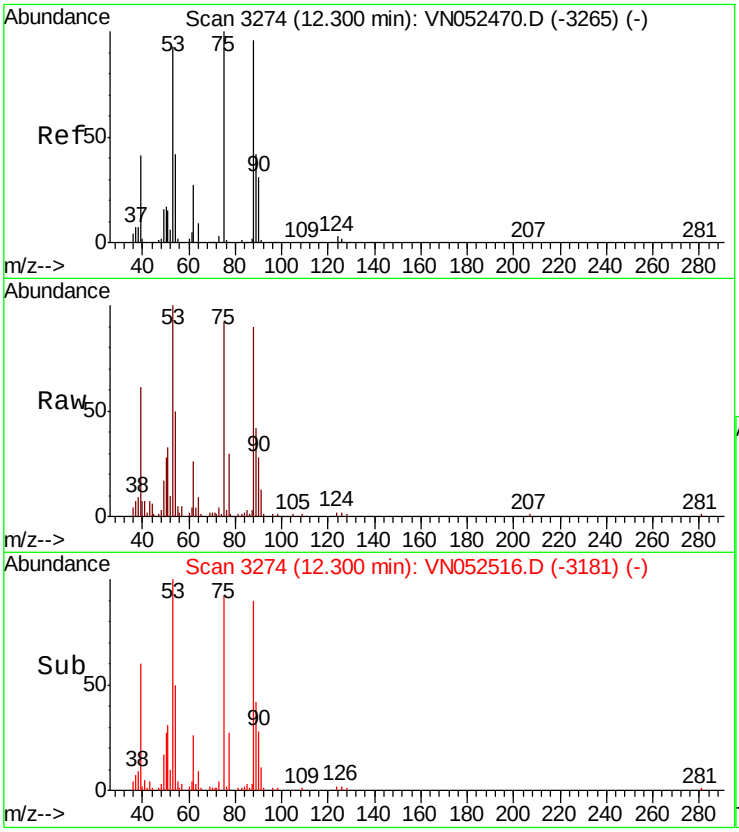


#80
1,3,5-Trimethylbenzene
Concen: 20.449 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion:105 Resp: 878331

Ion	Ratio	Lower	Upper
105	100		
120	48.6	24.3	73.0





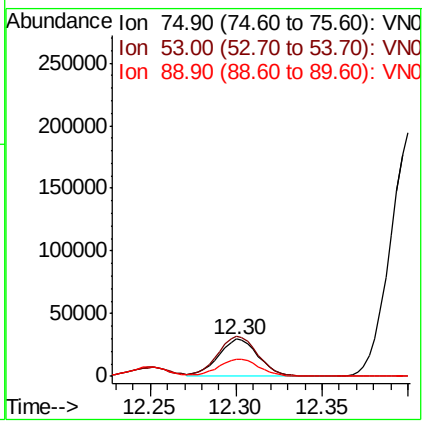
#81
trans-1,4-Dichloro-2-butene
Concen: 15.008 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

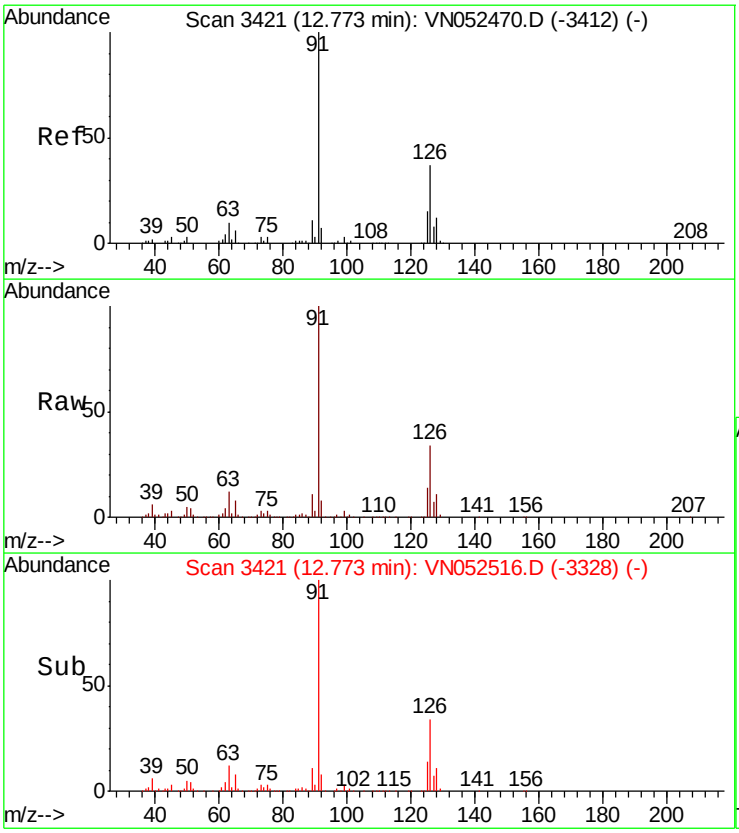
Tgt Ion: 75 Resp: 47571

Ion	Ratio	Lower	Upper
75	100		
53	111.0	77.4	116.0
89	46.9	35.4	53.2

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

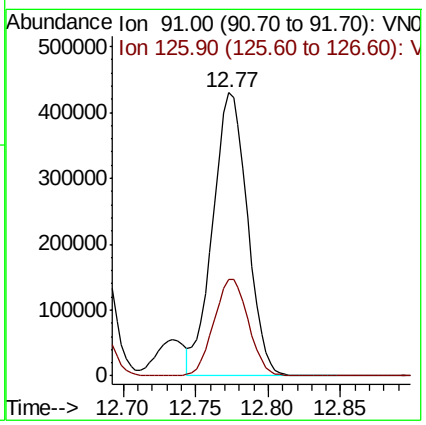


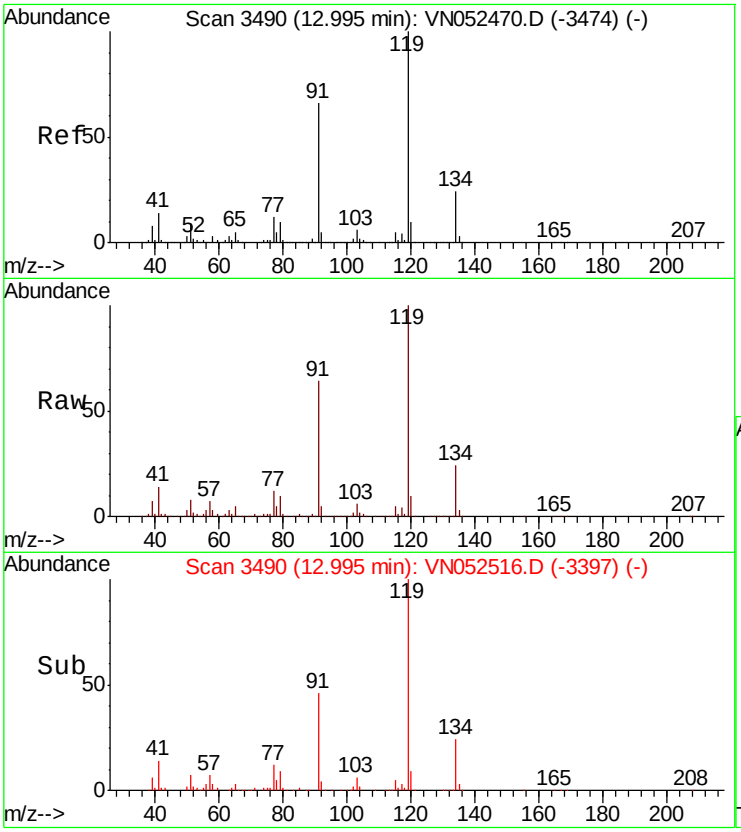


#82
4-Chlorotoluene
Concen: 19.363 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 91 Resp: 711015

Ion	Ratio	Lower	Upper
91	100		
126	34.1	16.9	50.6

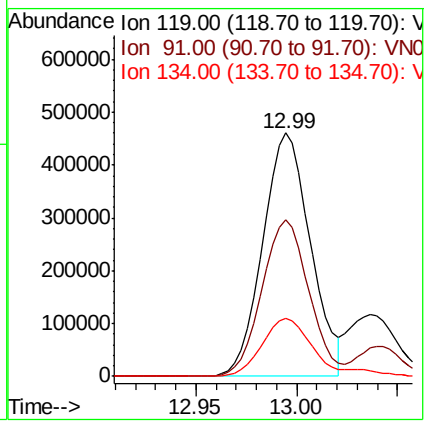




#83
tert-Butylbenzene
Concen: 19.832 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

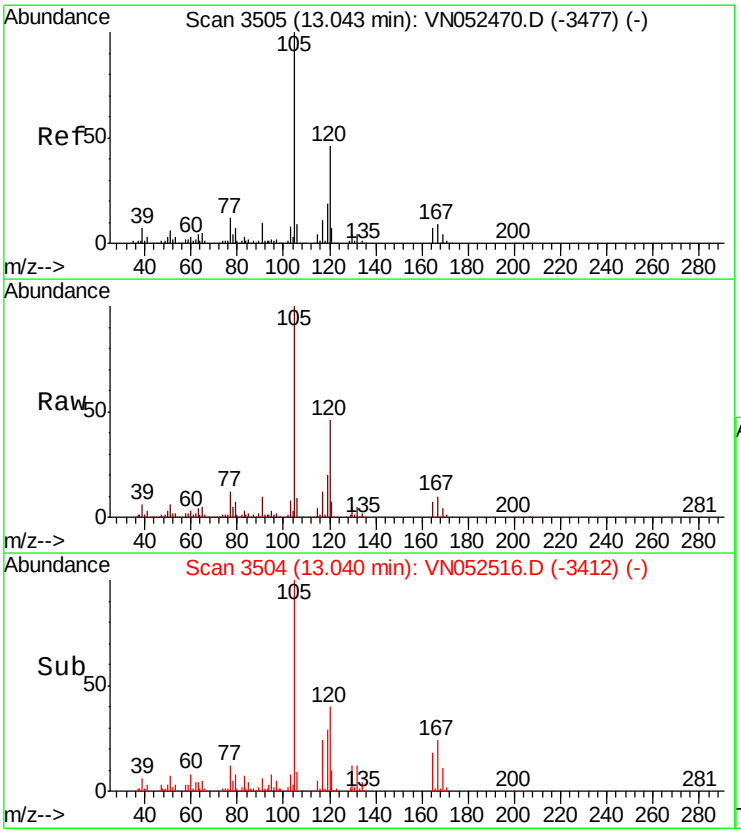
Tgt Ion:119 Resp: 759392

Ion	Ratio	Lower	Upper
119	100		
91	63.4	32.3	96.9
134	26.2	13.0	38.9



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

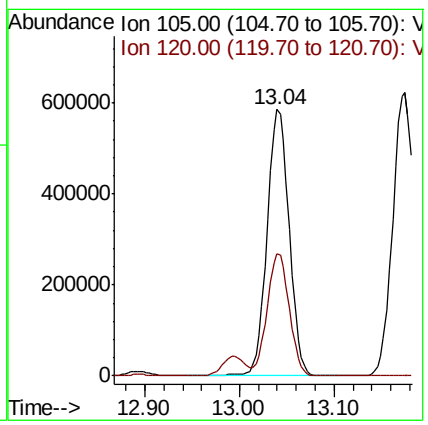
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

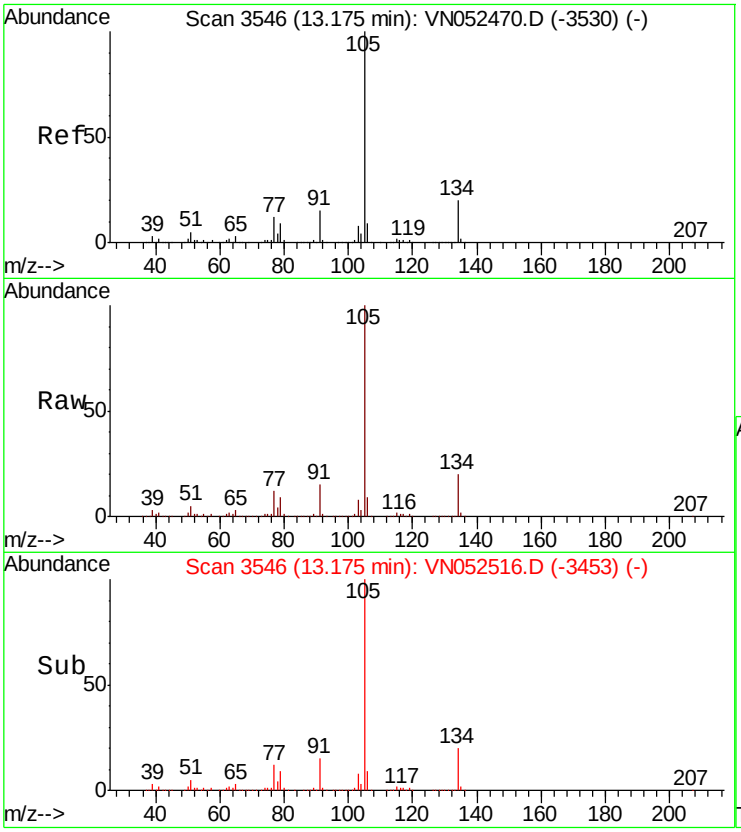


#84
1,2,4-Trimethylbenzene
Concen: 21.842 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion:105 Resp: 940180

Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.8	68.4

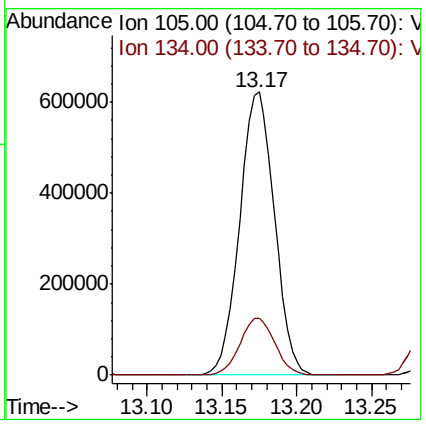




#85
sec-Butylbenzene
Concen: 19.296 ug/l
RT: 13.17 min Scan# 3546
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

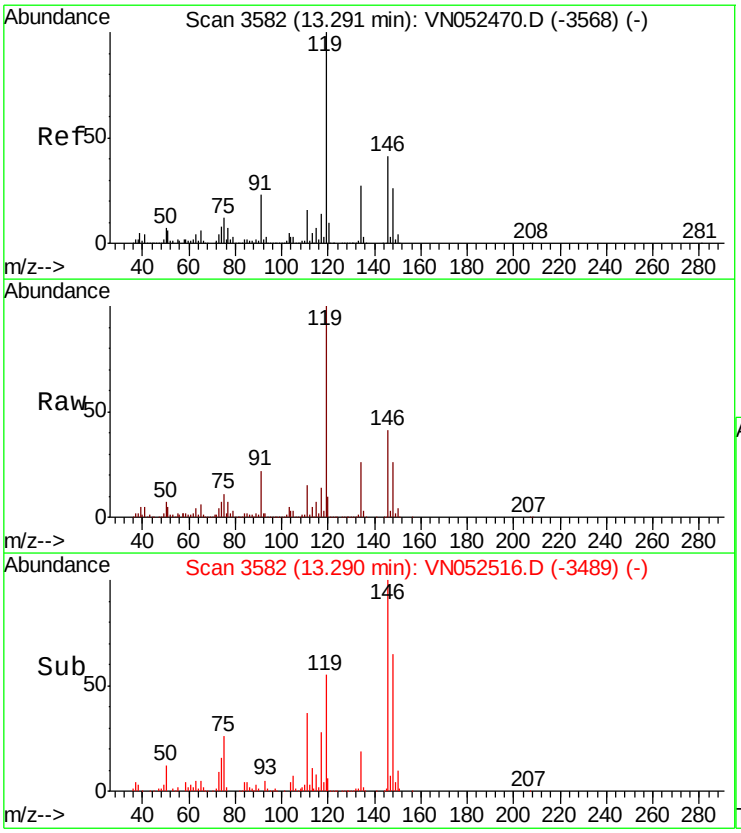
Tgt Ion:105 Resp: 1006356

Ion	Ratio	Lower	Upper
105	100		
134	20.1	9.9	29.7



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

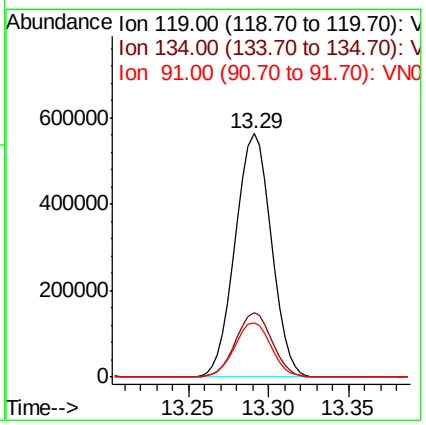
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

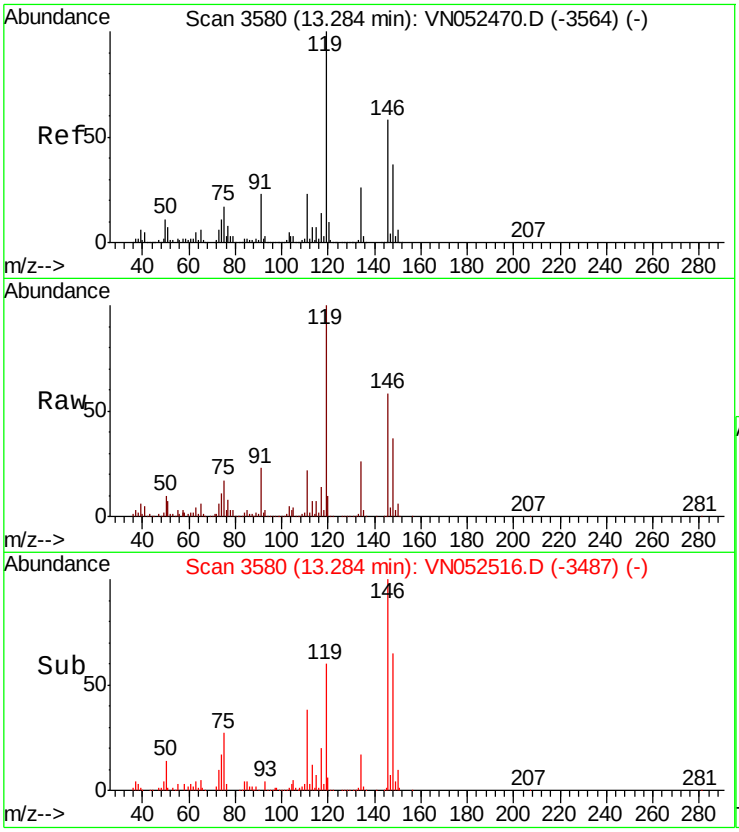


#86
p-Isopropyltoluene
Concen: 19.444 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion:119 Resp: 863758

Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.4	40.2
91	22.5	11.4	34.2

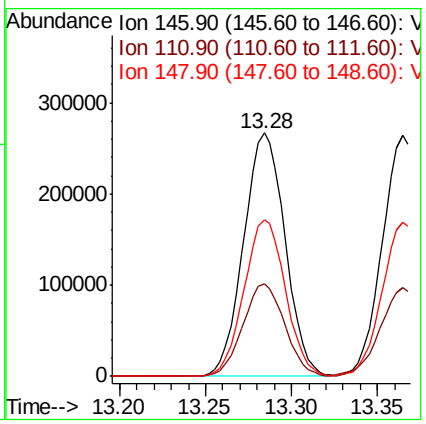




#87
1,3-Dichlorobenzene
Concen: 19.143 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

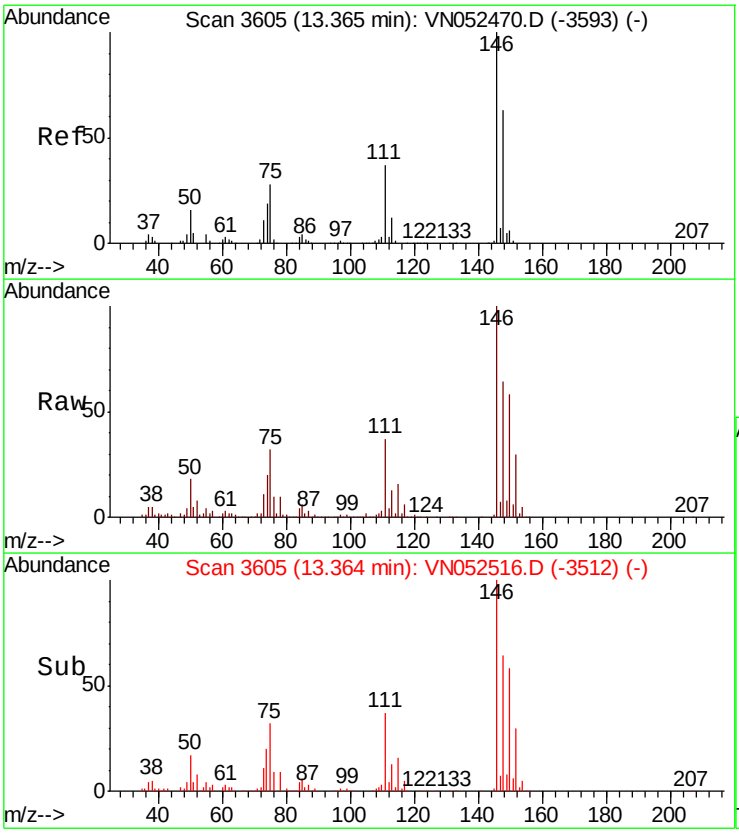
Tgt Ion:146 Resp: 445734

Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.4	58.4
148	64.1	31.8	95.4



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

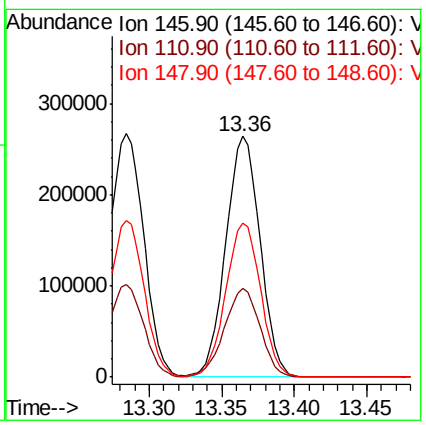
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

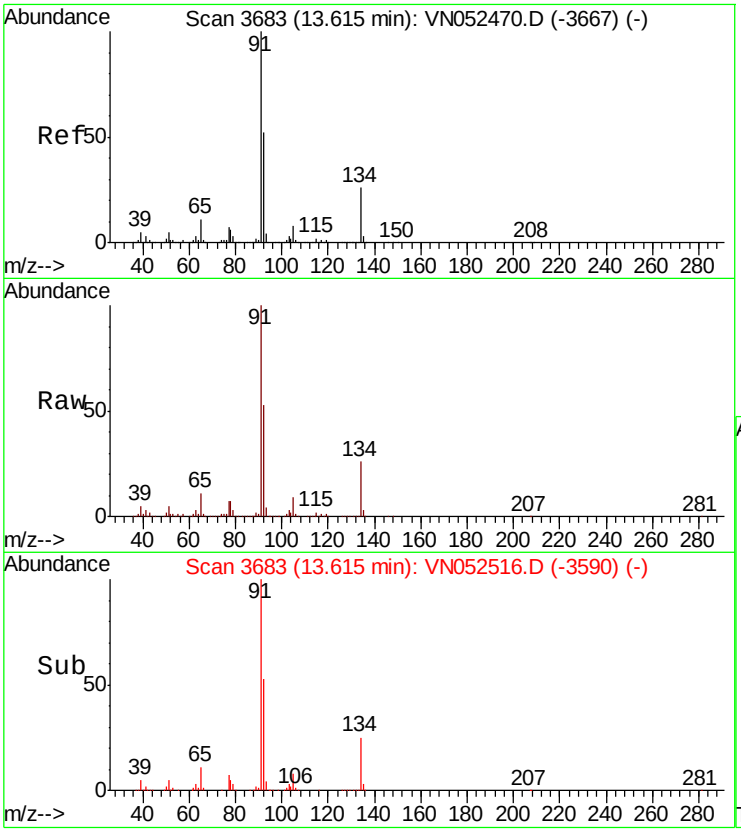


#88
1,4-Dichlorobenzene
Concen: 18.886 ug/l
RT: 13.36 min Scan# 3605
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion:146 Resp: 433170

Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.6	56.0
148	64.8	31.9	95.9

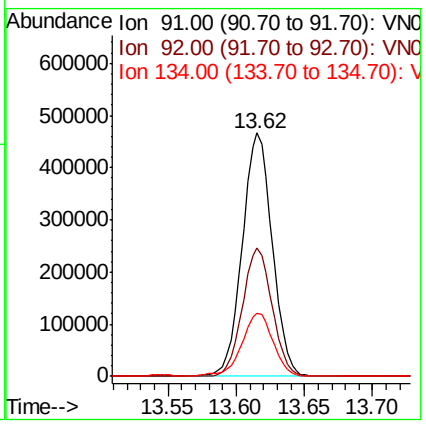




#89
n-Butylbenzene
Concen: 19.121 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

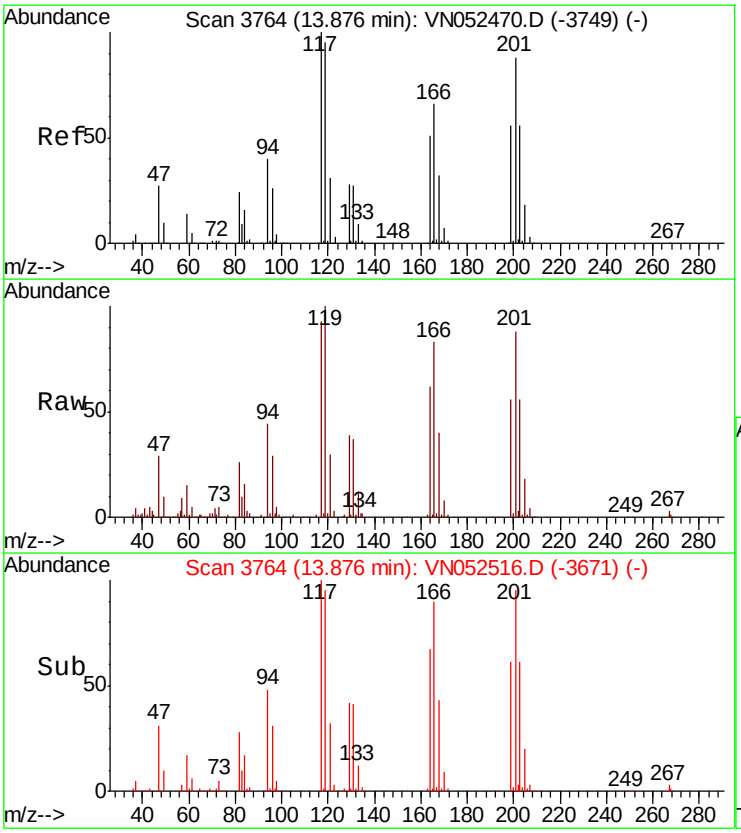
Tgt Ion: 91 Resp: 706387

Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.1	78.3
134	27.3	13.0	38.9



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

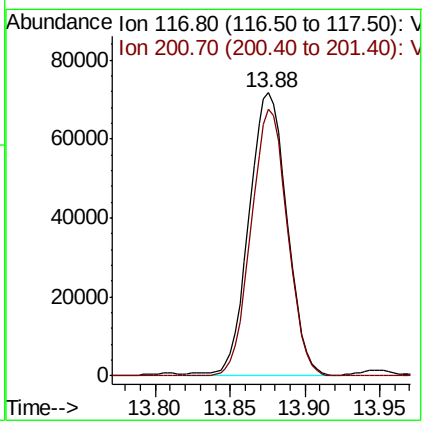
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

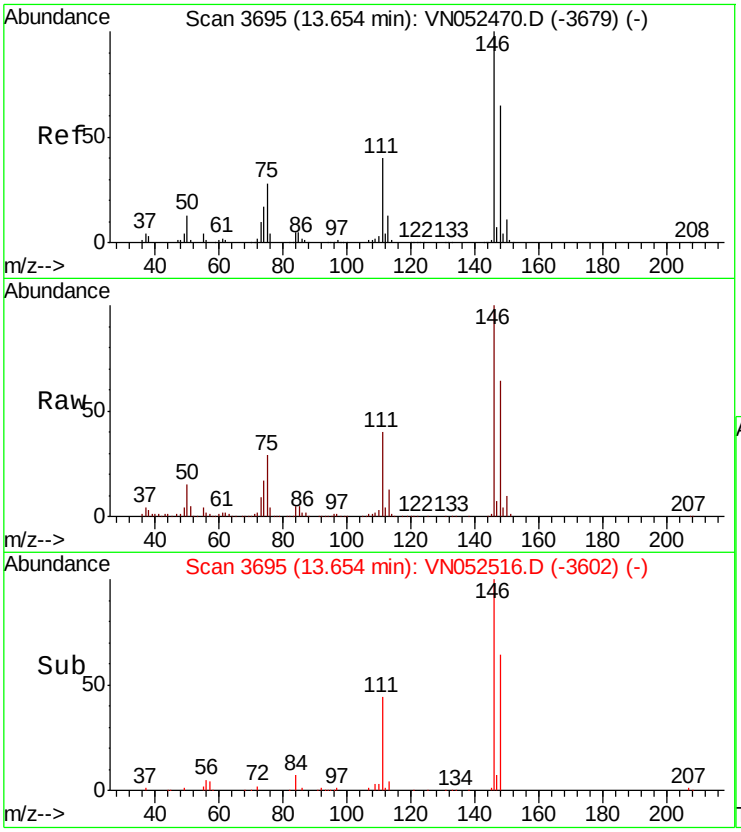


#90
Hexachloroethane
Concen: 16.838 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion:117 Resp: 126648

Ion	Ratio	Lower	Upper
117	100		
201	90.3	43.6	130.9

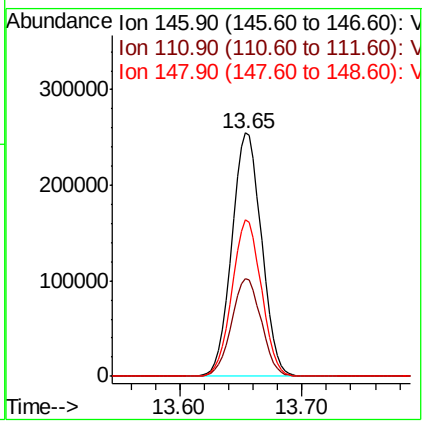




#91
1,2-Dichlorobenzene
Concen: 19.338 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

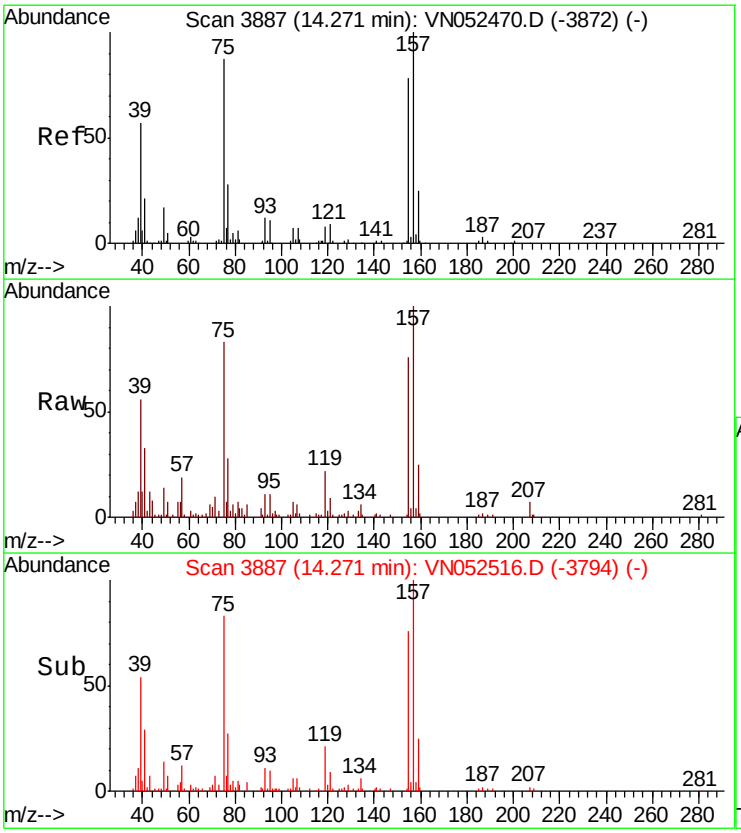
Tgt Ion:146 Resp: 430208

Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	60.0
148	63.4	32.0	96.2



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

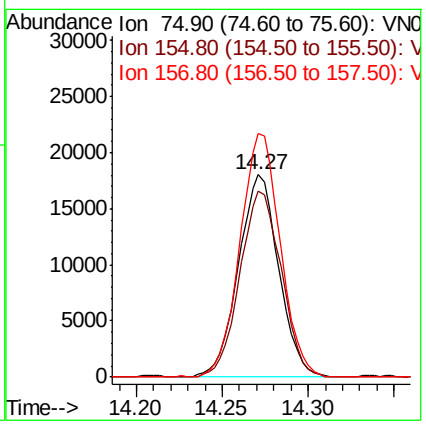
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

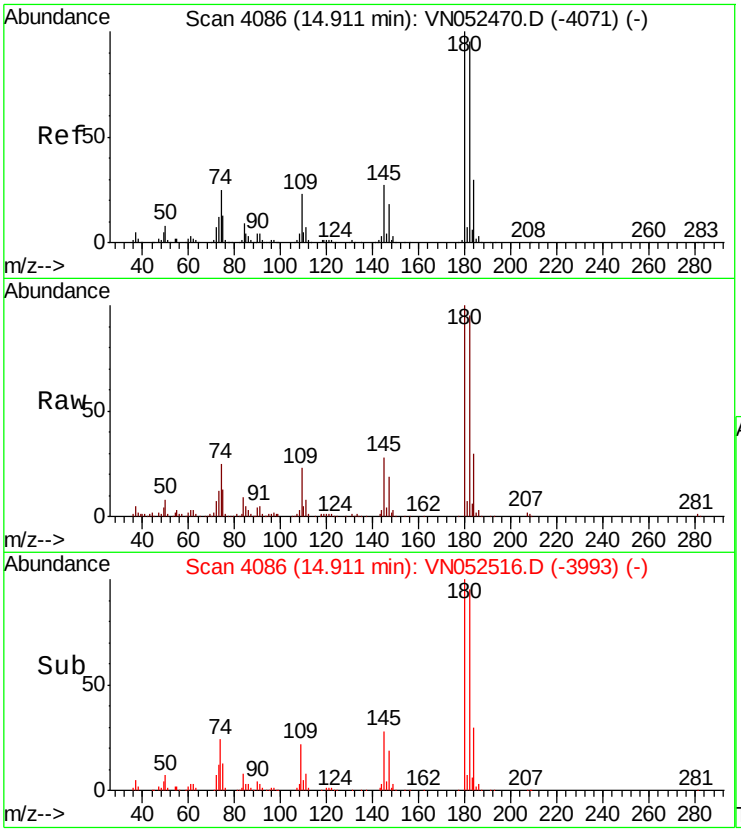


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.704 ug/l
RT: 14.27 min Scan# 3887
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 75 Resp: 29268

Ion	Ratio	Lower	Upper
75	100		
155	94.0	45.3	135.9
157	120.2	58.1	174.2

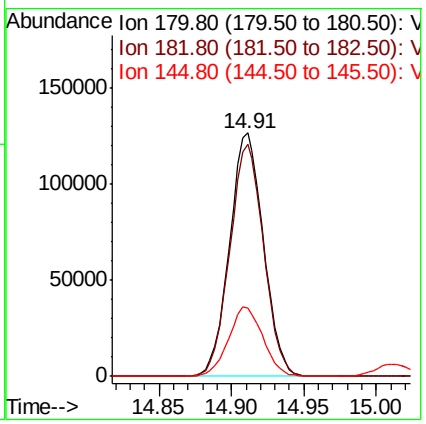




#93
1,2,4-Trichlorobenzene
Concen: 18.722 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

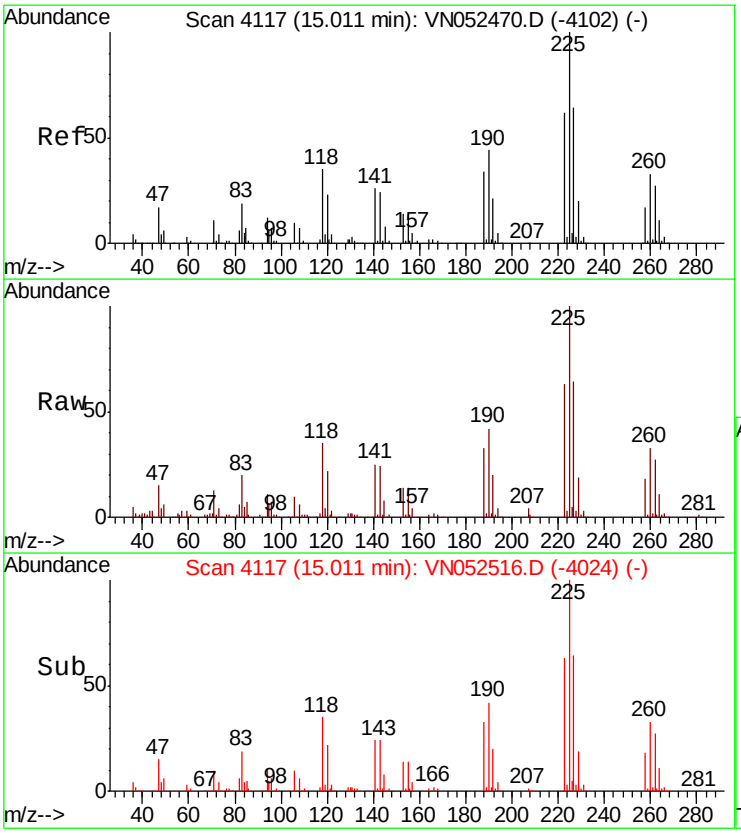
Tgt Ion:180 Resp: 205290

Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.8	143.4
145	29.2	14.1	42.3



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

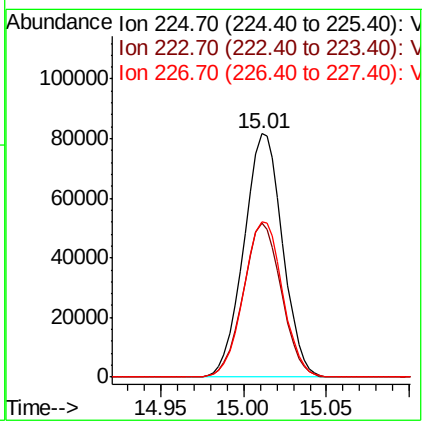
Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM

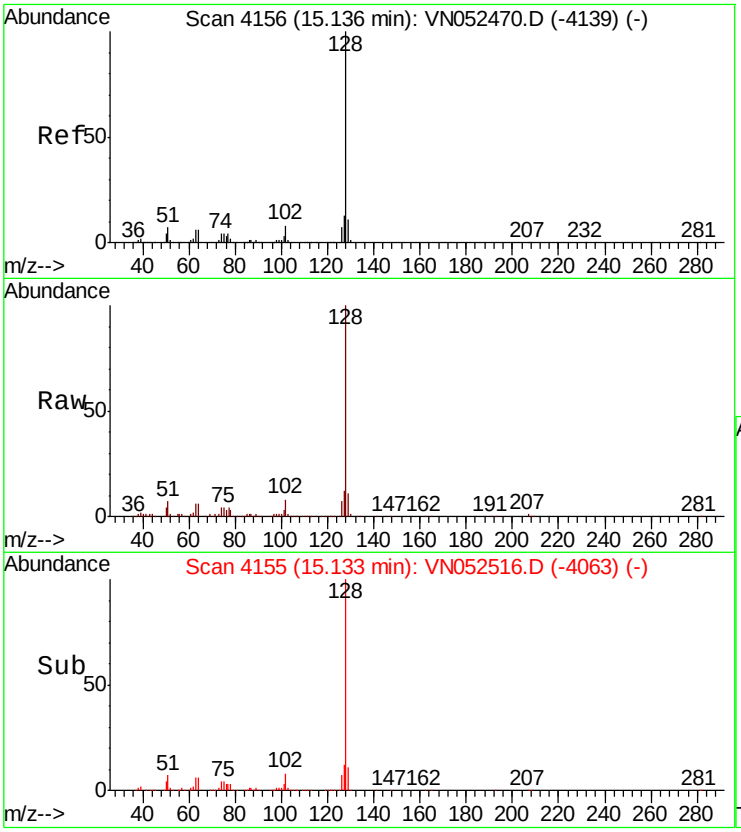


#94
Hexachlorobutadiene
Concen: 18.529 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion:225 Resp: 132606

Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.4	94.2
227	64.3	32.5	97.4

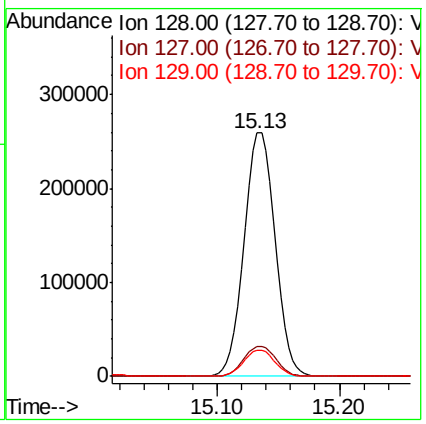




#95
Naphthalene
Concen: 19.780 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

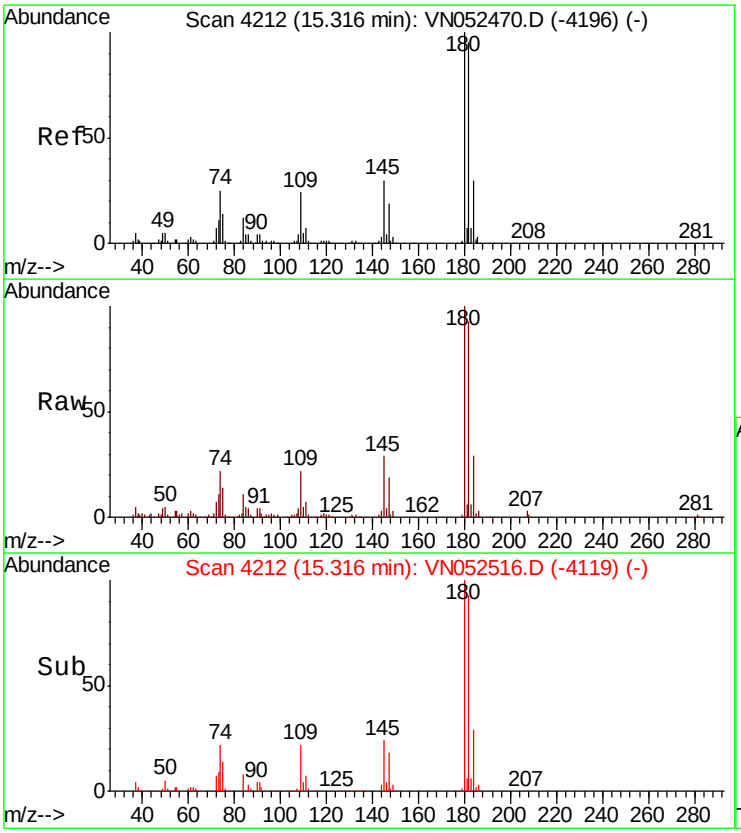
Tgt Ion:128 Resp: 453709

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.9	8.7	13.1



Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Manual Integrations APPROVED
MMDadoda
11/29/2018 9:34:18 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.917 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion:180 Resp: 191868

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.8	143.3
145	31.4	15.2	45.5