Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
Data File : VN052972.D
Acq On : 18 Dec 2018 20:11
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
12/19/2018 12:07:22 PM

Quant Time: Dec 19 04:44:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1186861	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1830313	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1652661	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	736512	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.03	65	633466	52.59 ug/l	0.00
Spiked Amount 50.000			Recovery	= 105.18%	
35) Dibromofluoromethane	7.59	113	453885	54.29 ug/l	0.00
Spiked Amount 50.000			Recovery	= 108.58%	
50) Toluene-d8	10.09	98	2383254	53.10 ug/l	0.00
Spiked Amount 50.000			Recovery	= 106.20%	
62) 4-Bromofluorobenzene	12.40	95	813530	51.63 ug/l	0.00
Spiked Amount 50.000			Recovery	= 103.26%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	593008	49.368 ug/l	99
3) Chloromethane	2.06	50	711816	48.902 ug/l	99
4) Vinyl Chloride	2.19	62	732071	49.660 ug/l	100
5) Bromomethane	2.57	94	470345	46.051 ug/l	99
6) Chloroethane	2.71	64	431370	49.408 ug/l	98
7) Trichlorofluoromethane	3.02	101	907222	49.401 ug/l	100
8) Diethyl Ether	3.41	74	349942	50.510 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.77	101	566976	48.422 ug/l	98
10) Methyl Iodide	3.96	142	866073	52.670 ug/l	99
11) Tert butyl alcohol	4.78	59	194871	265.166 ug/l	100
12) 1,1-Dichloroethene	3.74	96	556082	49.157 ug/l	98
13) Acrolein	3.61	56	229423	344.290 ug/l	100
14) Allyl chloride	4.33	41	920146	52.512 ug/l	95
15) Acrylonitrile	4.99	53	1037971	254.234 ug/l	100
16) Acetone	3.82	43	627890	265.883 ug/l	97
17) Carbon Disulfide	4.06	76	1672250	45.328 ug/l	99
18) Methyl Acetate	4.32	43	530401	49.496 ug/l	98
19) Methyl tert-butyl Ether	5.05	73	1551066	51.236 ug/l	99
20) Methylene Chloride	4.55	84	629341	48.855 ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	591312	48.651 ug/l	99
22) Diisopropyl ether	5.95	45	1924376	51.451 ug/l	97
23) Vinyl Acetate	5.90	43	5327838	247.723 ug/l	98
24) 1,1-Dichloroethane	5.85	63	1112120	50.039 ug/l	99
25) 2-Butanone	6.83	43	1070662	270.149 ug/l	96
26) 2,2-Dichloropropane	6.83	77	777966	45.854 ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	685763	49.838 ug/l	98
28) Bromochloromethane	7.20	49	501096	52.031 ug/l	95
29) Tetrahydrofuran	7.21	42	770936	260.451 ug/l	99
30) Chloroform	7.37	83	1077946	49.372 ug/l	99
31) Cyclohexane	7.66	56	1046868	50.227 ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	920473	49.491 ug/l	99
36) 1,1-Dichloropropene	7.80	75	847421	48.237 ug/l	100
37) Ethyl Acetate	6.93	43	514108	52.421 ug/l	99
38) Carbon Tetrachloride	7.78	117	793526	49.280 ug/l	100

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Data File : VN052972.D
Acq On : 18 Dec 2018 20:11
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
12/19/2018 12:07:22 PM

Quant Time: Dec 19 04:44:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1034933	48.494 ug/l	97
40) Benzene	8.04	78	2583874	49.447 ug/l	99
41) Methacrylonitrile	7.17	41	306770	54.137 ug/l	94
42) 1,2-Dichloroethane	8.13	62	760306	49.252 ug/l	99
43) Isopropyl Acetate	8.16	43	979968	51.670 ug/l	99
44) Trichloroethene	8.84	130	734173	48.575 ug/l	97
45) 1,2-Dichloropropane	9.12	63	683478	50.215 ug/l	100
46) Dibromomethane	9.21	93	391220	49.341 ug/l	98
47) Bromodichloromethane	9.40	83	823599	48.866 ug/l	100
48) Methyl methacrylate	9.20	41	488537	51.335 ug/l	99
49) 1,4-Dioxane	9.20	88	118608	985.269 ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	2540249	267.464 ug/l	99
52) Toluene	10.16	92	1631325	50.366 ug/l	100
53) t-1,3-Dichloropropene	10.38	75	871394	49.167 ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1009819	49.639 ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	570417	50.481 ug/l	98
56) Ethyl methacrylate	10.43	69	788583	52.727 ug/l	97
57) 1,3-Dichloropropane	10.71	76	976629	50.402 ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	2127771	259.142 ug/l	98
59) 2-Hexanone	10.75	43	1723017	268.138 ug/l	99
60) Dibromochloromethane	10.90	129	639115	49.412 ug/l	100
61) 1,2-Dibromoethane	11.01	107	579875	50.530 ug/l	99
64) Tetrachloroethene	10.63	164	842328	47.052 ug/l	99
65) Chlorobenzene	11.43	112	1796221	49.030 ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	631482	49.568 ug/l	100
67) Ethyl Benzene	11.51	91	3128683	49.660 ug/l	100
68) m/p-Xylenes	11.62	106	2343036	97.827 ug/l	100
69) o-Xylene	11.95	106	1144835	49.813 ug/l	100
70) Styrene	11.96	104	1878197	50.118 ug/l	99
71) Bromoform	12.13	173	445461	48.402 ug/l #	100
73) Isopropylbenzene	12.25	105	3033030	52.633 ug/l	100
74) N-amyl acetate	12.07	43	891330	55.712 ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	614432	54.349 ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	568287m	45.835 ug/l	
77) Bromobenzene	12.53	156	774948	51.734 ug/l	98
78) n-propylbenzene	12.59	91	3400027	51.806 ug/l	100
79) 2-Chlorotoluene	12.68	91	1980329	48.680 ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	2344757	49.920 ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	205161	53.334 ug/l	95
82) 4-Chlorotoluene	12.77	91	2020478	50.737 ug/l	100
83) tert-Butylbenzene	12.99	119	2076300	49.982 ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2347141	49.709 ug/l	99
85) sec-Butylbenzene	13.17	105	2759877	49.119 ug/l	99
86) p-Isopropyltoluene	13.29	119	2379415	49.009 ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1284919	48.466 ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1264987	47.116 ug/l	100
89) n-Butylbenzene	13.62	91	1929938	46.205 ug/l	100
90) Hexachloroethane	13.88	117	370206	49.689 ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1185405	47.508 ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	91498	46.808 ug/l	97

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Data File : VN052972.D
Acq On : 18 Dec 2018 20:11
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
12/19/2018 12:07:22 PM

Quant Time: Dec 19 04:44:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	631663	47.809	ug/l	100
94) Hexachlorobutadiene	15.01	225	332105	48.430	ug/l	99
95) Naphthalene	15.13	128	1406541	48.605	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	571518	48.030	ug/l	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
Data File : VN052972.D
Acq On : 18 Dec 2018 20:11
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
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Quant Time: Dec 19 04:44:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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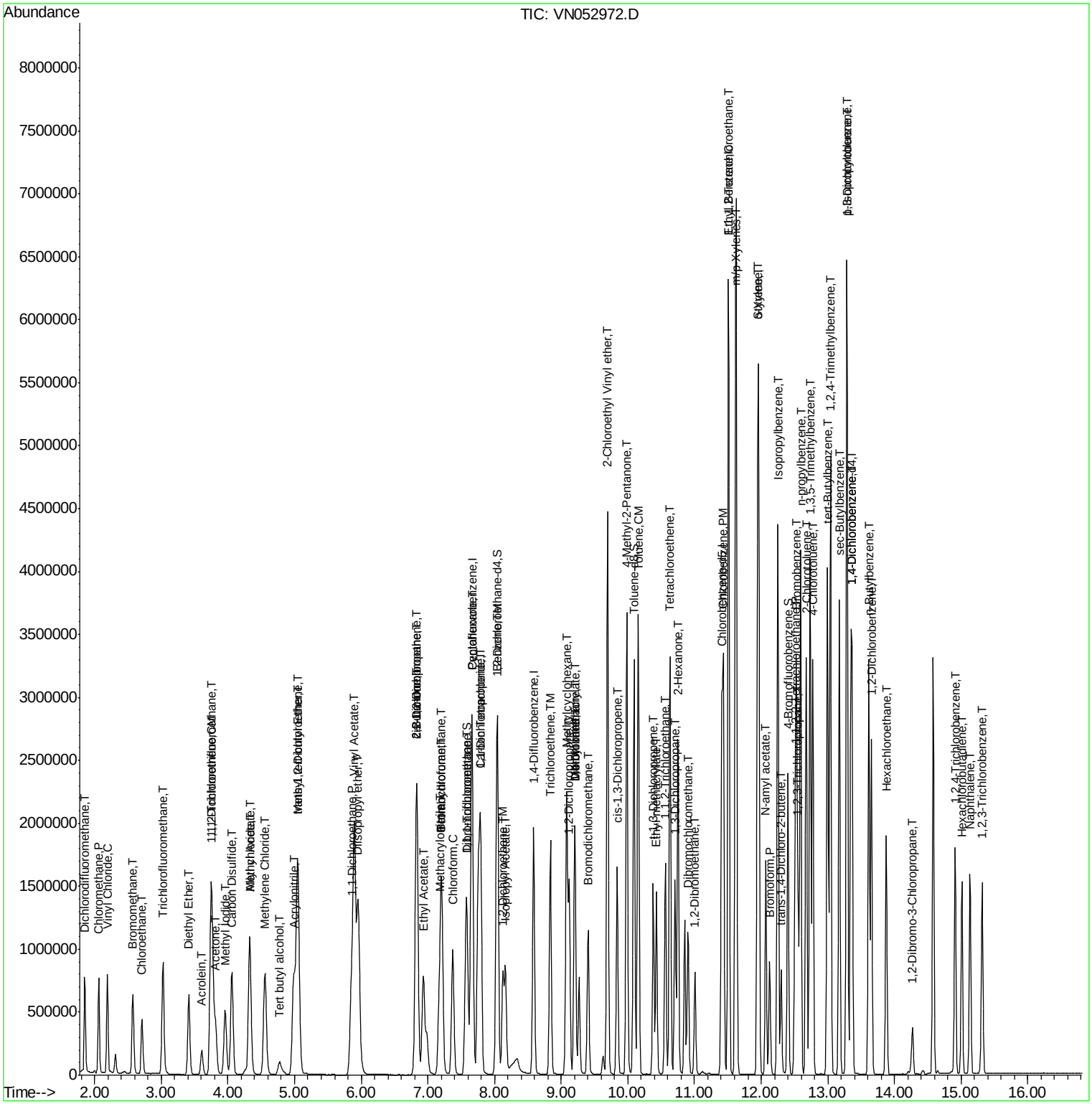
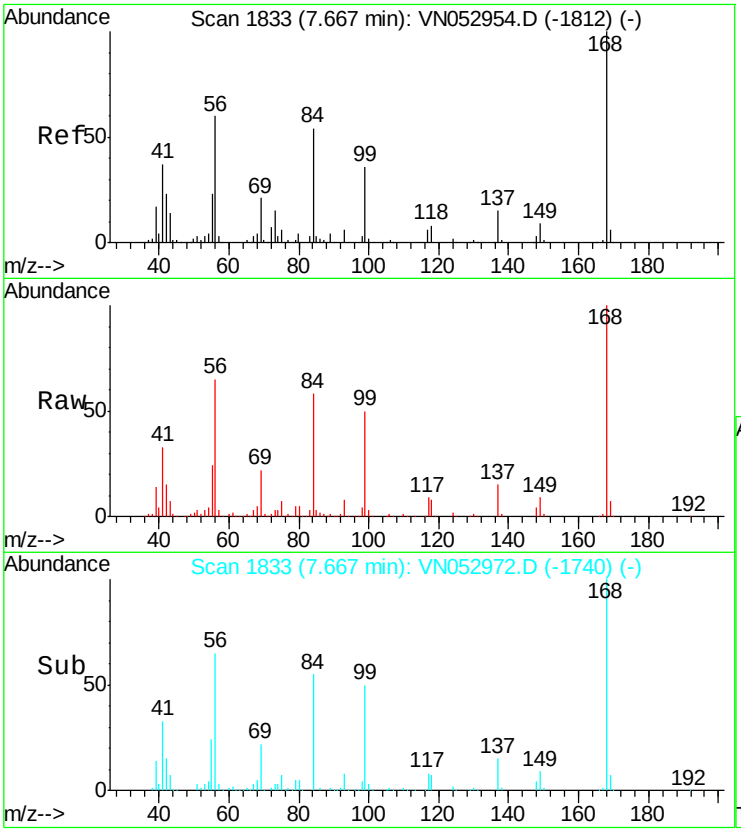
12/19/2018 12:07:22 PM





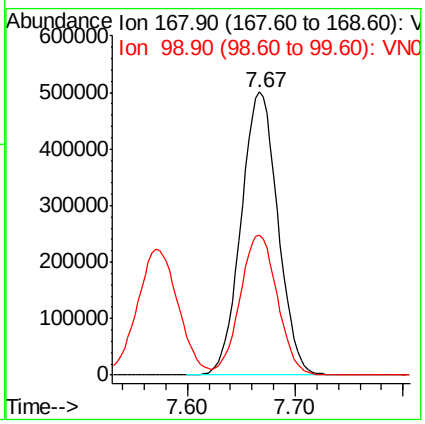
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

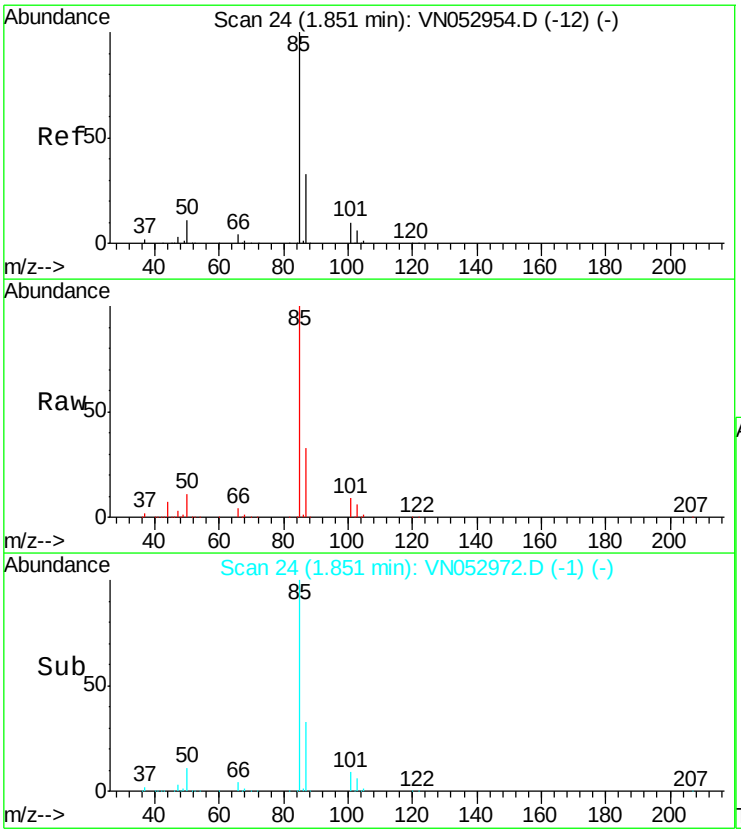
Tgt Ion:168 Resp: 1186861

Ion	Ratio	Lower	Upper
168	100		
99	49.6	40.2	60.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
12/19/2018 12:07:22 PM

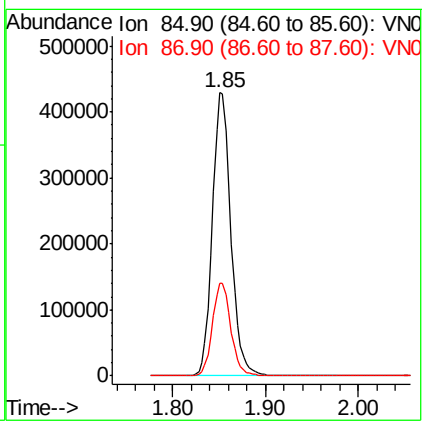


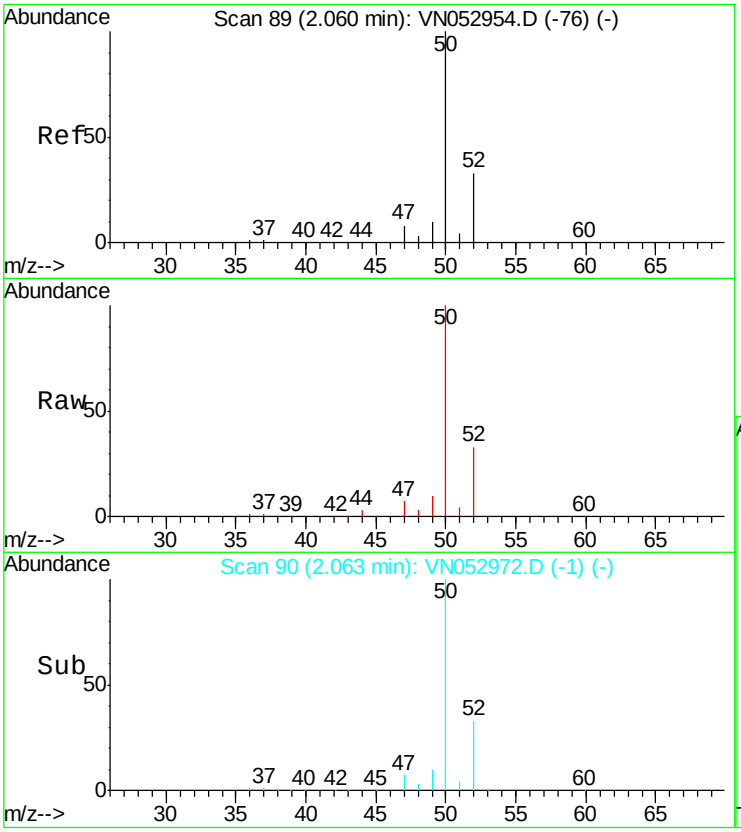


#2
Dichlorodifluoromethane
Concen: 49.368 ug/l
RT: 1.85 min Scan# 24
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 85 Resp: 593008

Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.3	48.8





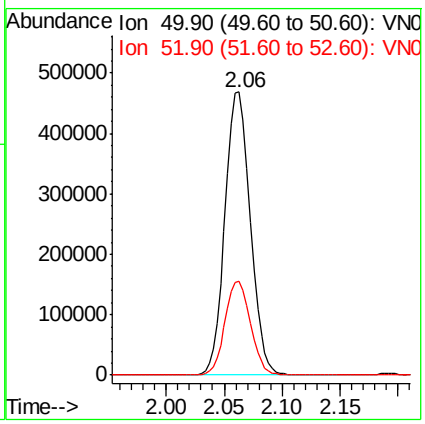
#3
Chloromethane
Concen: 48.902 ug/l
RT: 2.06 min Scan# 90
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

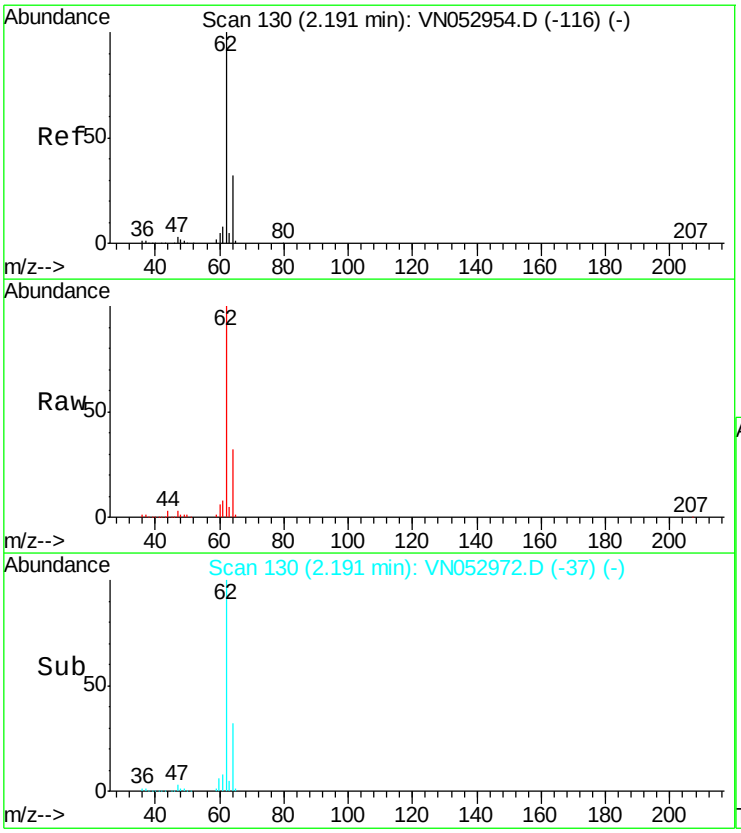
Tgt Ion: 50 Resp: 711816

Ion	Ratio	Lower	Upper
50	100		
52	33.2	26.2	39.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
12/19/2018 12:07:22 PM

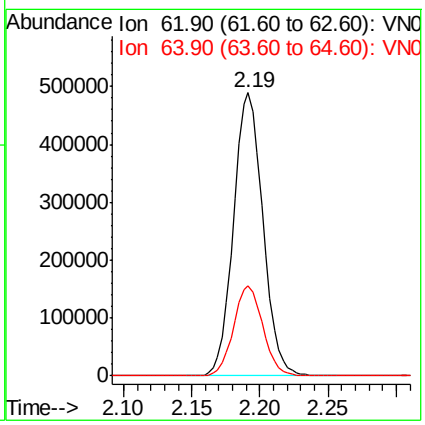


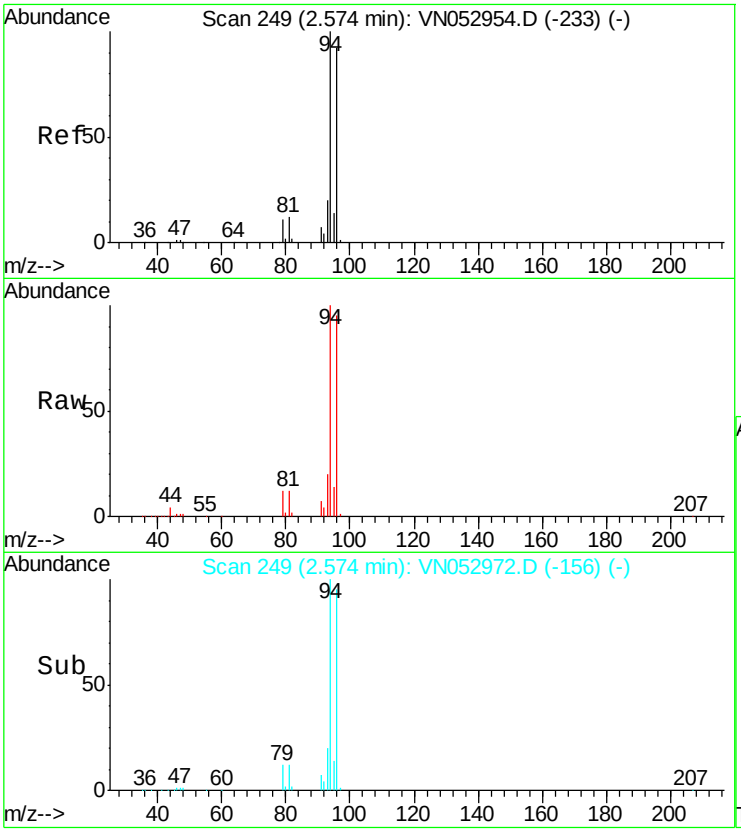


#4
Vinyl Chloride
Concen: 49.660 ug/l
RT: 2.19 min Scan# 130
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 62 Resp: 732071

Ion	Ratio	Lower	Upper
62	100		
64	32.0	25.5	38.3





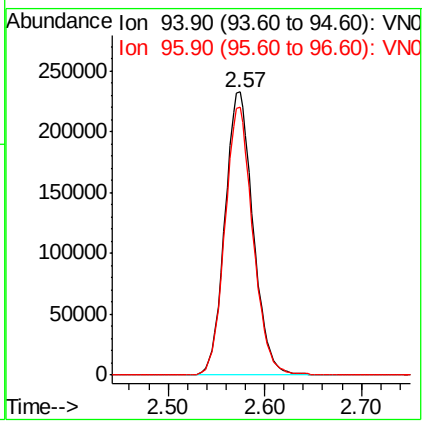
#5
Bromomethane
Concen: 46.051 ug/l
RT: 2.57 min Scan# 249
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

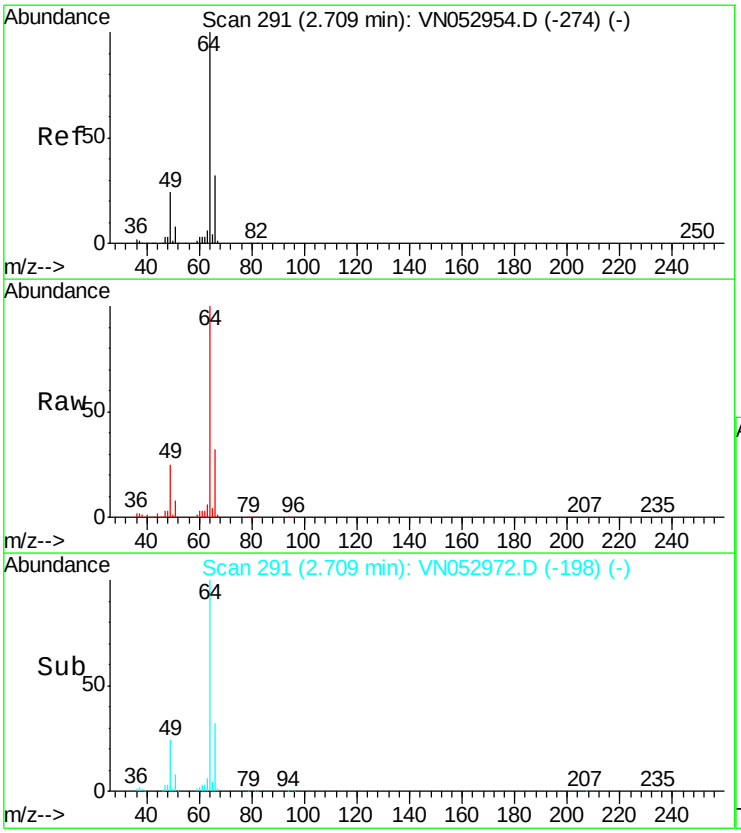
Tgt Ion: 94 Resp: 470345

Ion	Ratio	Lower	Upper
94	100		
96	94.7	75.0	112.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
12/19/2018 12:07:22 PM

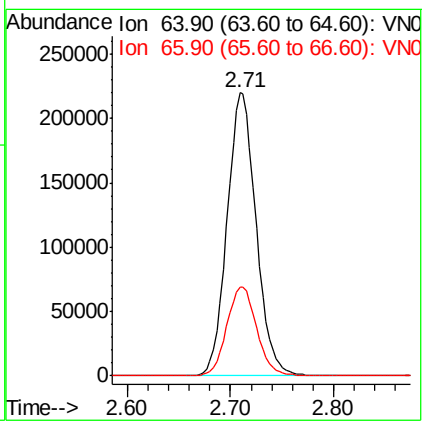


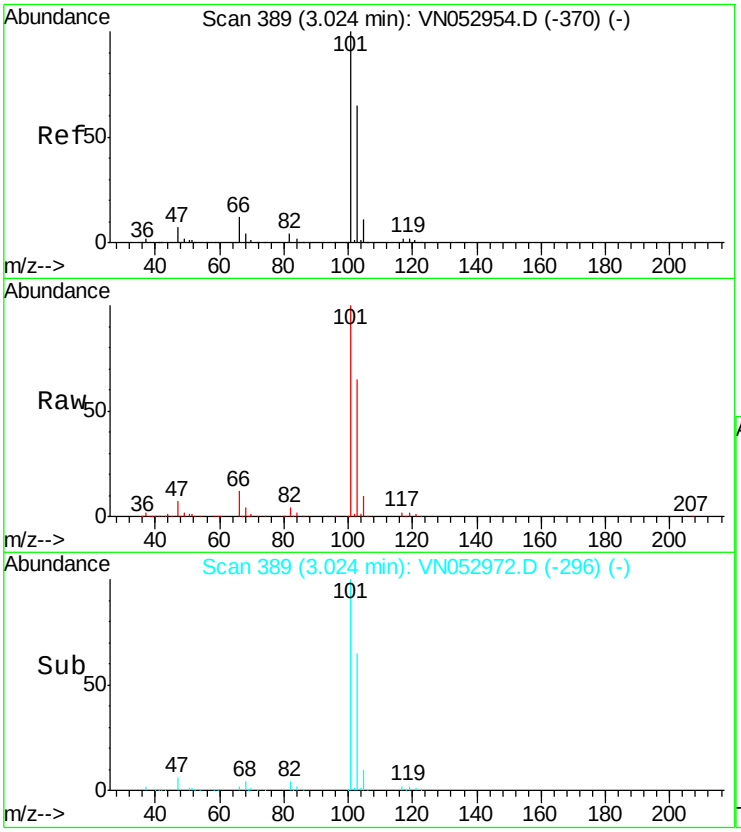


#6
Chloroethane
Concen: 49.408 ug/l
RT: 2.71 min Scan# 291
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 64 Resp: 431370

Ion	Ratio	Lower	Upper
64	100		
66	31.5	26.2	39.2





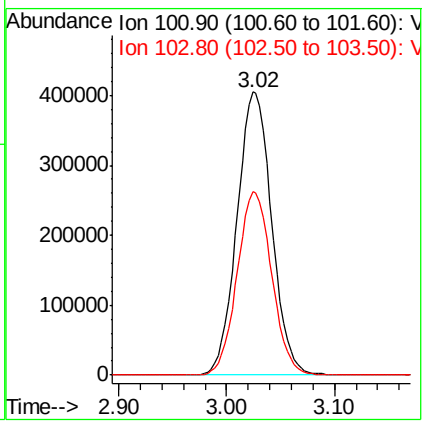
#7
Trichlorofluoromethane
Concen: 49.401 ug/l
RT: 3.02 min Scan# 389
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

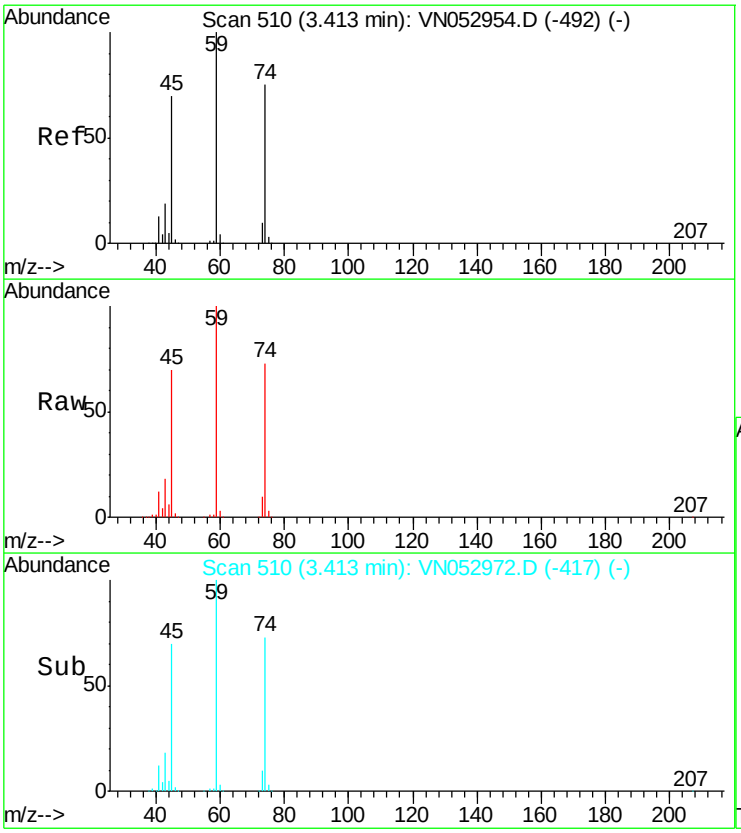
Tgt Ion:101 Resp: 907222

Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.8	77.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
12/19/2018 12:07:22 PM

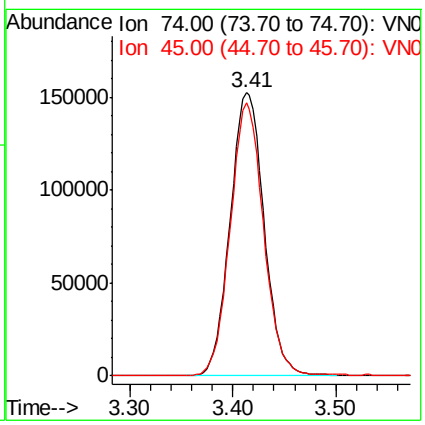


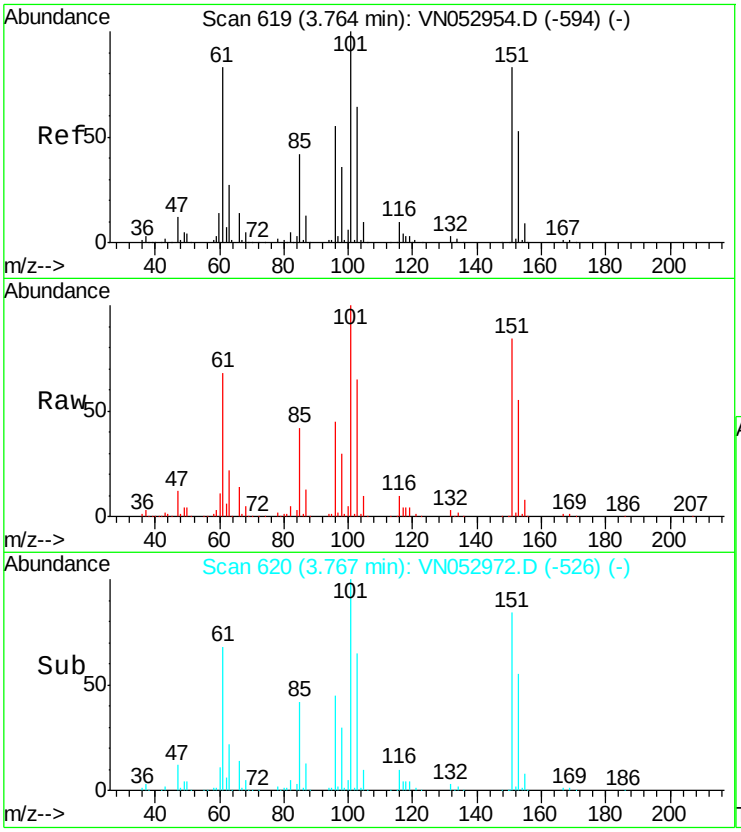


#8
Diethyl Ether
Concen: 50.510 ug/l
RT: 3.41 min Scan# 510
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 74 Resp: 349942

Ion	Ratio	Lower	Upper
74	100		
45	94.1	49.4	148.0





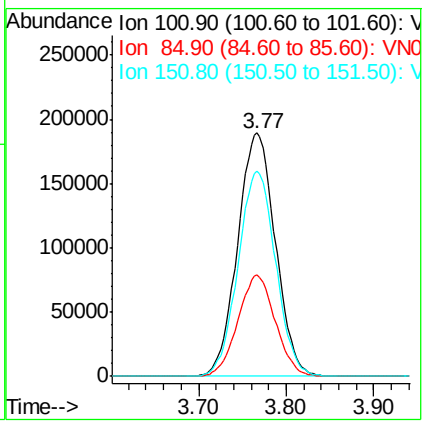
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.422 ug/l
RT: 3.77 min Scan# 620
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

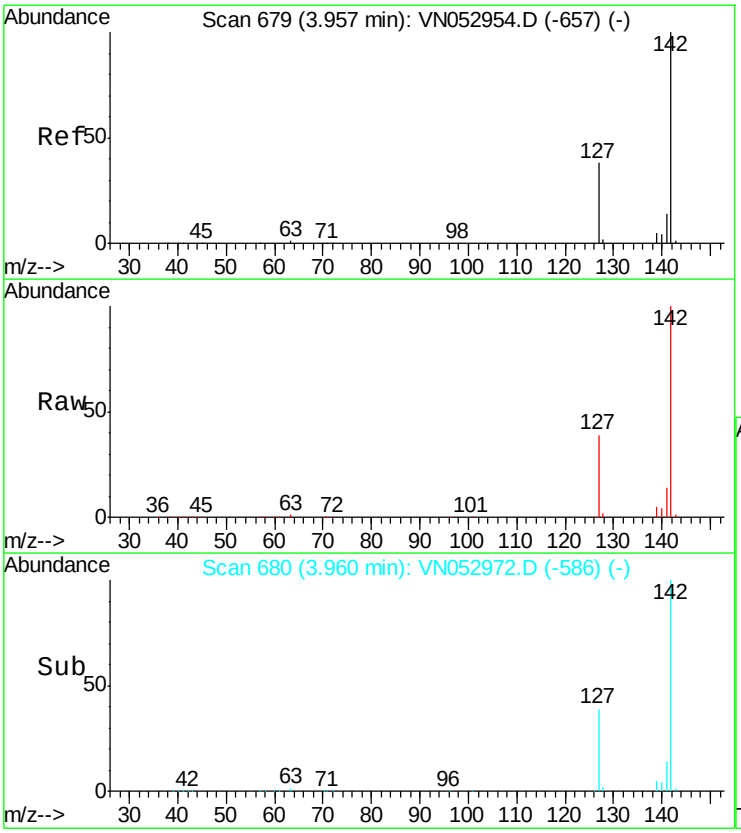
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
12/19/2018 12:07:22 PM

Tgt Ion:101 Resp: 566976

Ion	Ratio	Lower	Upper
101	100		
85	41.2	33.6	50.4
151	84.0	65.5	98.3

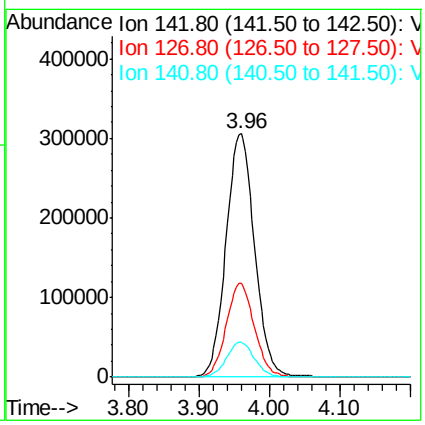


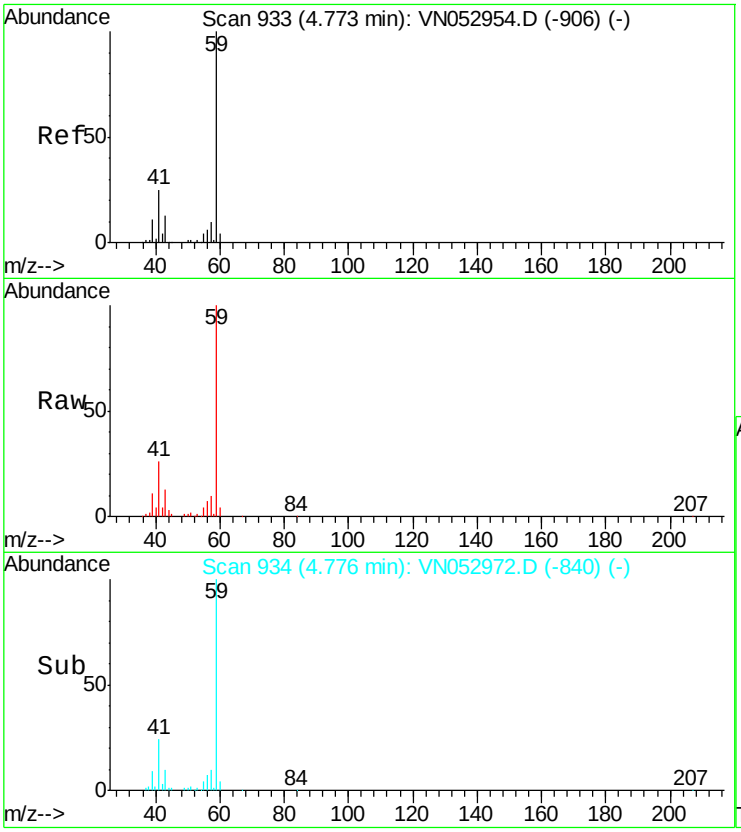


#10
Methyl Iodide
Concen: 52.670 ug/l
RT: 3.96 min Scan# 680
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion:142 Resp: 866073

Ion	Ratio	Lower	Upper
142	100		
127	38.1	31.0	46.6
141	13.9	11.2	16.8





#11
Tert butyl alcohol
Concen: 265.166 ug/l
RT: 4.78 min Scan# 934
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 59 Resp: 194871

Ion	Ratio	Lower	Upper
59	100		
57	9.7	7.7	11.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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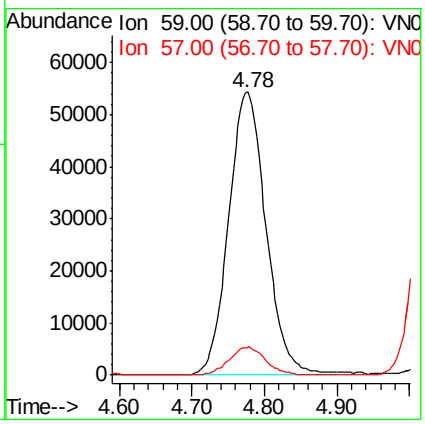
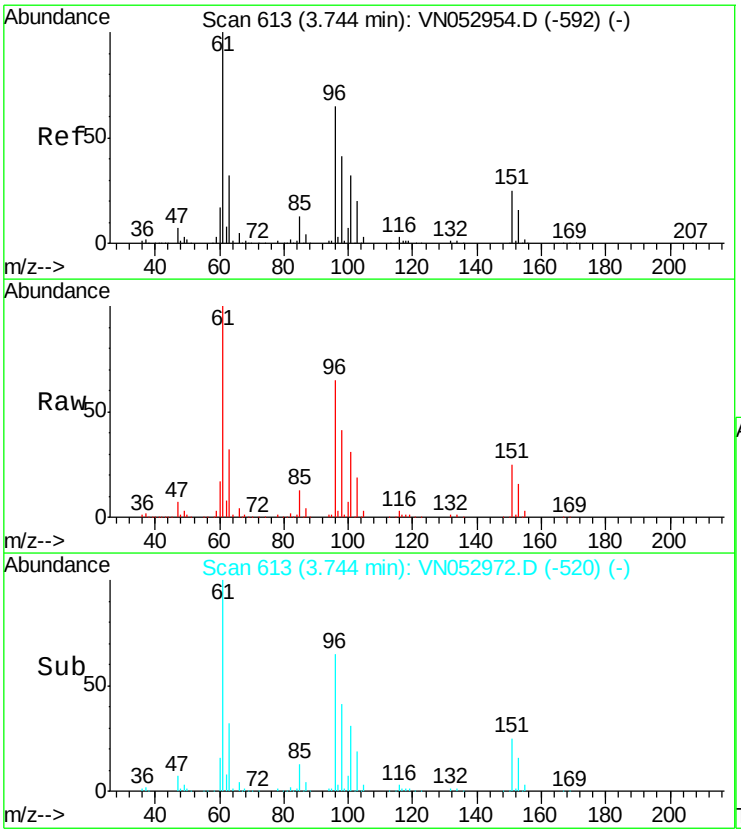
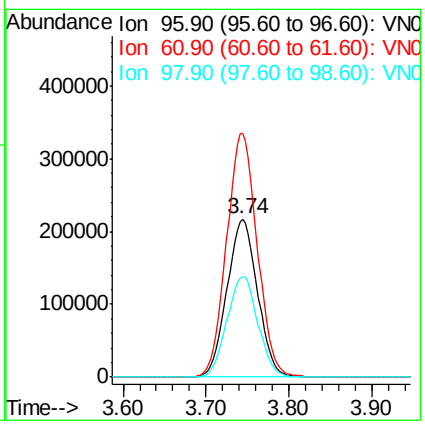


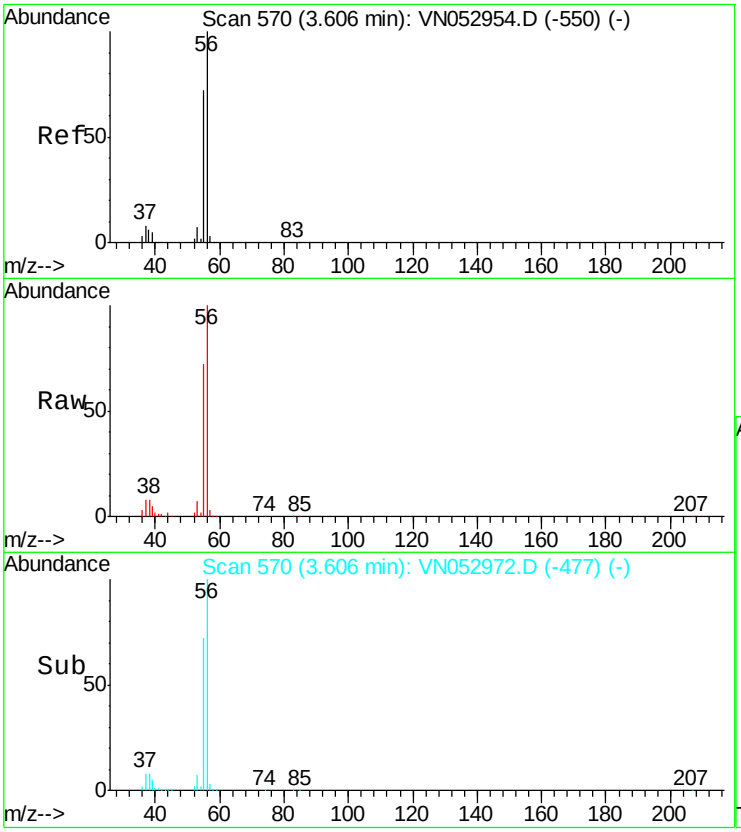


#12
1,1-Dichloroethene
Concen: 49.157 ug/l
RT: 3.74 min Scan# 613
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 96 Resp: 556082

Ion	Ratio	Lower	Upper
96	100		
61	154.0	125.6	188.4
98	63.6	50.6	75.8





#13
Acrolein
Concen: 344.290 ug/l
RT: 3.61 min Scan# 570
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 56 Resp: 229423

Ion	Ratio	Lower	Upper
56	100		
55	70.4	56.6	85.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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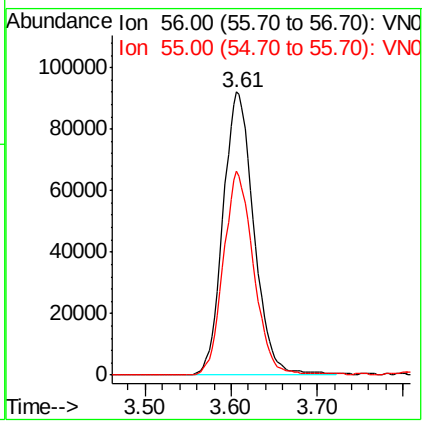
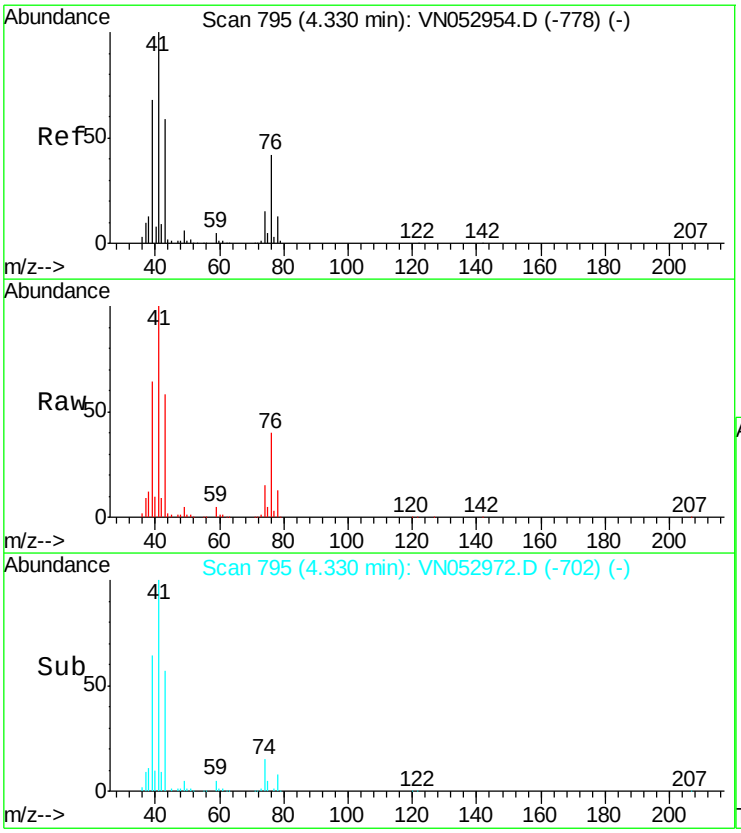
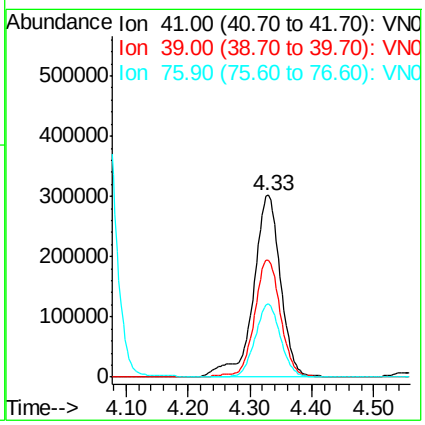


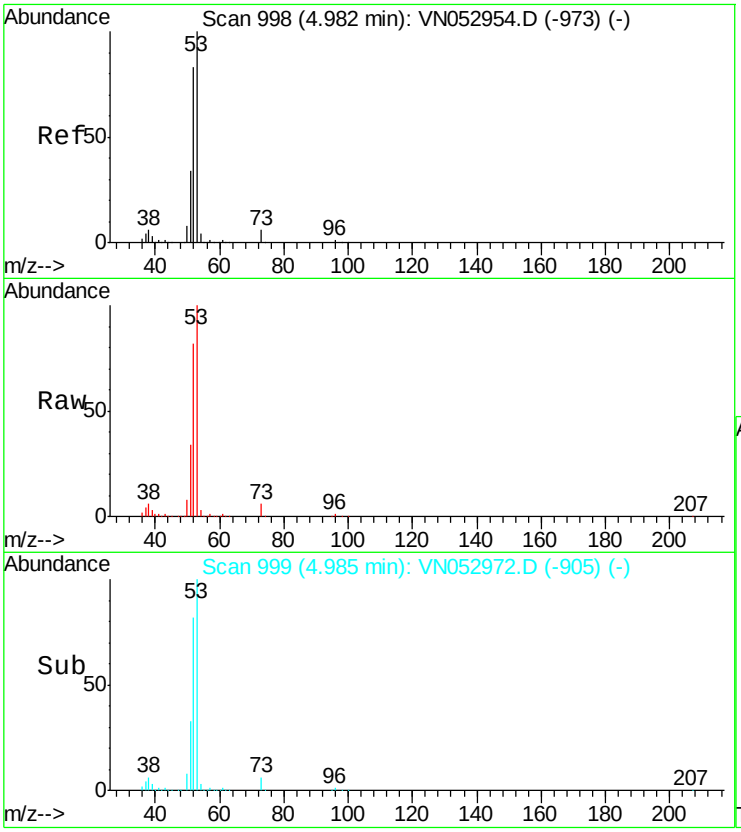


#14
Allyl chloride
Concen: 52.512 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 41 Resp: 920146

Ion	Ratio	Lower	Upper
41	100		
39	62.1	54.1	81.1
76	36.9	30.3	45.5





#15
Acrylonitrile
Concen: 254.234 ug/l
RT: 4.99 min Scan# 999
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 53 Resp: 1037971

Ion	Ratio	Lower	Upper
53	100		
52	81.2	65.1	97.7
51	35.0	28.1	42.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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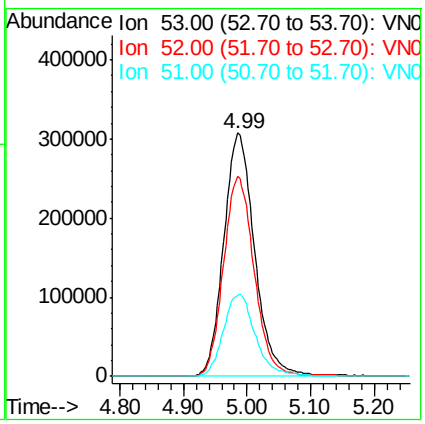
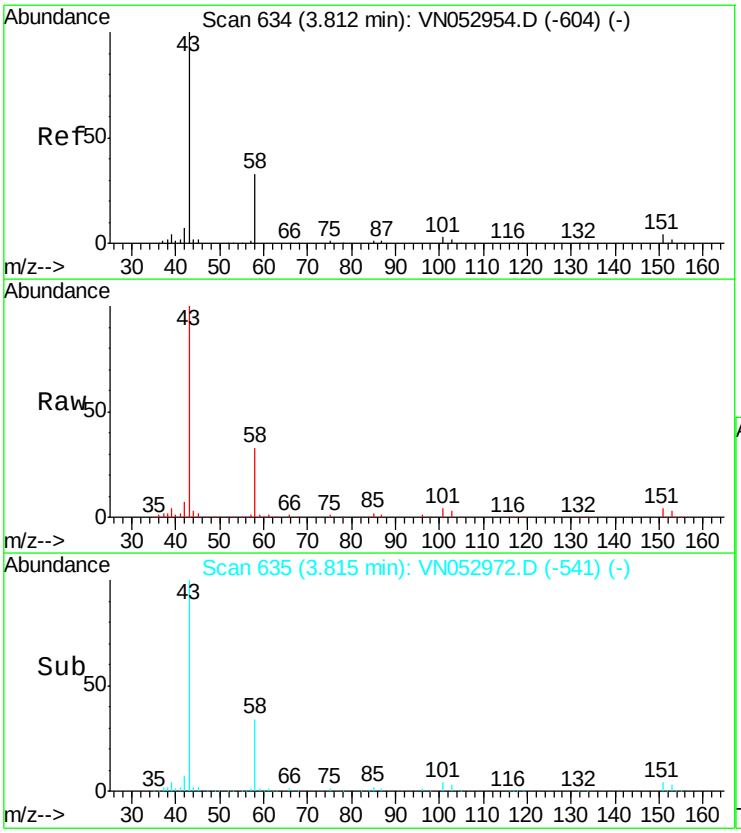
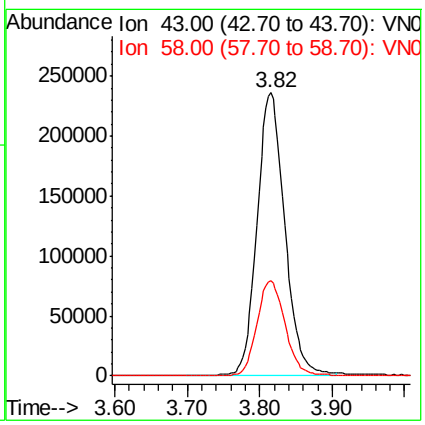


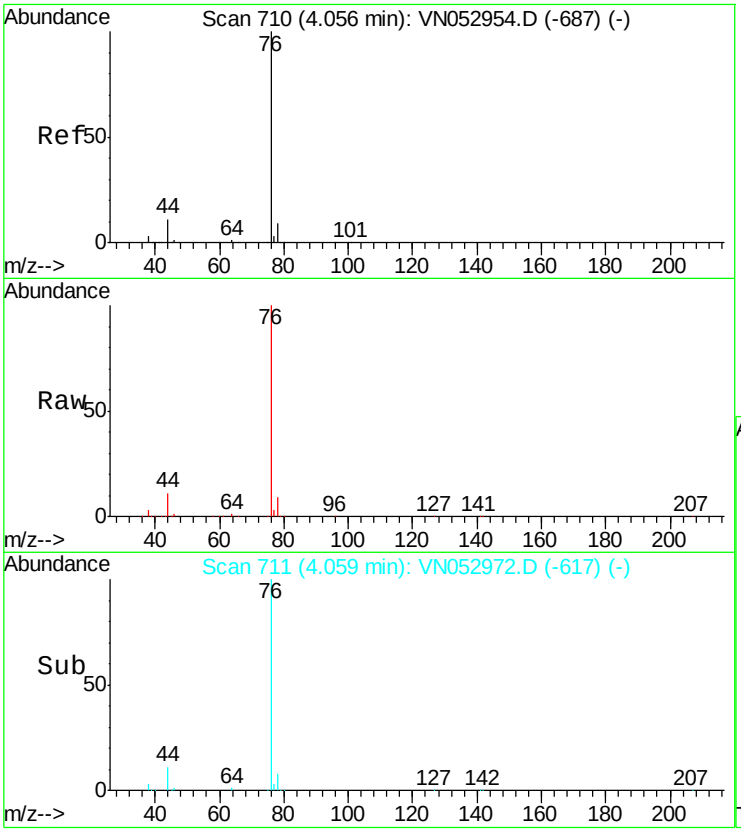


#16
Acetone
Concen: 265.883 ug/l
RT: 3.82 min Scan# 635
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 43 Resp: 627890

Ion	Ratio	Lower	Upper
43	100		
58	33.3	25.4	38.0





#17
Carbon Disulfide
Concen: 45.328 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 76 Resp: 1672250

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.1	10.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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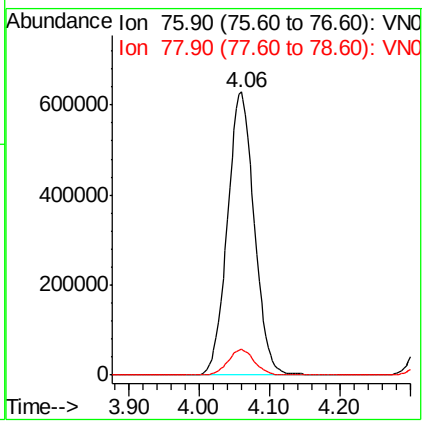
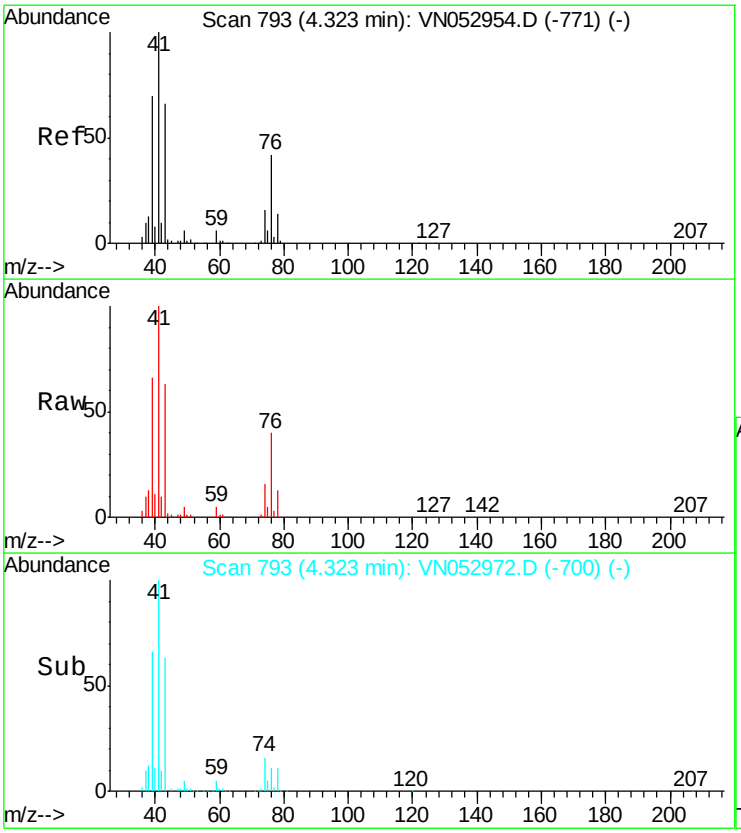
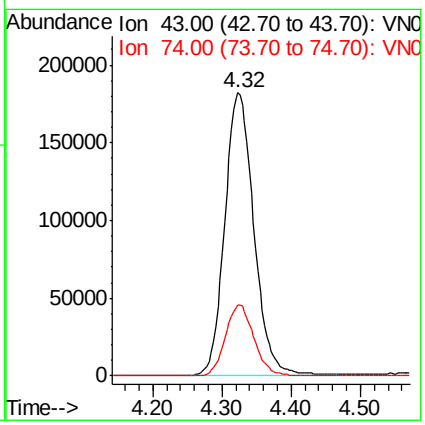


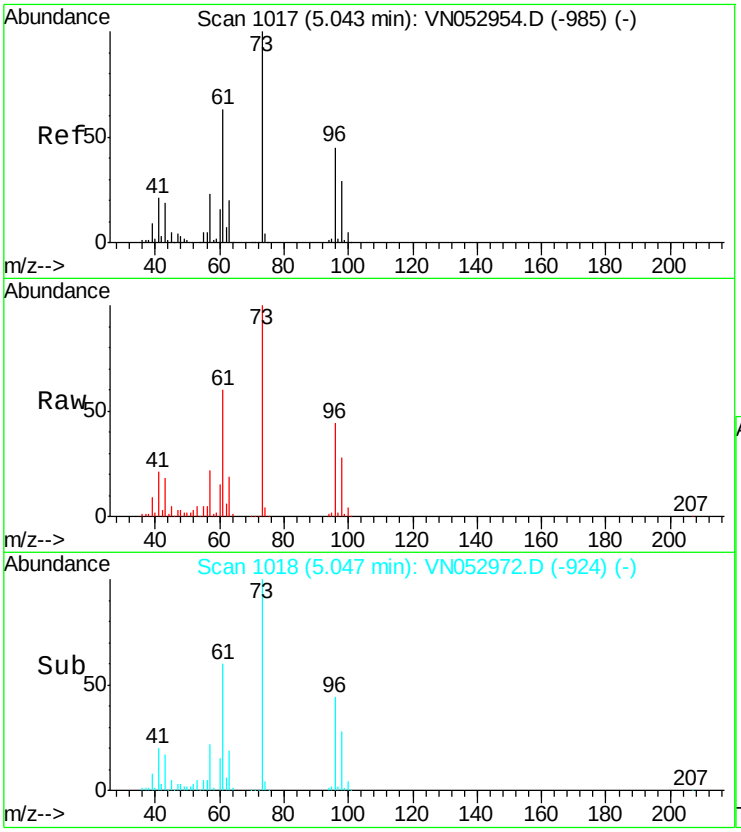


#18
Methyl Acetate
Concen: 49.496 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 43 Resp: 530401

Ion	Ratio	Lower	Upper
43	100		
74	24.7	19.2	28.8





#19
Methyl tert-butyl Ether
Concen: 51.236 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 73 Resp: 1551066

Ion	Ratio	Lower	Upper
73	100		
57	22.5	18.4	27.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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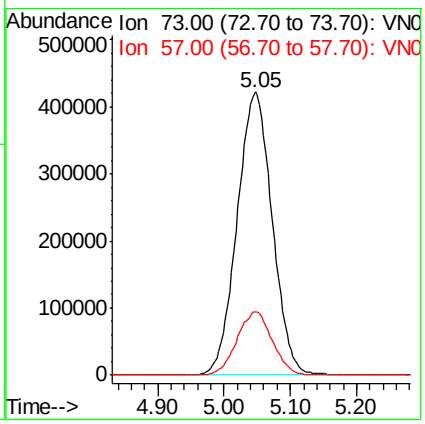
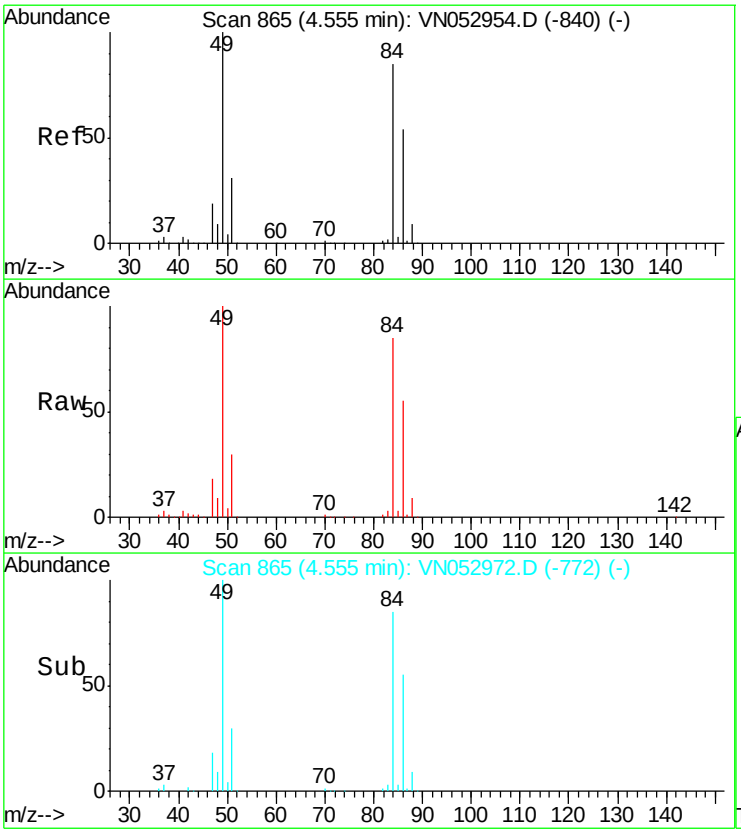
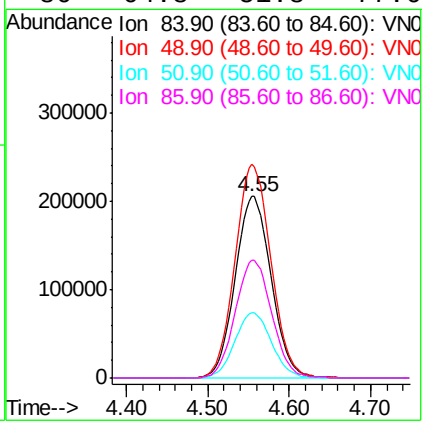


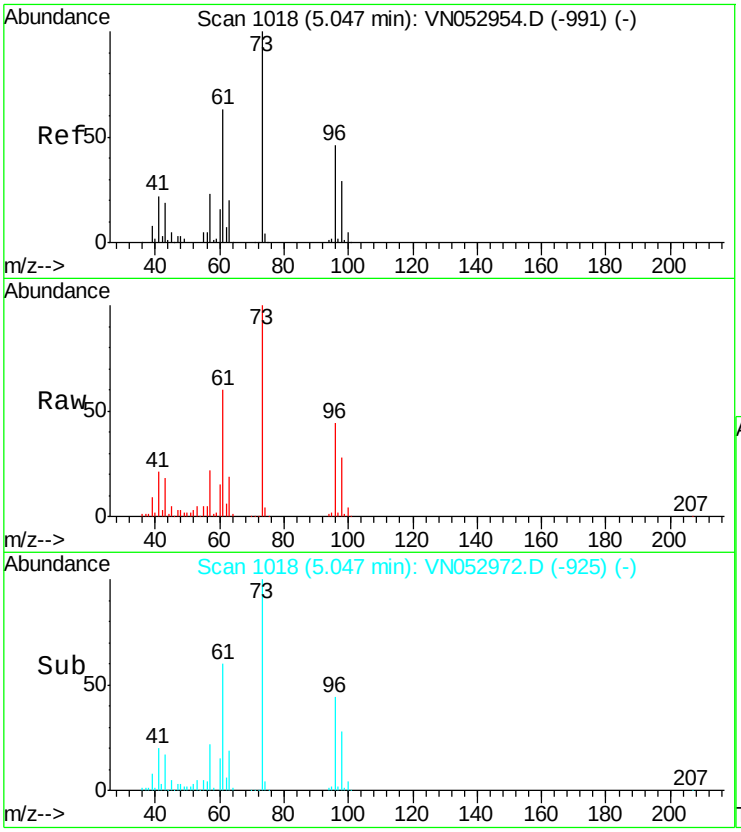


#20
Methylene Chloride
Concen: 48.855 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 84 Resp: 629341

Ion	Ratio	Lower	Upper
84	100		
49	117.6	96.8	145.2
51	35.8	29.9	44.9
86	64.8	51.8	77.6





#21
trans-1,2-Dichloroethene
Concen: 48.651 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 96 Resp: 591312

Ion	Ratio	Lower	Upper
96	100		
61	136.8	110.8	166.2
98	63.4	51.4	77.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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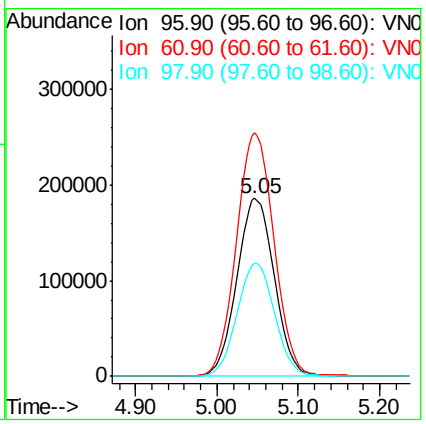
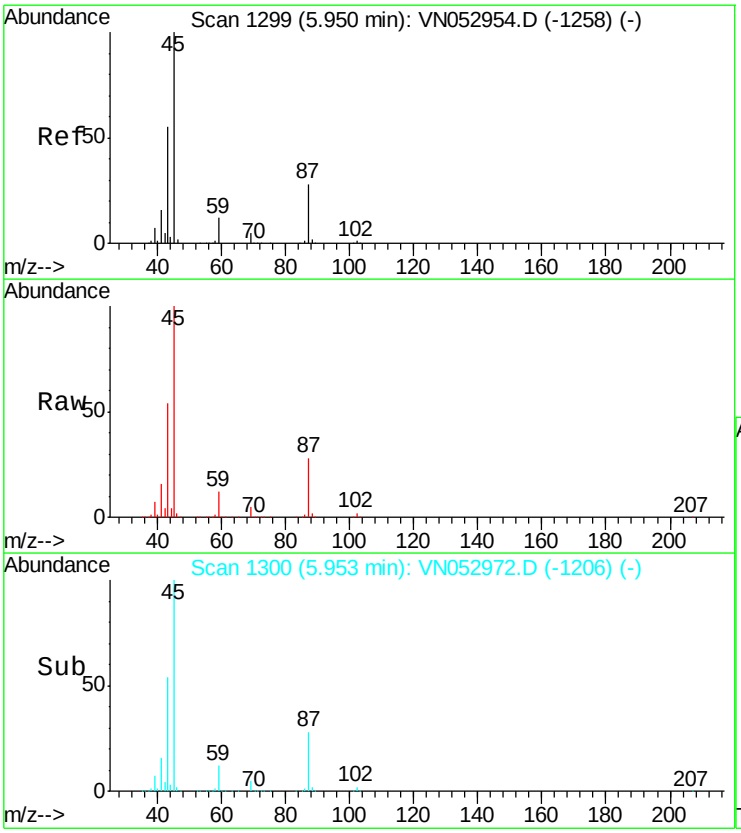
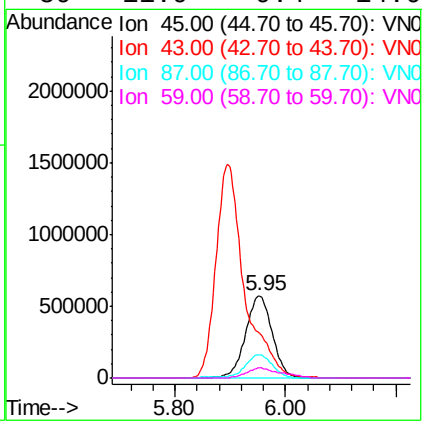


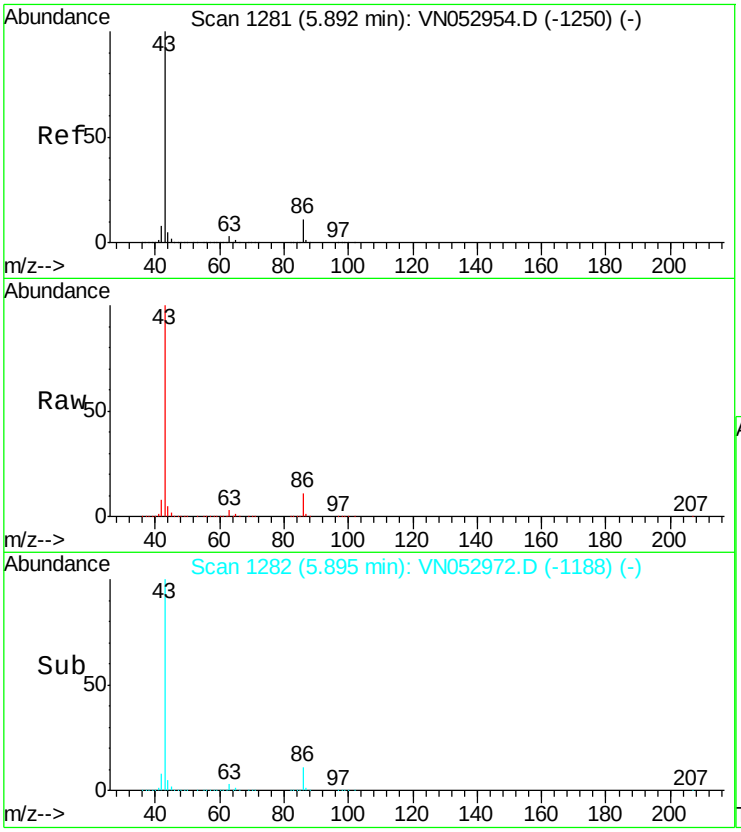


#22
Diisopropyl ether
Concen: 51.451 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 45 Resp: 1924376

Ion	Ratio	Lower	Upper
45	100		
43	53.8	45.5	68.3
87	28.4	22.0	33.0
59	11.9	9.4	14.0





#23
Vinyl Acetate
Concen: 247.723 ug/l
RT: 5.90 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 43 Resp: 5327838

Ion	Ratio	Lower	Upper
43	100		
86	10.8	8.1	12.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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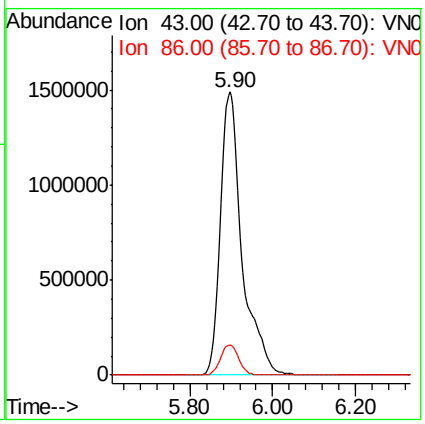
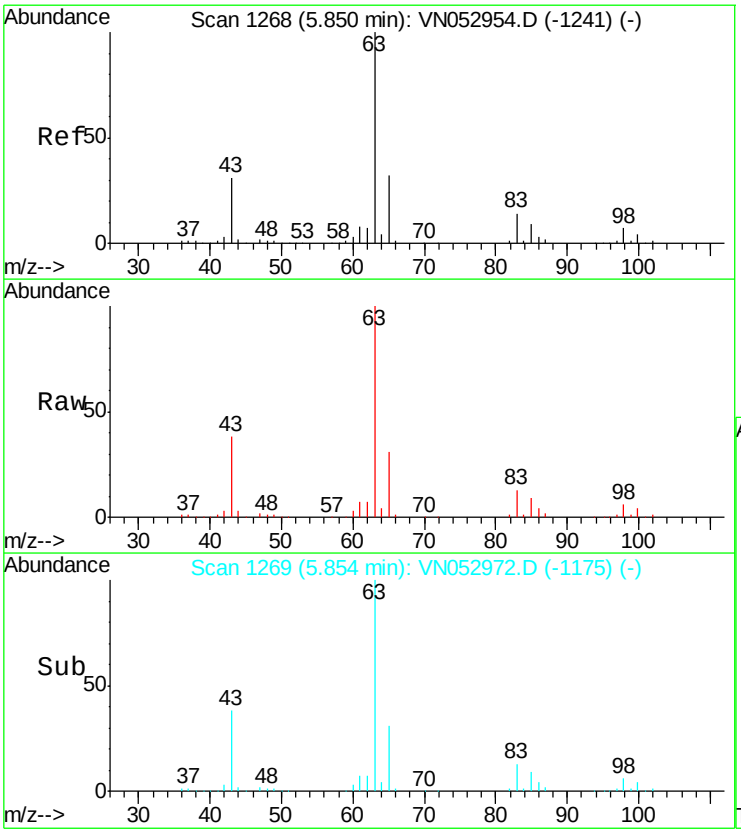
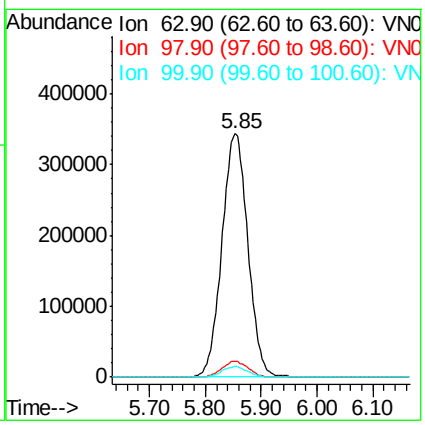


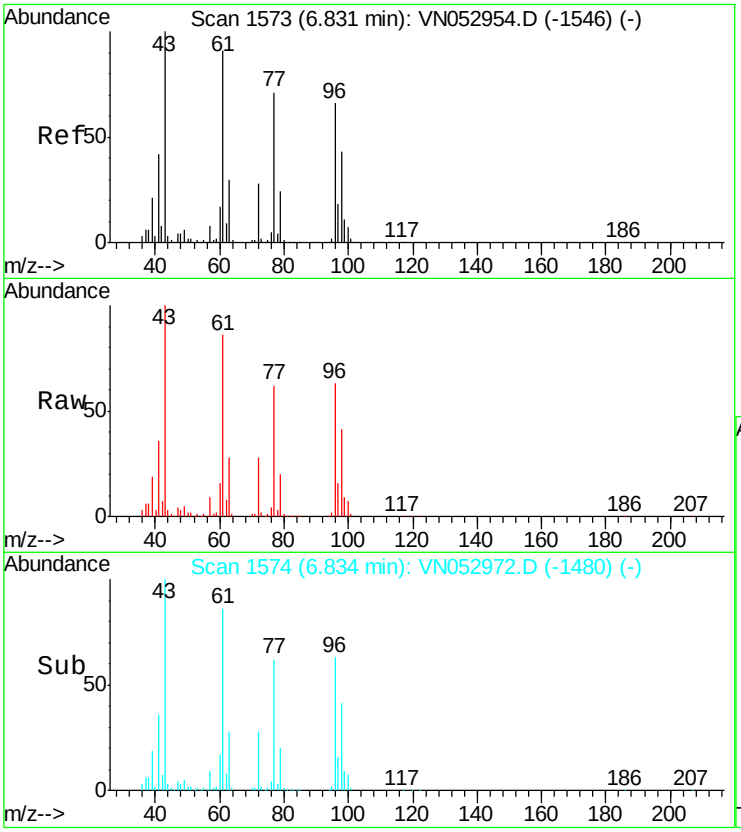


#24
1,1-Dichloroethane
Concen: 50.039 ug/l
RT: 5.85 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 63 Resp: 1112120

Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.1	9.4
100	4.2	2.0	5.8





#25
2-Butanone
Concen: 270.149 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 43 Resp: 1070662

Ion	Ratio	Lower	Upper
43	100		
72	28.3	21.0	31.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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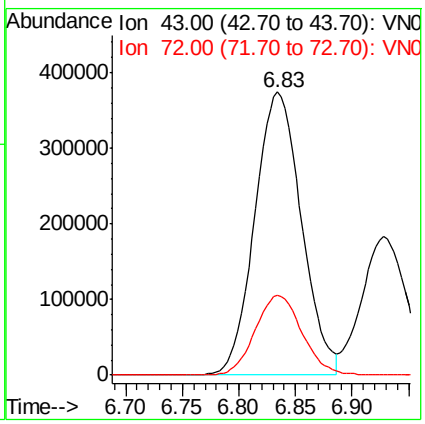
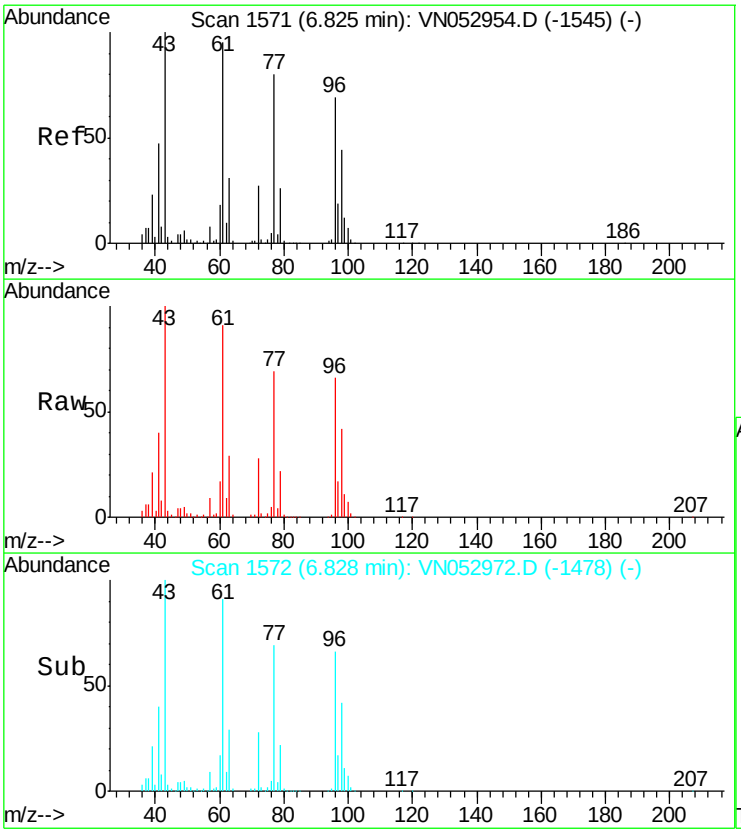
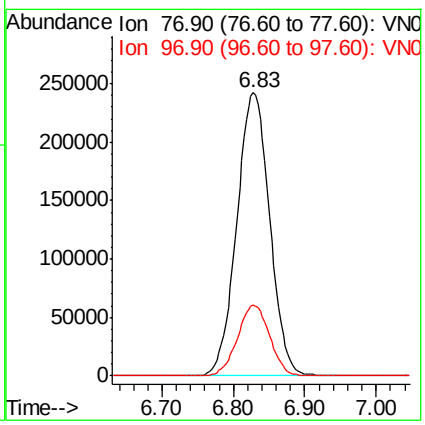


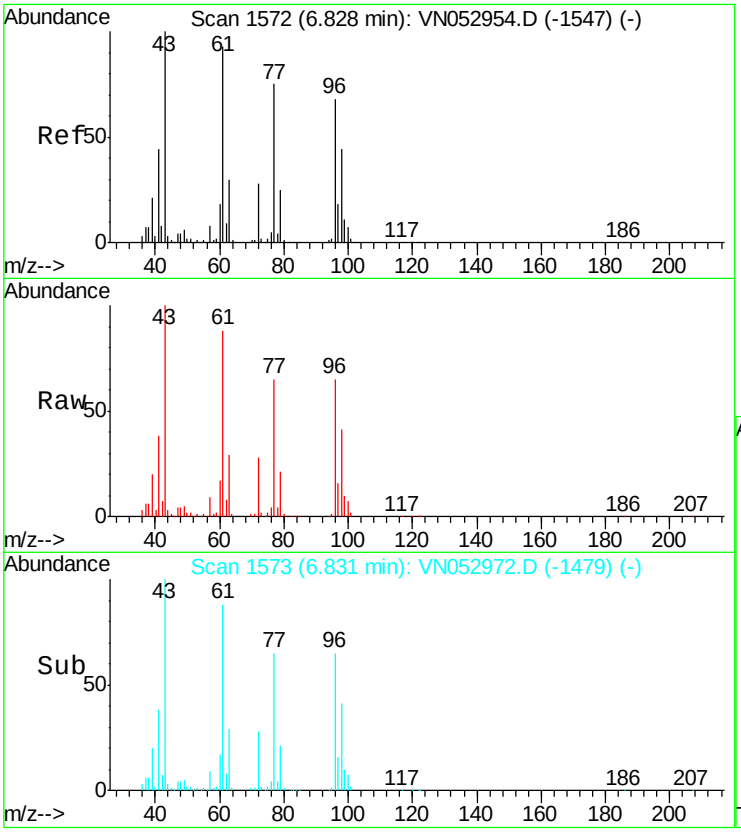


#26
2,2-Dichloropropane
Concen: 45.854 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 77 Resp: 777966

Ion	Ratio	Lower	Upper
77	100		
97	24.5	11.9	35.9





#27
cis-1,2-Dichloroethene
Concen: 49.838 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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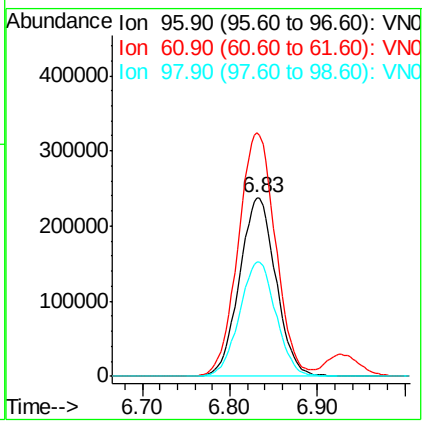
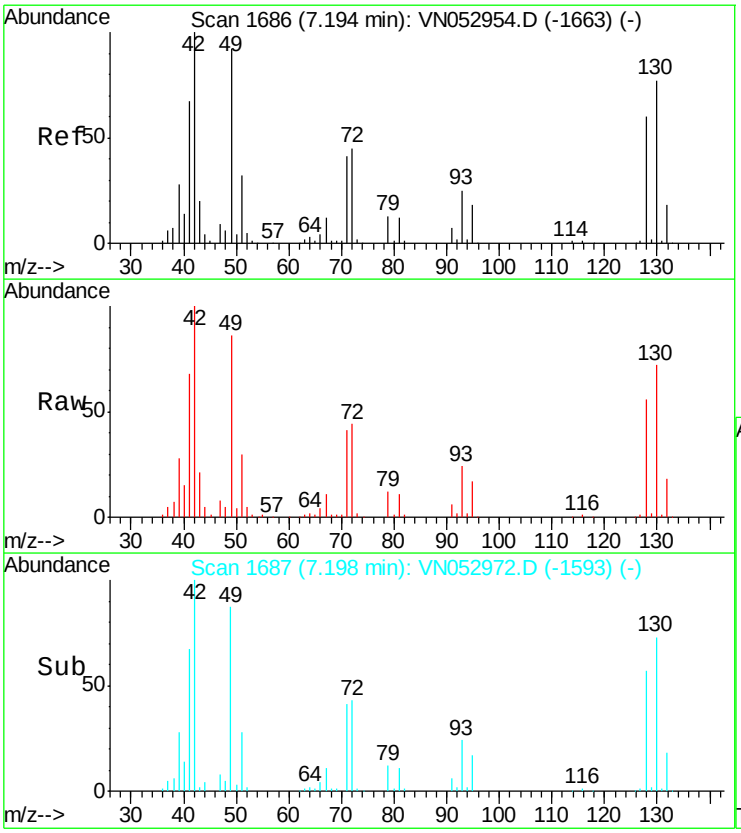
Tgt Ion: 96 Resp: 685763

Ion	Ratio	Lower	Upper
96	100		
61	139.5	0.0	284.2
98	64.2	0.0	129.2

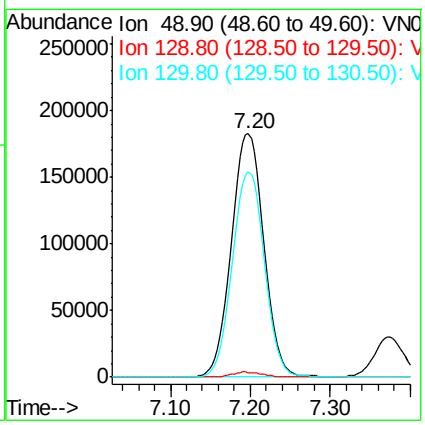


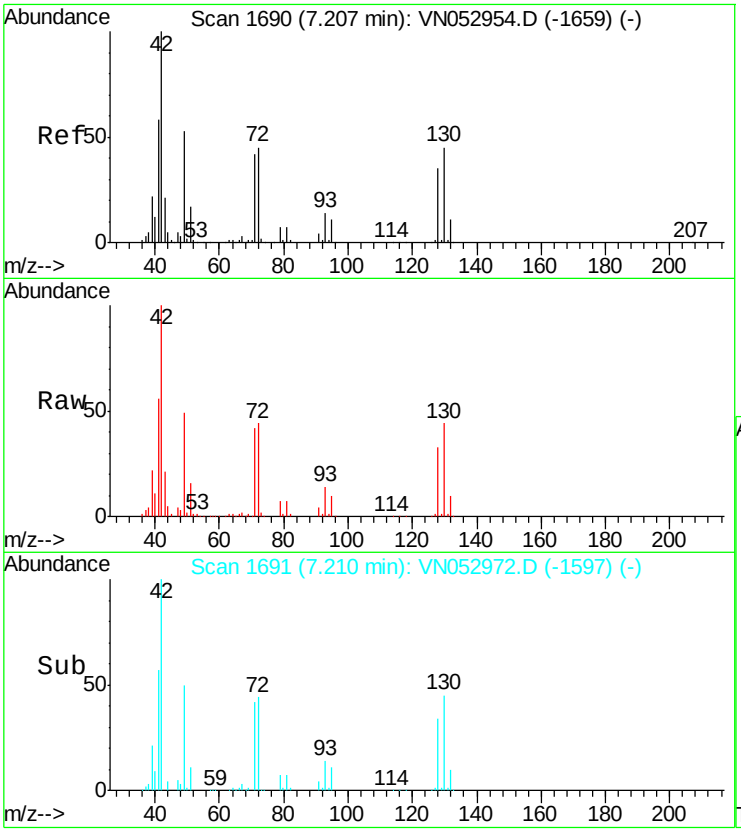


#28
Bromochloromethane
Concen: 52.031 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 49 Resp: 501096

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	83.7	63.3	94.9





#29
Tetrahydrofuran
Concen: 260.451 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 42 Resp: 770936

Ion	Ratio	Lower	Upper
42	100		
72	43.8	34.7	52.1
71	41.4	32.3	48.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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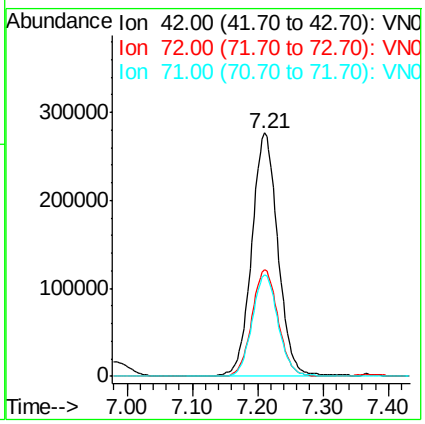
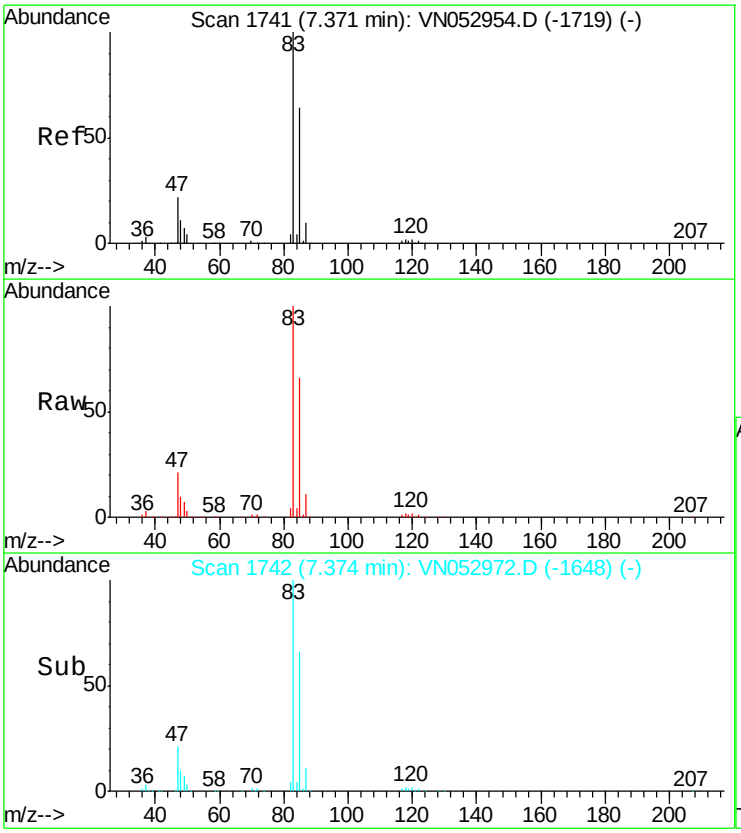
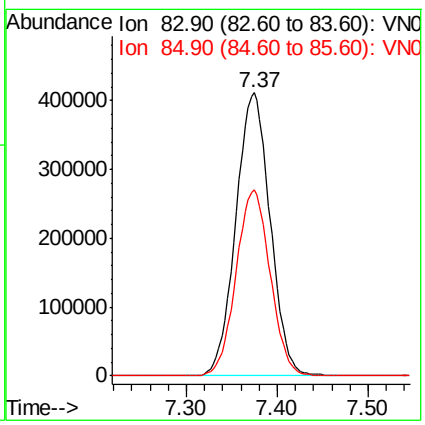


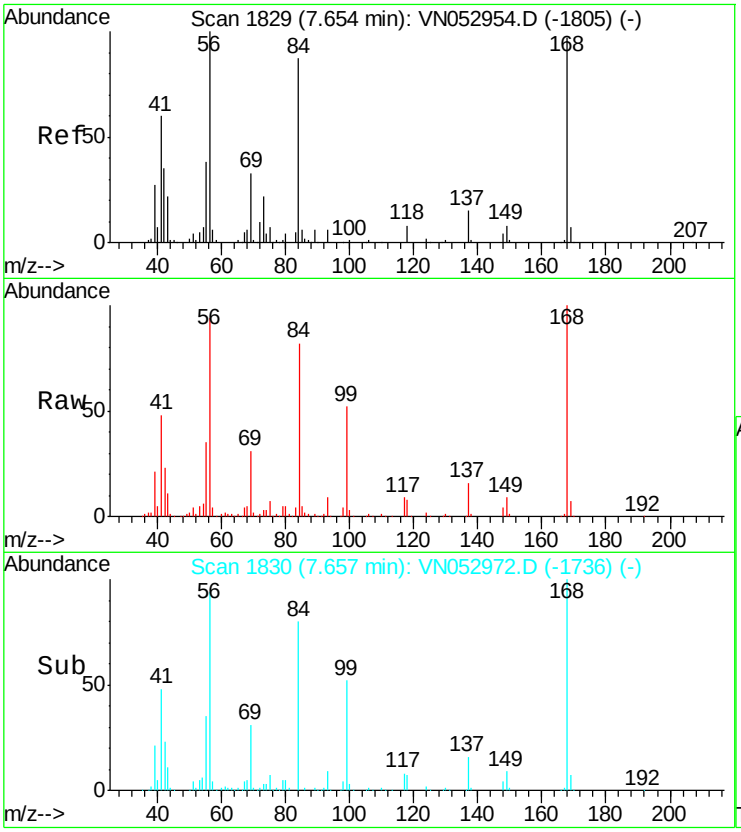


#30
Chloroform
Concen: 49.372 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 83 Resp: 1077946

Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.1	78.1





#31
Cyclohexane
Concen: 50.227 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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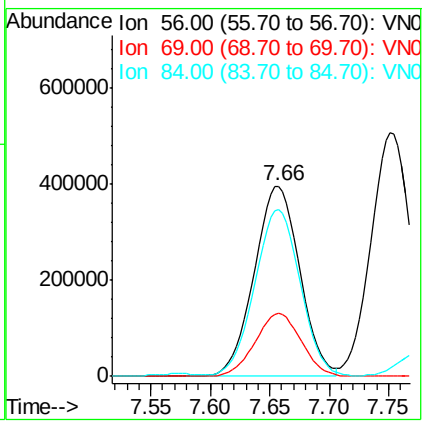
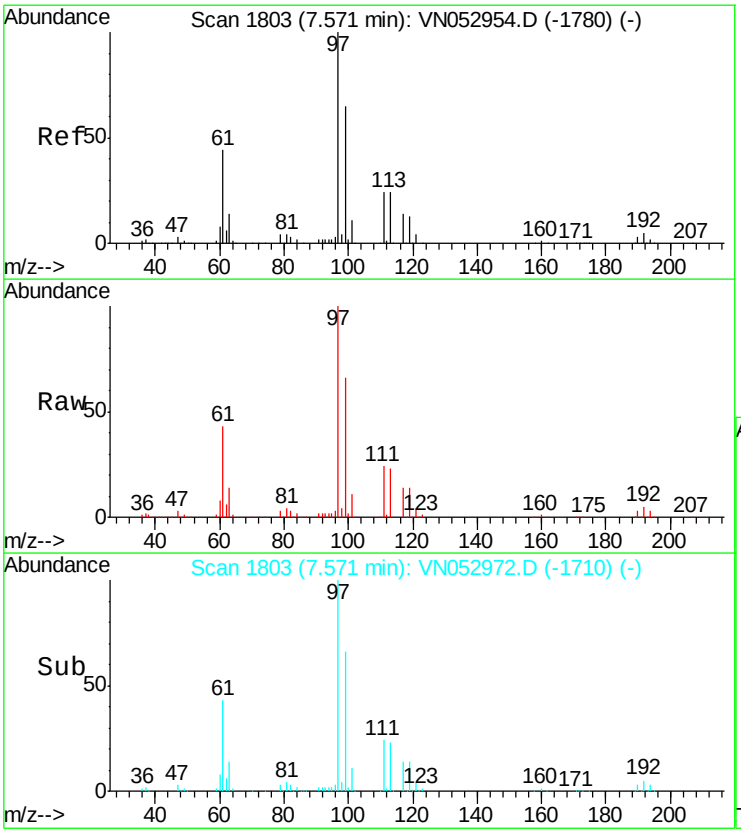
Tgt Ion: 56 Resp: 1046868

Ion	Ratio	Lower	Upper
56	100		
69	33.1	26.6	39.8
84	86.4	68.4	102.6

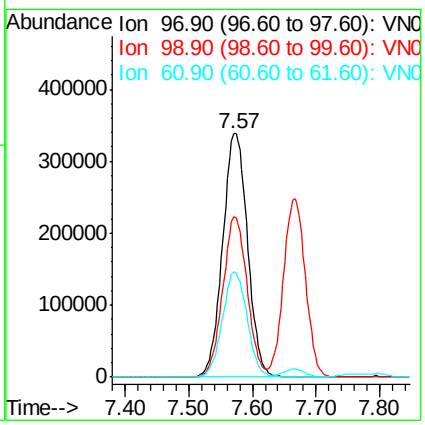


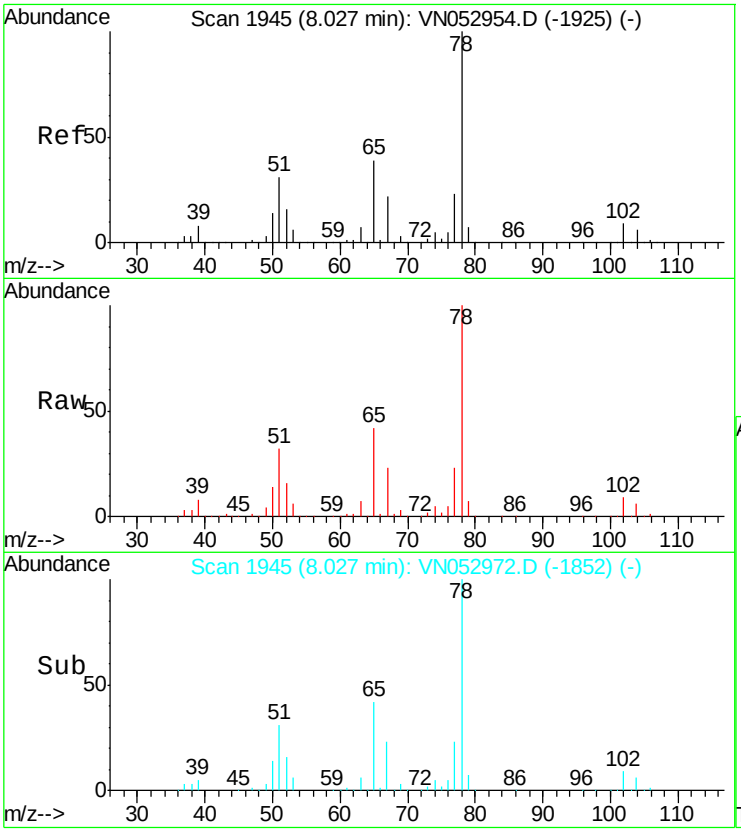


#32
1,1,1-Trichloroethane
Concen: 49.491 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 97 Resp: 920473

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.1	76.7
61	42.7	35.0	52.6





#33
1,2-Dichloroethane-d4
Concen: 49.491 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 65 Resp: 633466

Ion	Ratio	Lower	Upper
65	100		
67	55.8	0.0	110.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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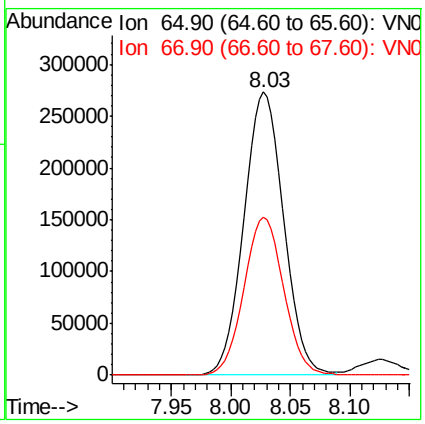
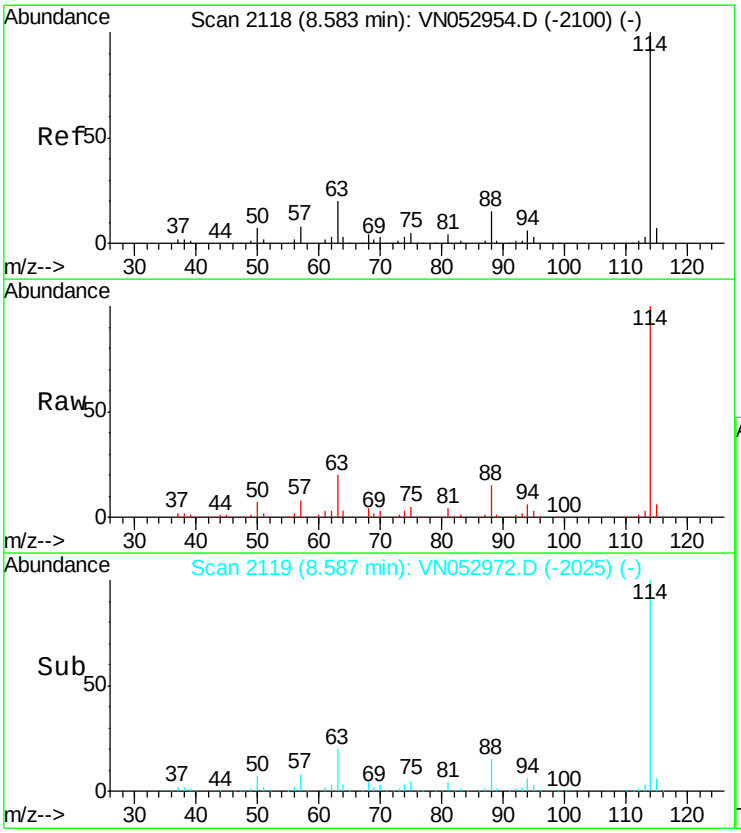
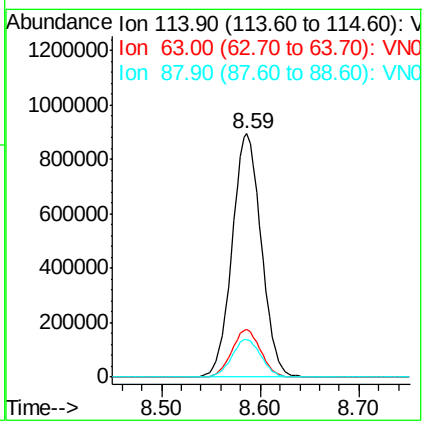


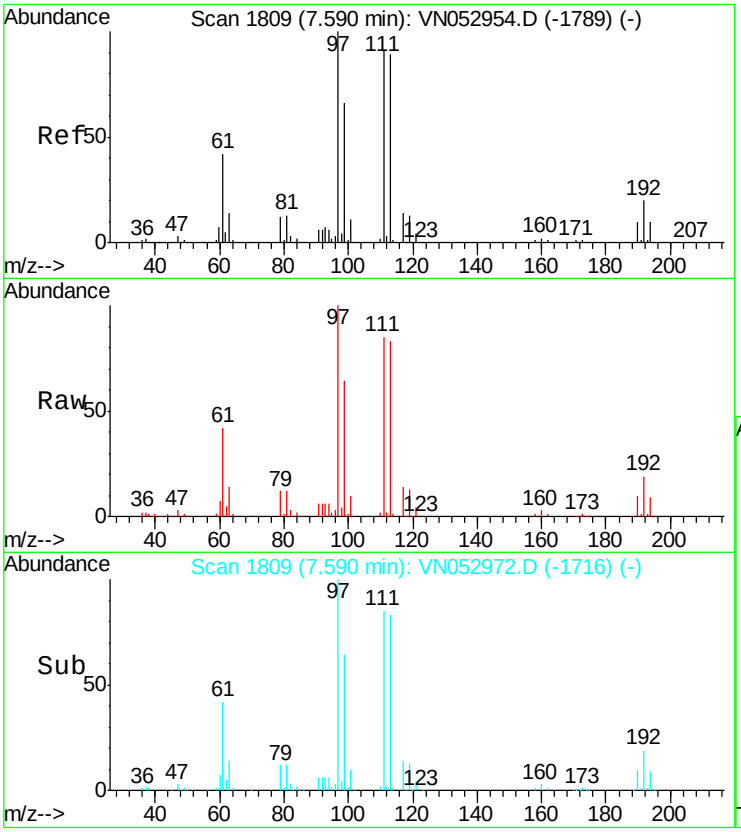


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion:114 Resp: 1830313

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.8
88	15.4	0.0	31.0





#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion:113 Resp: 453885

Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.0	124.4
192	22.2	17.5	26.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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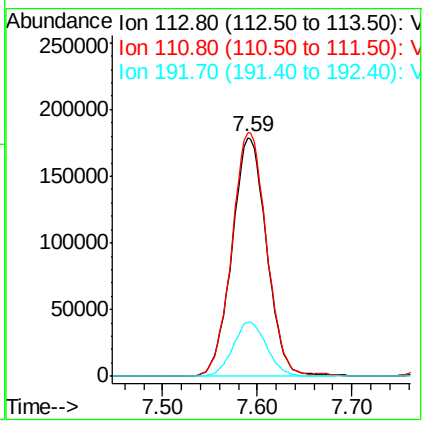
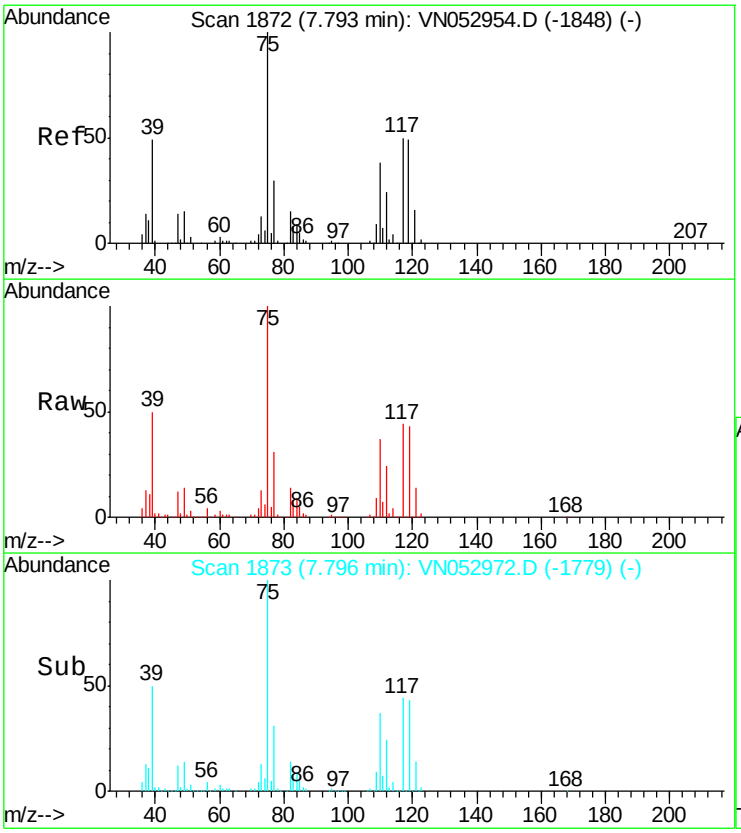
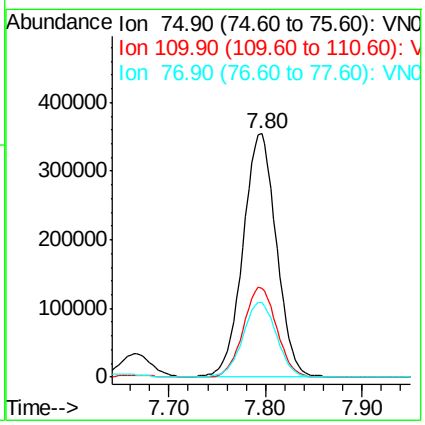


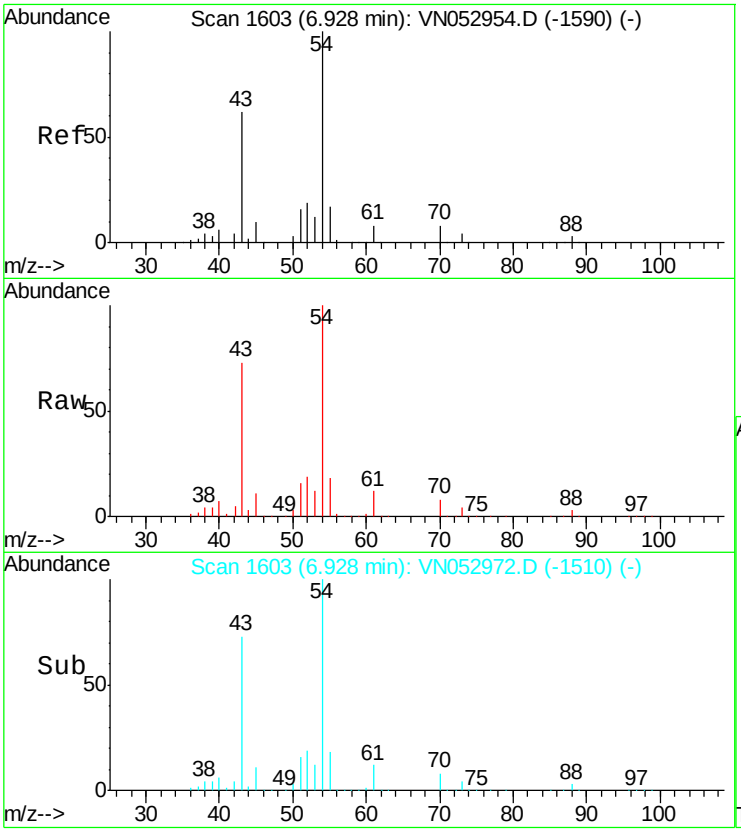


#36
1,1-Dichloropropene
Concen: 48.237 ug/l
RT: 7.80 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 75 Resp: 847421

Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.2	54.6
77	31.2	24.9	37.3





#37
Ethyl Acetate
Concen: 52.421 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 43 Resp: 514108

Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.8	17.6
70	11.2	8.4	12.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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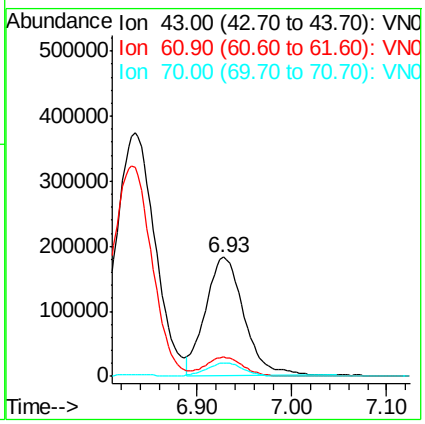
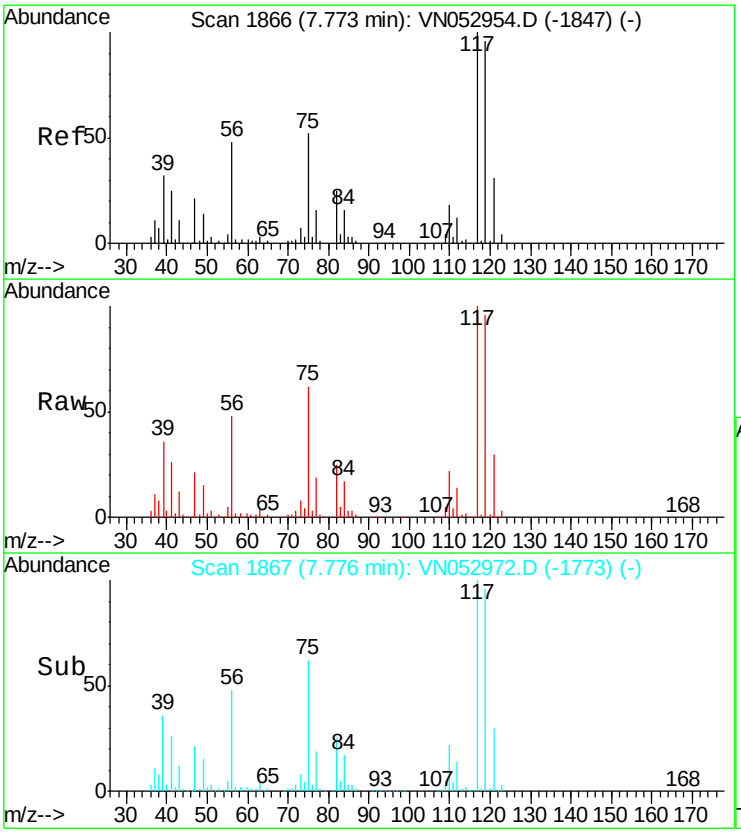
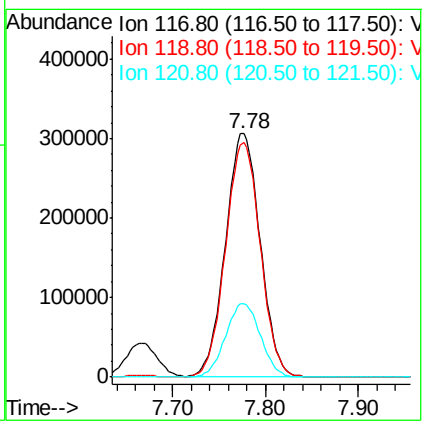


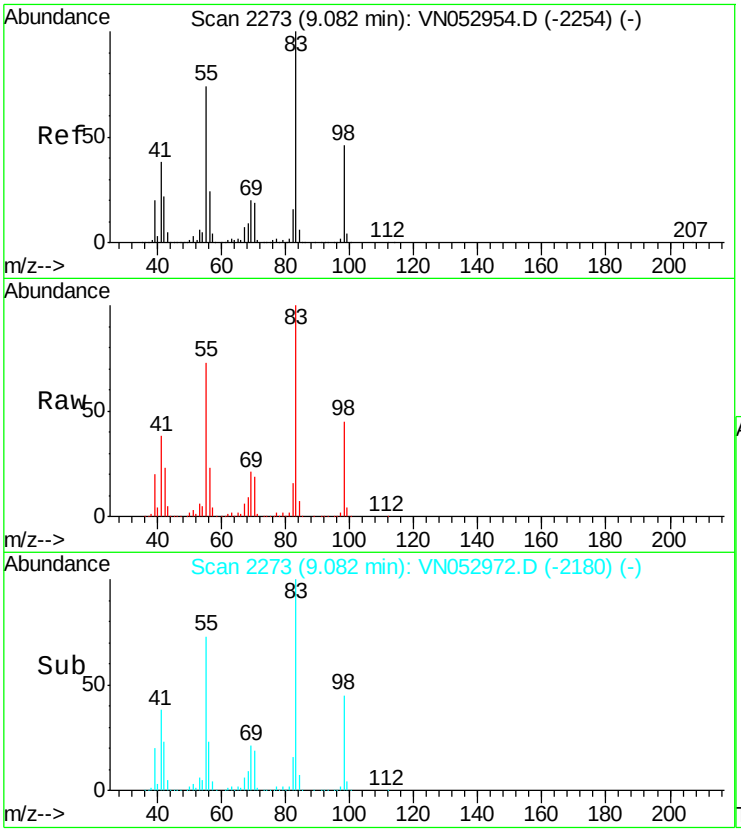


#38
Carbon Tetrachloride
Concen: 49.280 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion:117 Resp: 793526

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.1	115.7
121	30.3	24.9	37.3





#39
Methylcyclohexane
Concen: 48.494 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 83 Resp: 1034933

Ion	Ratio	Lower	Upper
83	100		
55	73.5	61.3	91.9
98	44.9	37.0	55.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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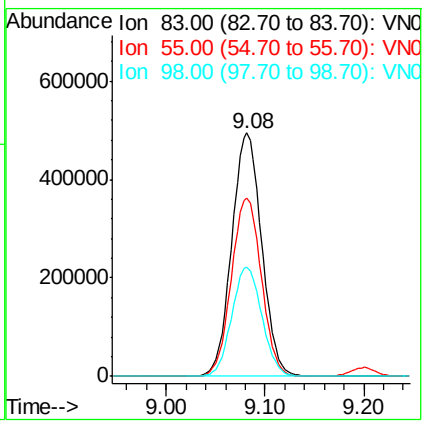
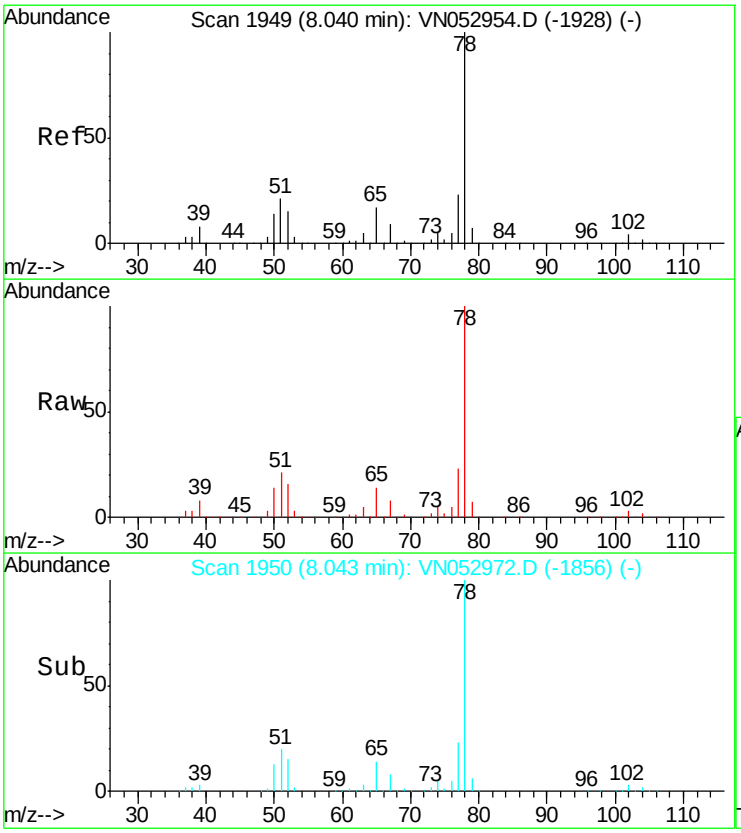
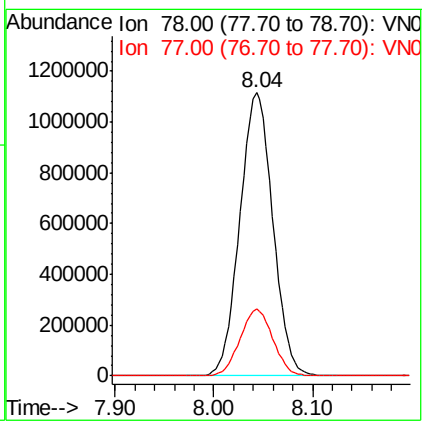


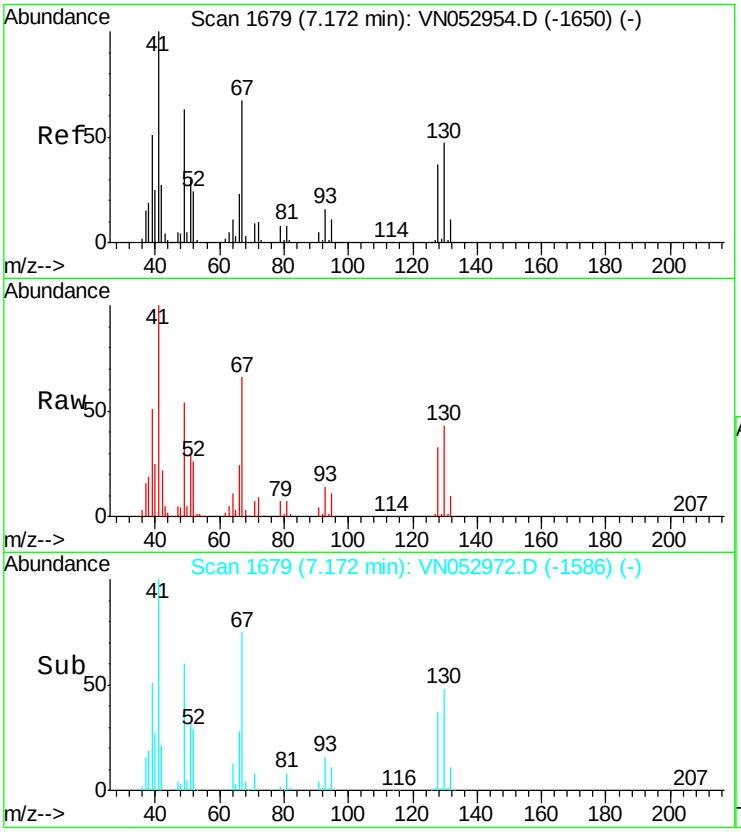


#40
Benzene
Concen: 49.447 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 78 Resp: 2583874

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.5	27.7





#41
Methacrylonitrile
Concen: 54.137 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 41 Resp: 306770

Ion	Ratio	Lower	Upper
41	100		
39	59.0	48.0	72.0
67	79.9	70.3	105.5
52	30.3	26.9	40.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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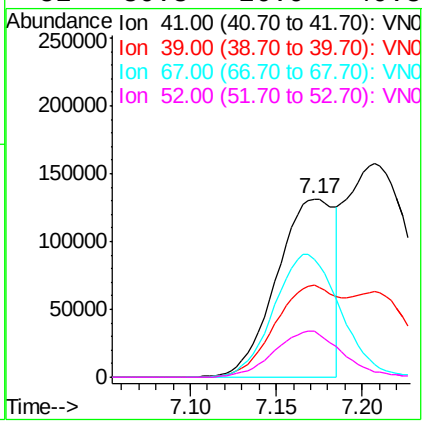
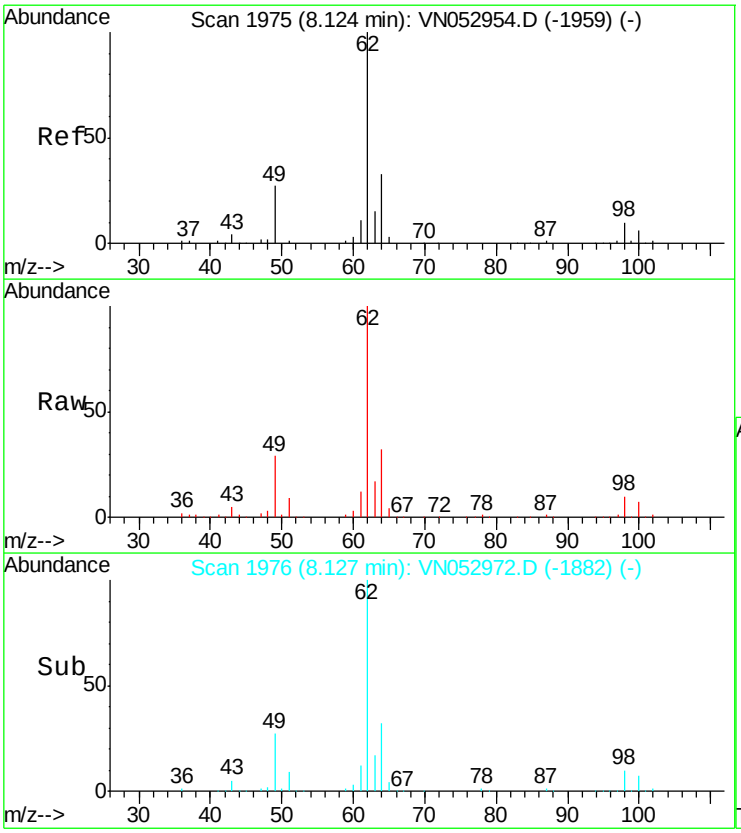
12/19/2018 12:07:22 PM

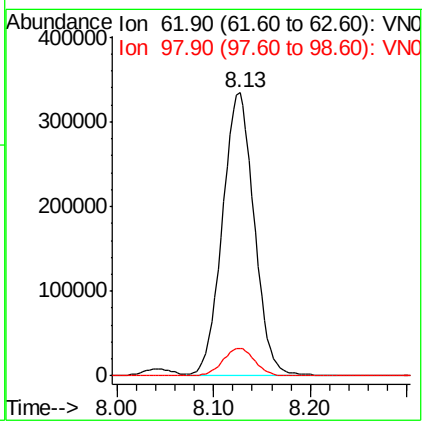


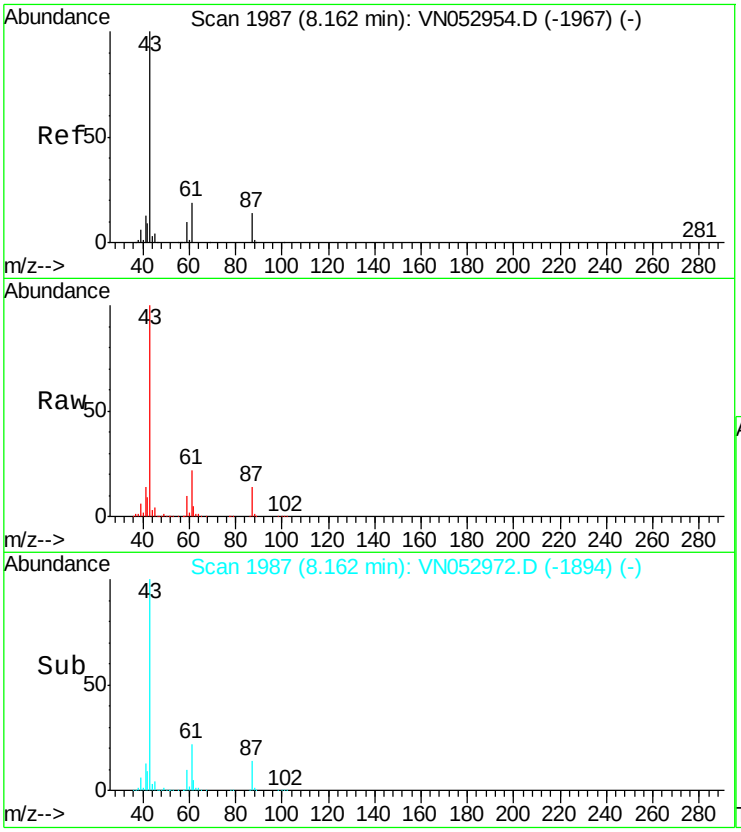


#42
1,2-Dichloroethane
Concen: 49.252 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 62 Resp: 760306

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.0





#43
Isopropyl Acetate
Concen: 51.670 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 43 Resp: 979968

Ion	Ratio	Lower	Upper
43	100		
61	29.0	22.9	34.3
87	13.7	10.6	15.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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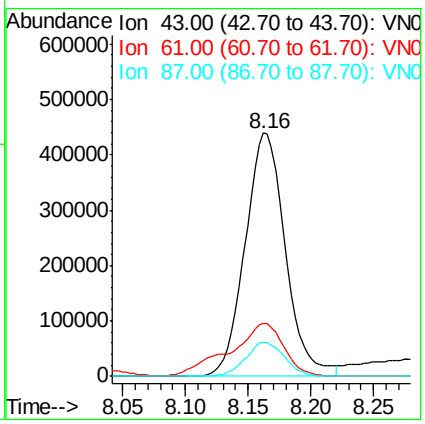
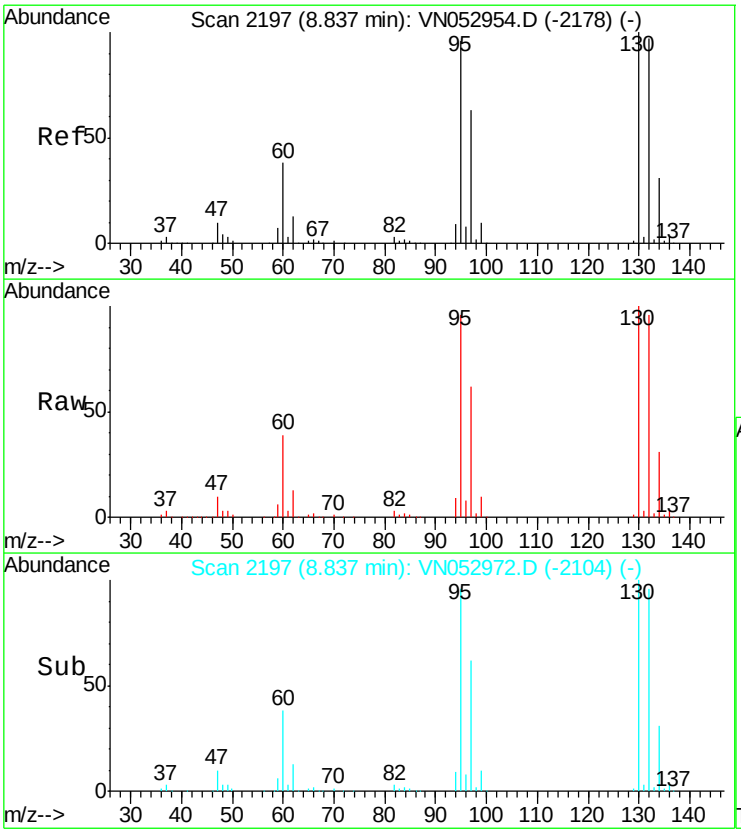
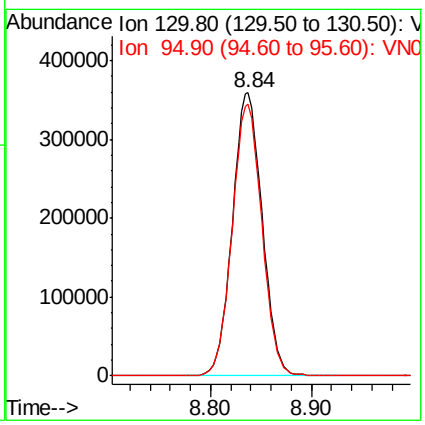


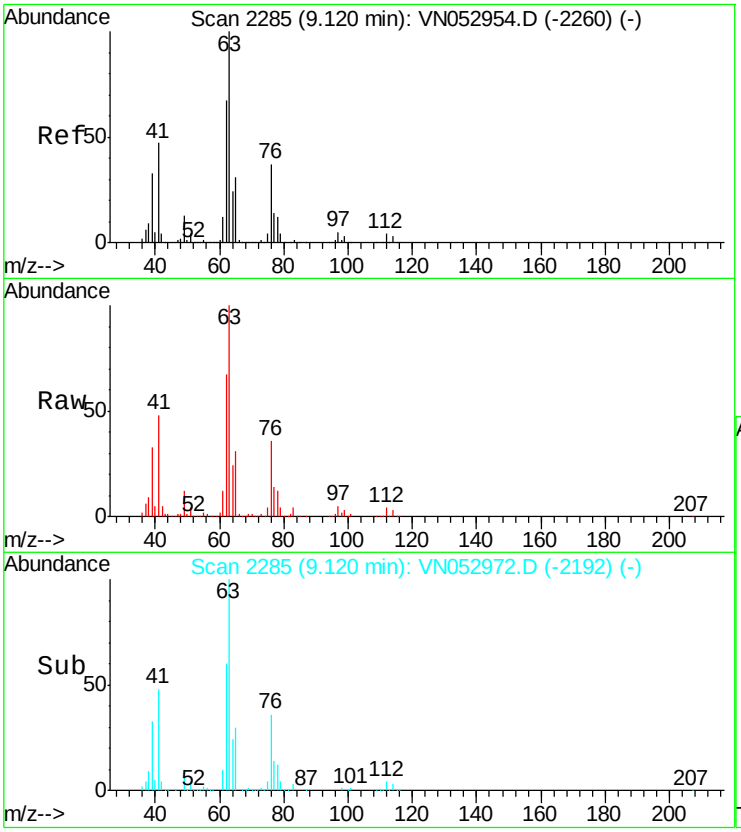


#44
Trichloroethene
Concen: 48.575 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion:130 Resp: 734173

Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	197.8





#45
1,2-Dichloropropane
Concen: 50.215 ug/l
RT: 9.12 min Scan# 2285
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 63 Resp: 683478

Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.6	37.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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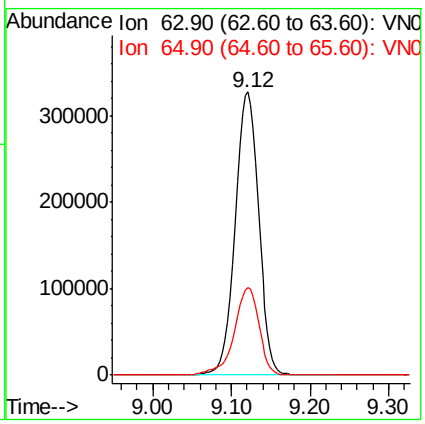
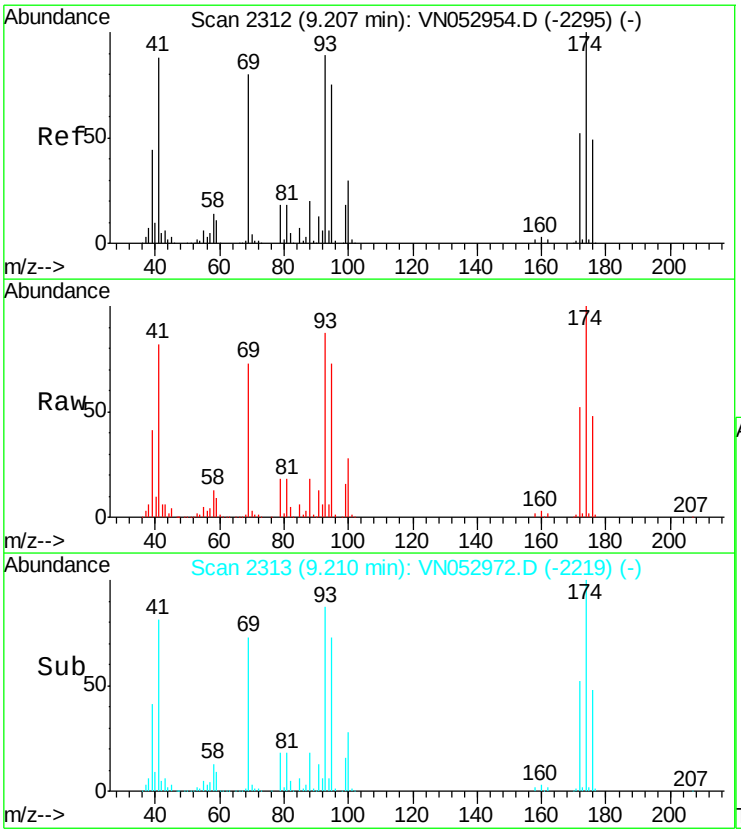
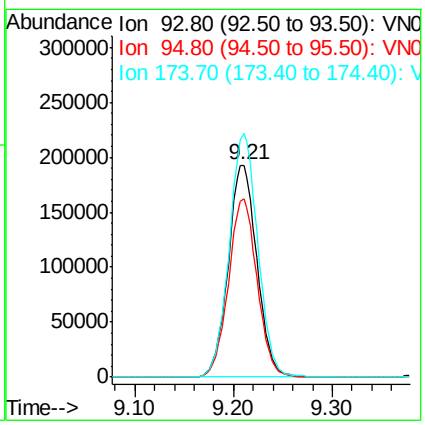


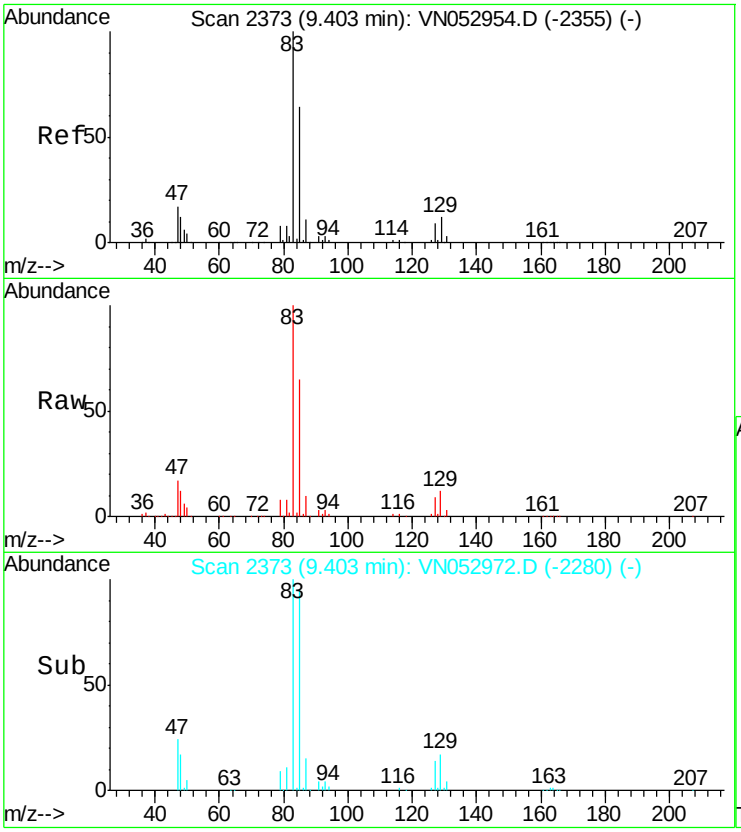


#46
Dibromomethane
Concen: 49.341 ug/l
RT: 9.21 min Scan# 2313
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 93 Resp: 391220

Ion	Ratio	Lower	Upper
93	100		
95	83.6	67.8	101.6
174	114.2	89.0	133.4





#47
Bromodichloromethane
Concen: 48.866 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 83 Resp: 823599

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.6	77.4
127	9.2	7.1	10.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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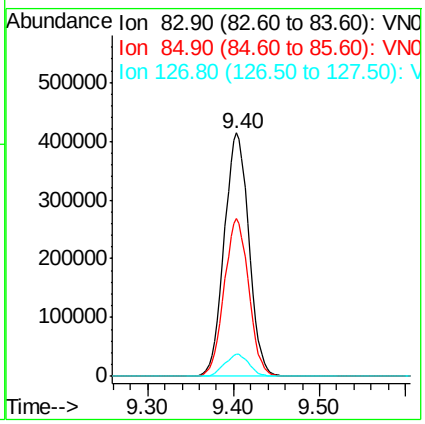
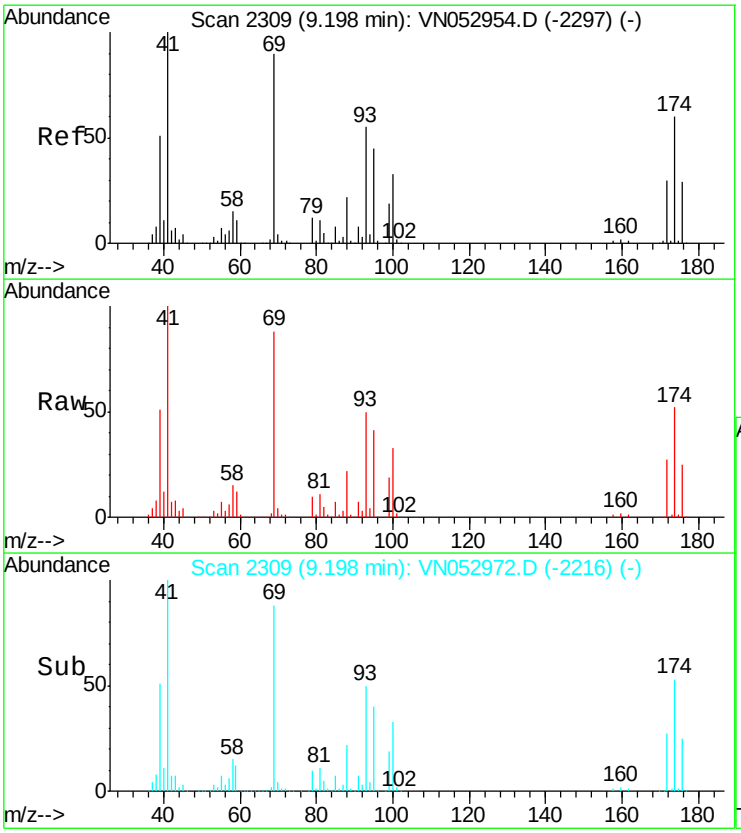
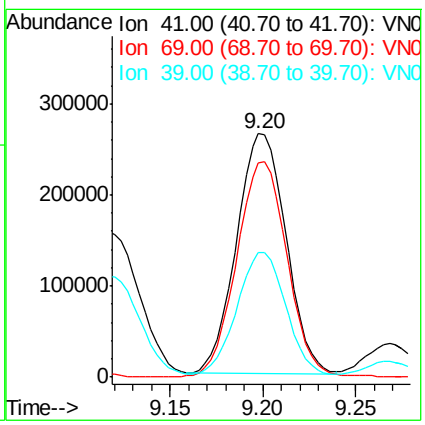


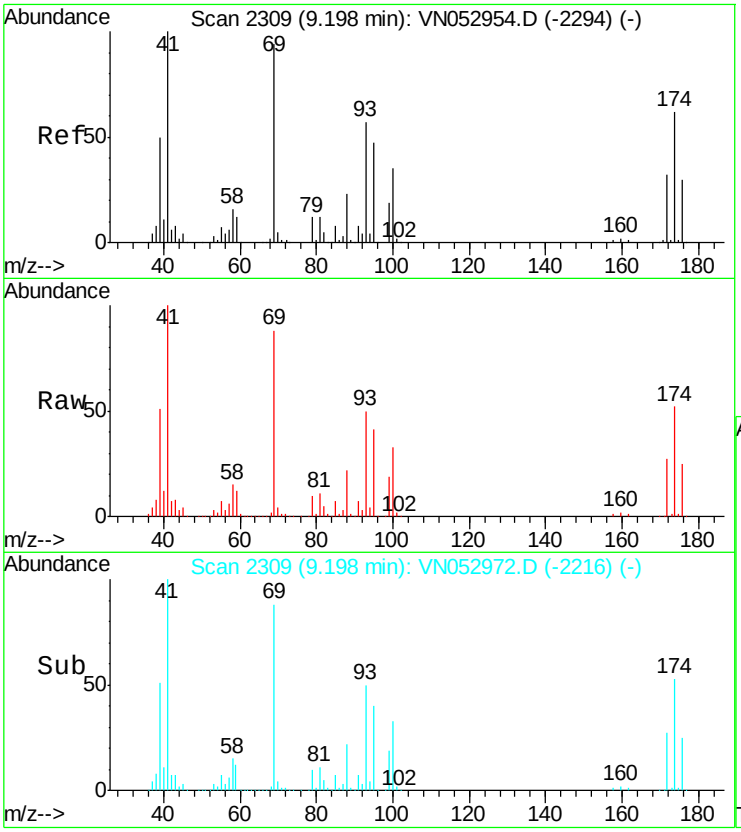


#48
Methyl methacrylate
Concen: 51.335 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 41 Resp: 488537

Ion	Ratio	Lower	Upper
41	100		
69	92.1	72.2	108.2
39	52.5	41.9	62.9





#49
1,4-Dioxane
Concen: 985.269 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 88 Resp: 118608

Ion	Ratio	Lower	Upper
88	100		
43	31.8	26.6	40.0
58	69.8	58.4	87.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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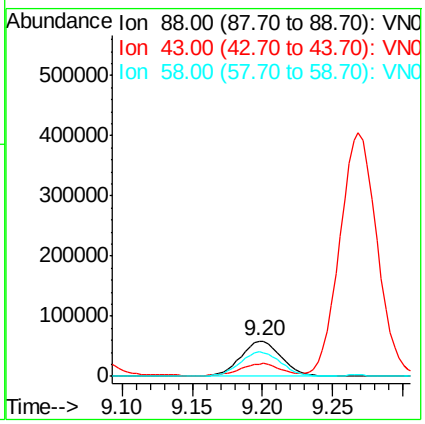
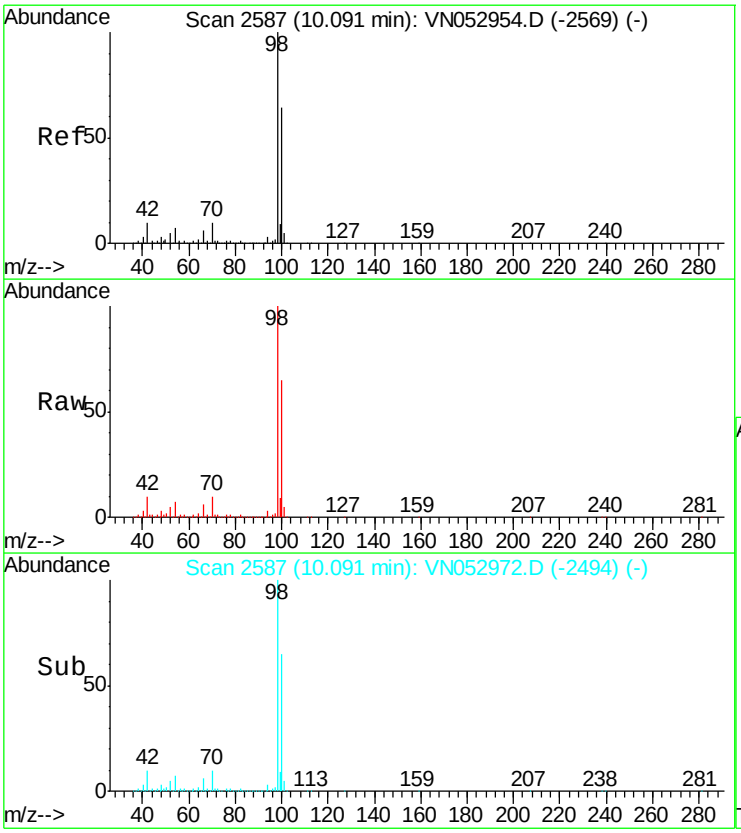
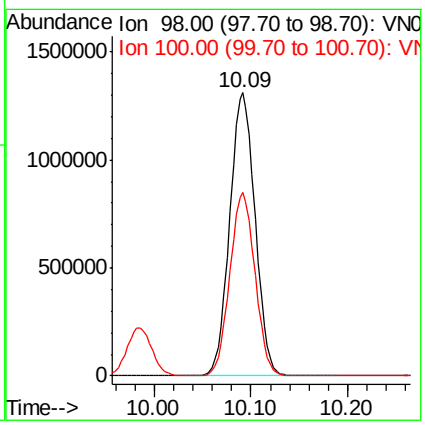


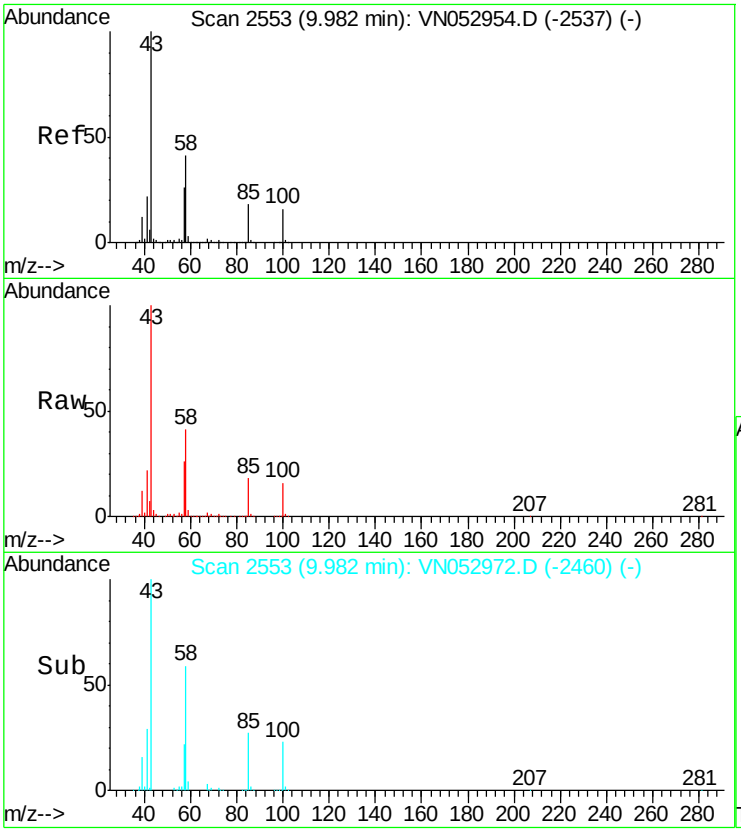


#50
Toluene-d8
Concen: 985.269 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 98 Resp: 2383254

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4





#51
4-Methyl-2-Pentanone
Concen: 267.464 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 43 Resp: 2540249

Ion	Ratio	Lower	Upper
43	100		
58	40.8	32.2	48.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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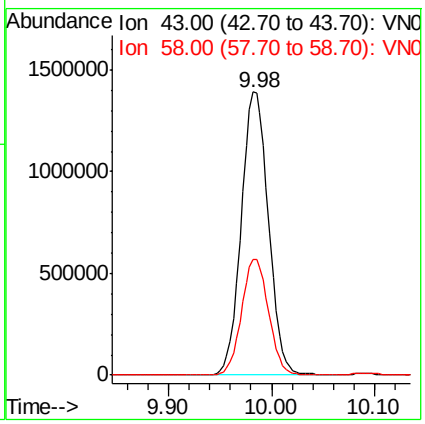
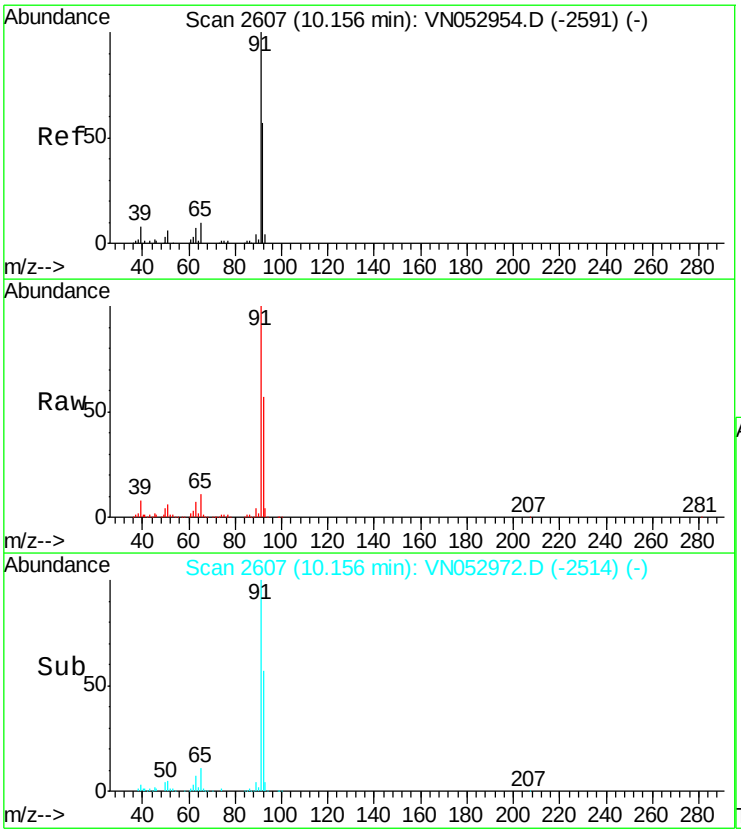
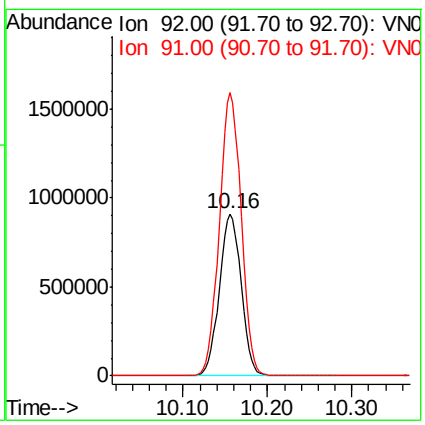


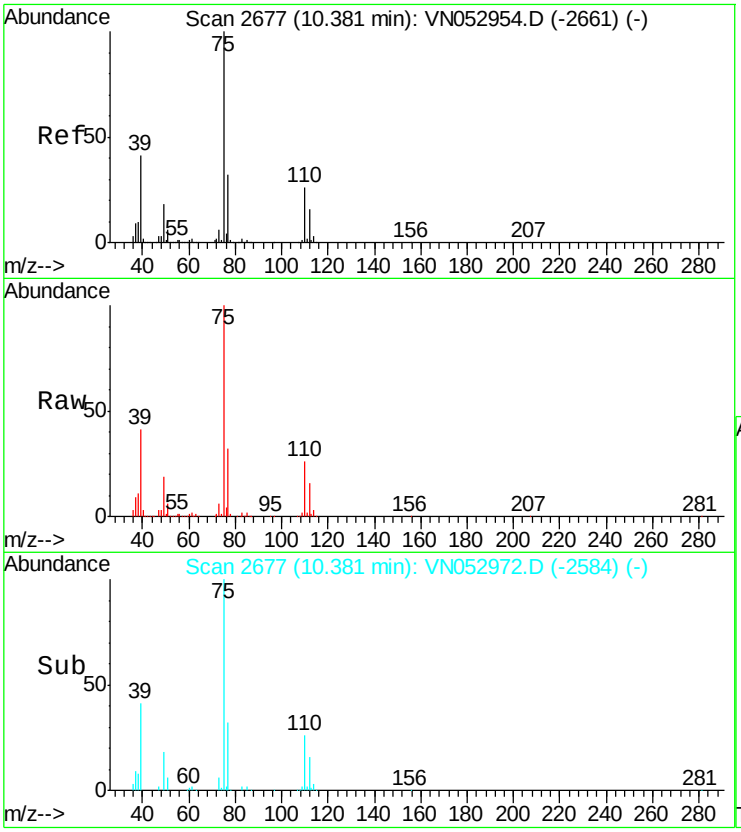


#52
Toluene
Concen: 50.366 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 92 Resp: 1631325

Ion	Ratio	Lower	Upper
92	100		
91	174.6	139.8	209.6





#53
t-1,3-Dichloropropene
Concen: 49.167 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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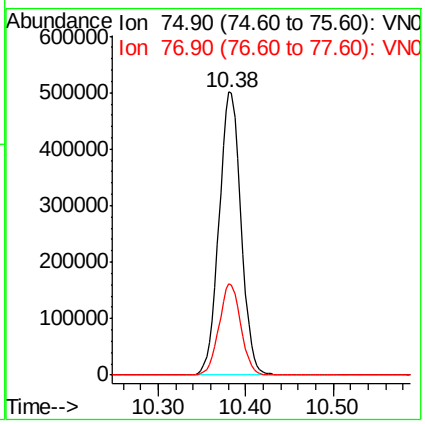
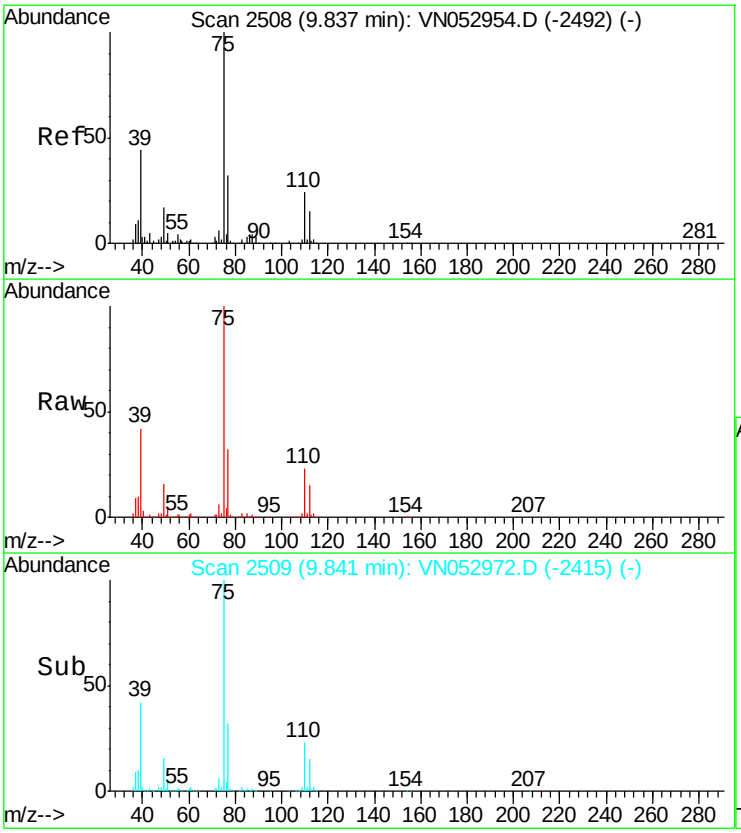
Tgt Ion: 75 Resp: 871394

Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.6	38.4

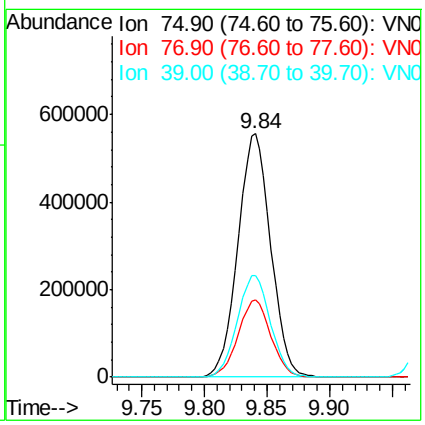


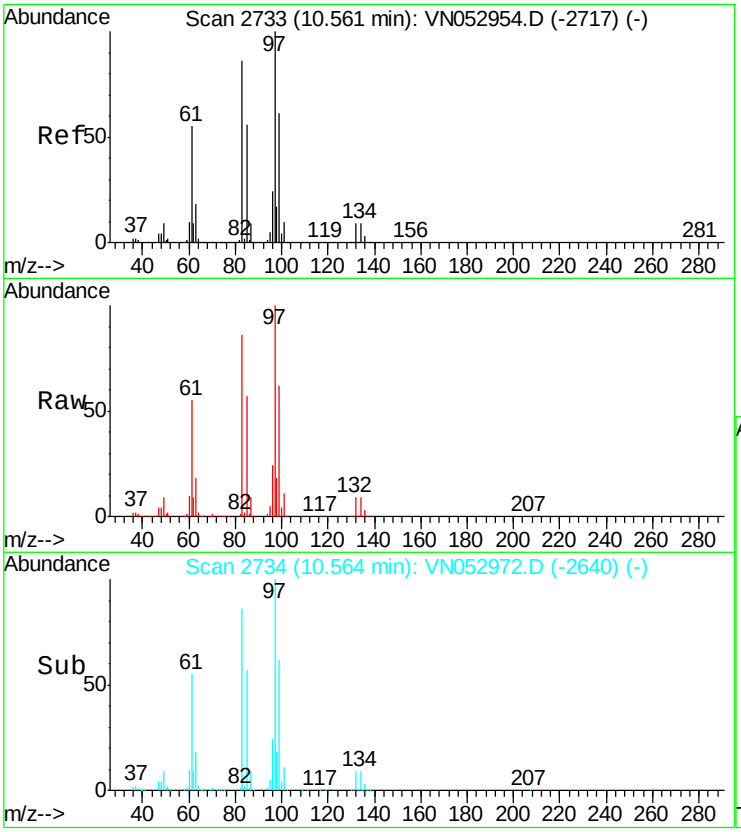


#54
cis-1,3-Dichloropropene
Concen: 49.639 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 75 Resp: 1009819

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.8
39	41.9	34.8	52.2





#55
1,1,2-Trichloroethane
Concen: 50.481 ug/l
RT: 10.56 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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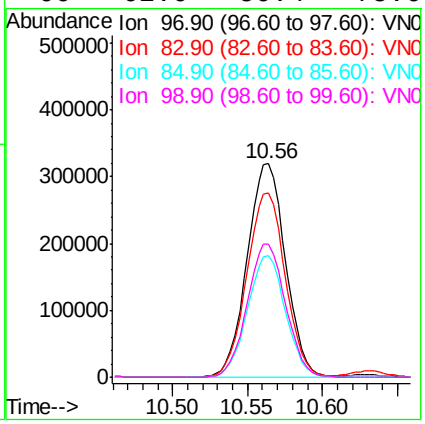
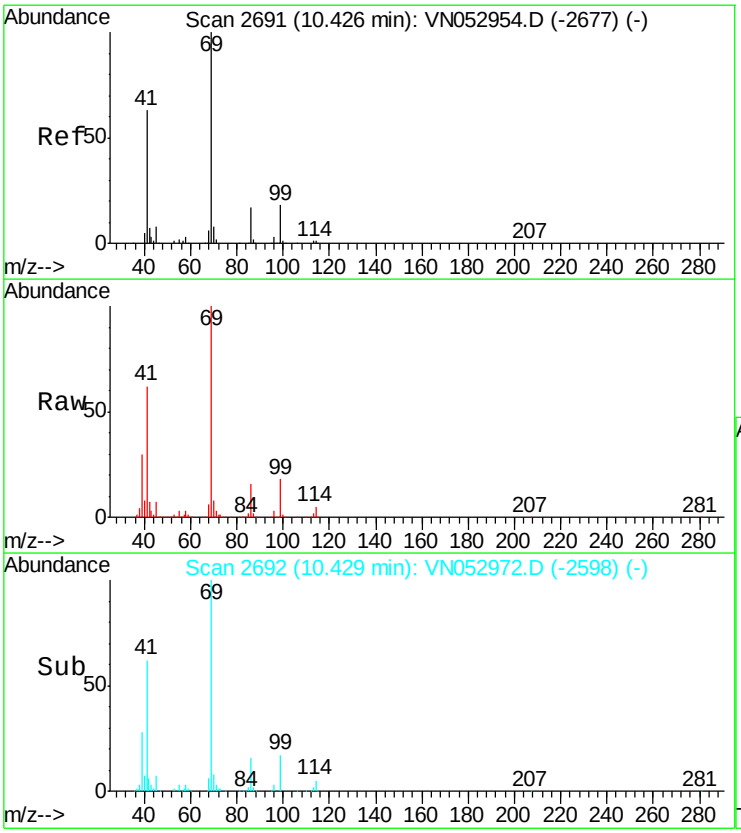
Tgt Ion: 97 Resp: 570417

Ion	Ratio	Lower	Upper
97	100		
83	86.2	70.9	106.3
85	57.1	45.4	68.2
99	62.0	50.4	75.6

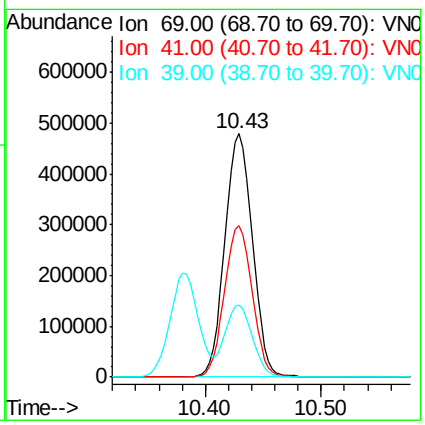


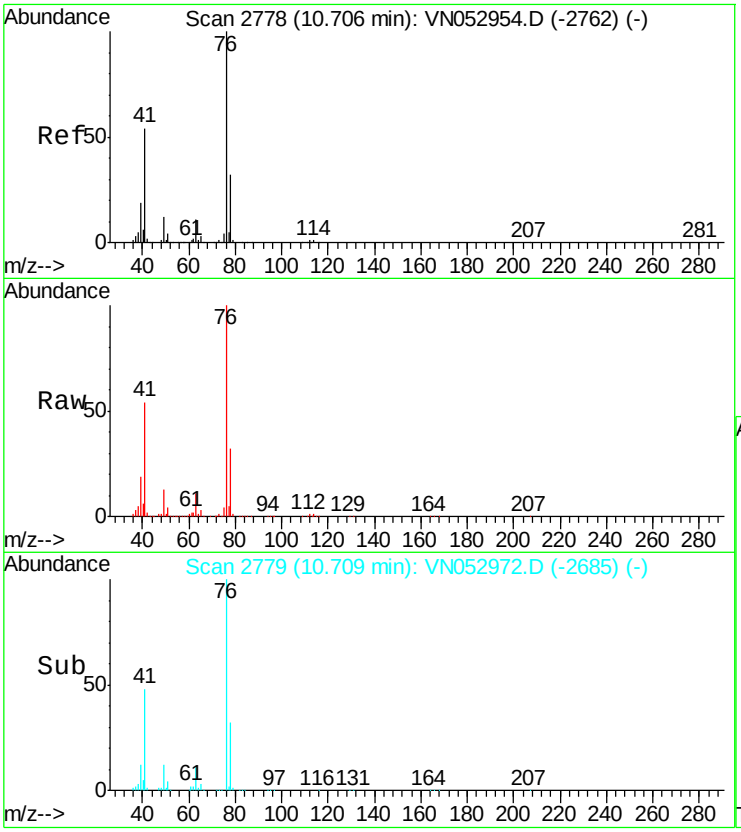


#56
Ethyl methacrylate
Concen: 52.727 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 69 Resp: 788583

Ion	Ratio	Lower	Upper
69	100		
41	62.2	51.7	77.5
39	29.4	24.6	37.0





#57
1,3-Dichloropropane
Concen: 50.402 ug/l
RT: 10.71 min Scan# 2779
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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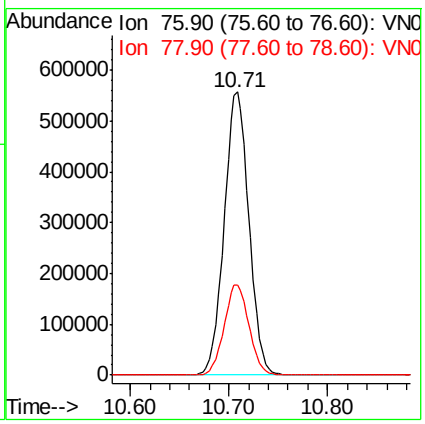
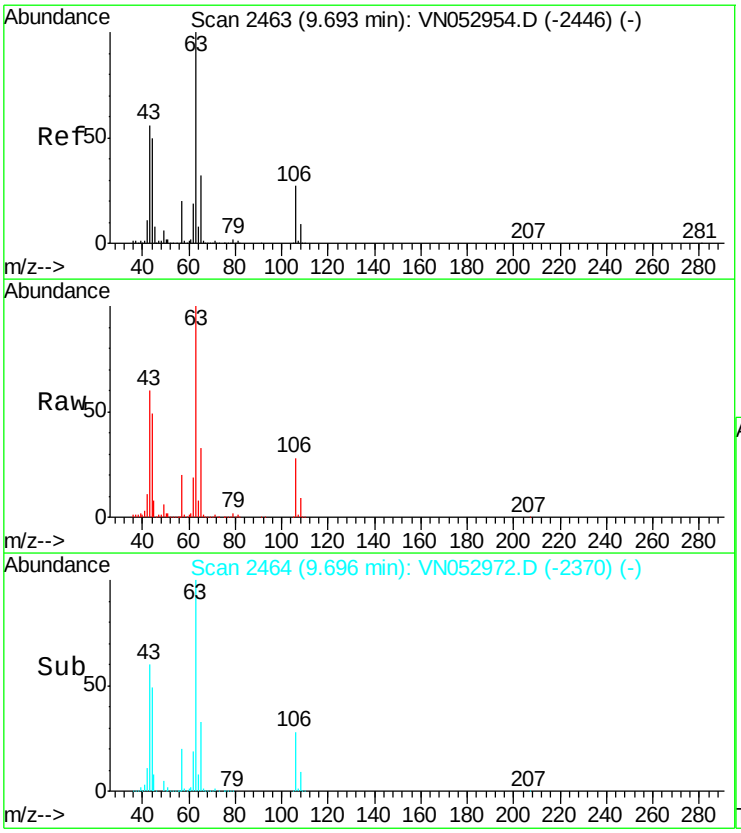
Tgt Ion: 76 Resp: 976629

Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.8

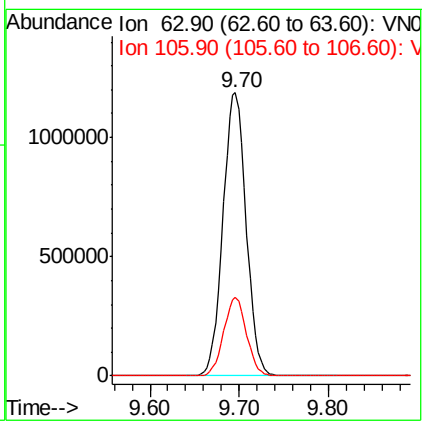


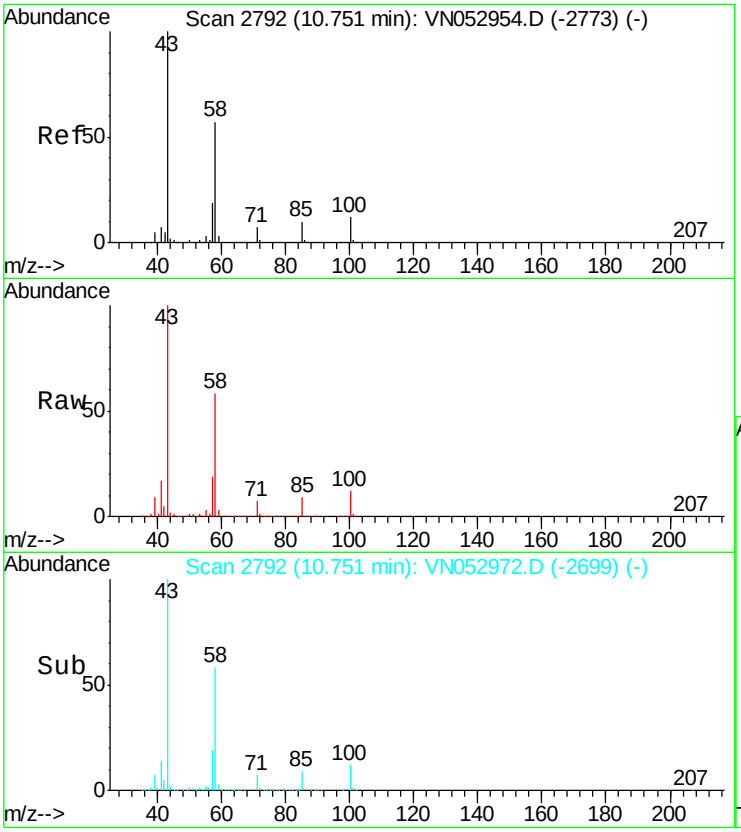


#58
2-Chloroethyl Vinyl ether
Concen: 259.142 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 63 Resp: 2127771

Ion	Ratio	Lower	Upper
63	100		
106	27.2	21.0	31.6





#59
2-Hexanone
Concen: 268.138 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 43 Resp: 1723017

Ion	Ratio	Lower	Upper
43	100		
58	57.3	28.1	84.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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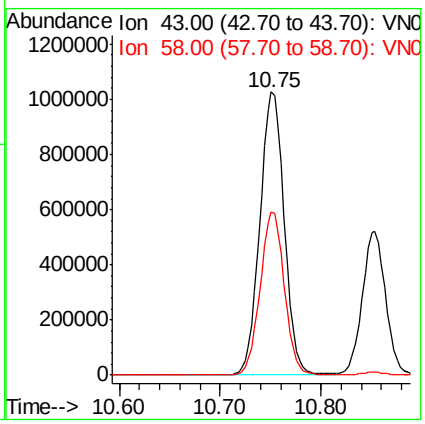
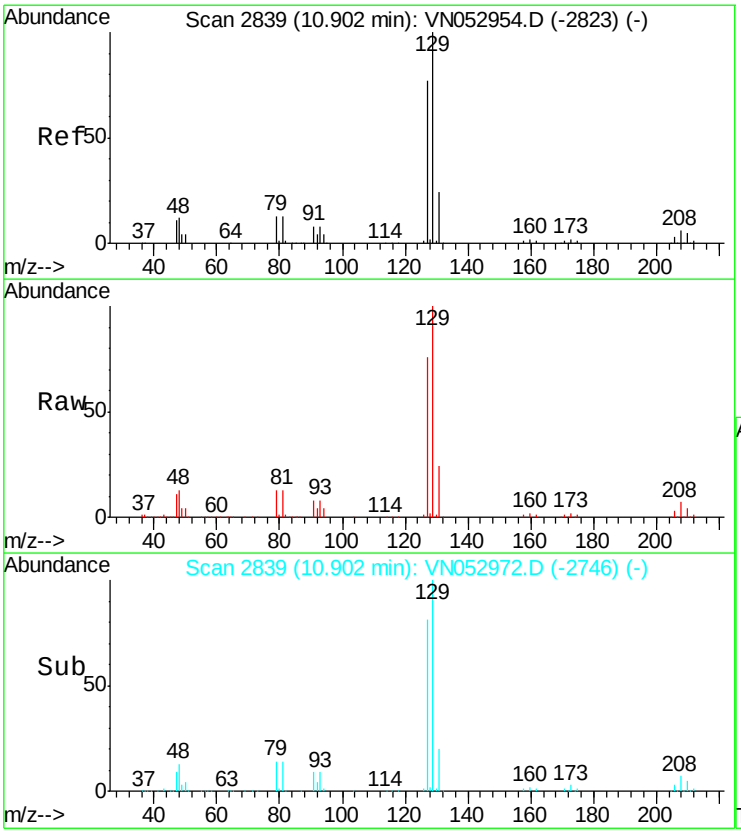
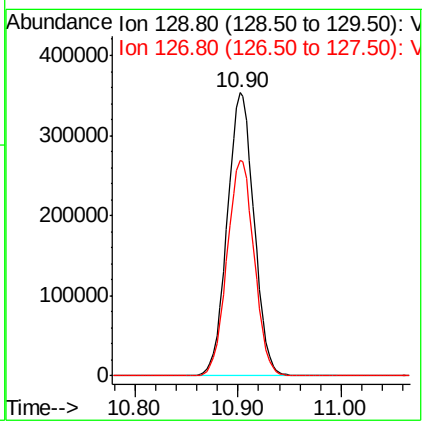


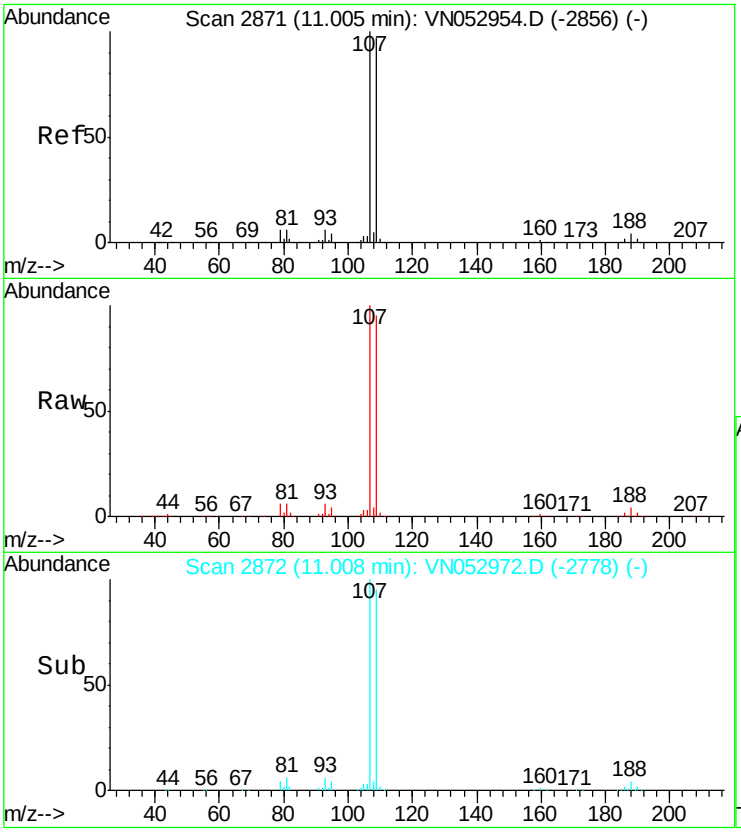


#60
Dibromochloromethane
Concen: 49.412 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion:129 Resp: 639115

Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.6	116.0





#61
1,2-Dibromoethane
Concen: 50.530 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion:107 Resp: 579875

Ion	Ratio	Lower	Upper
107	100		
109	95.2	75.4	113.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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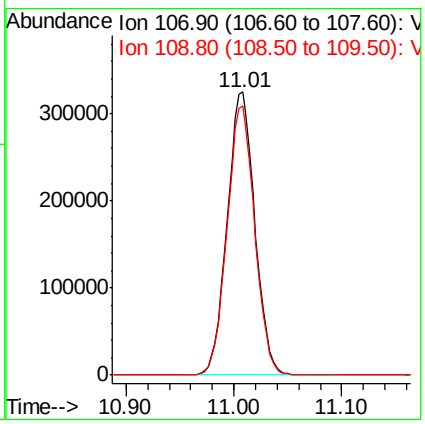
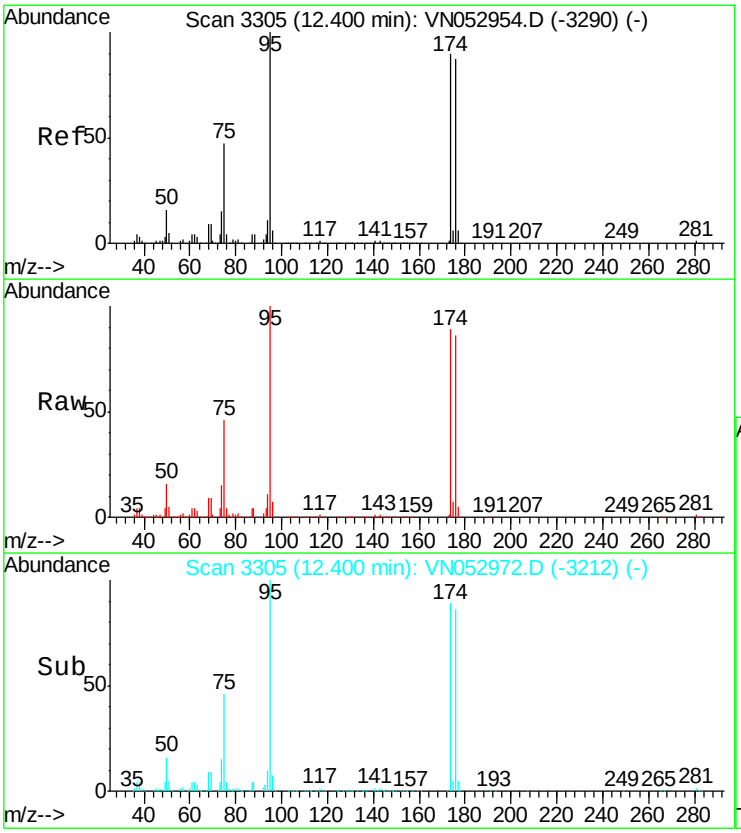
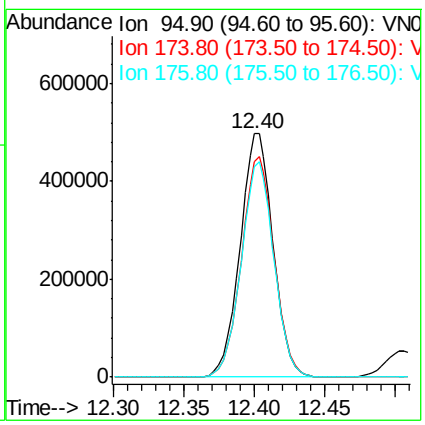


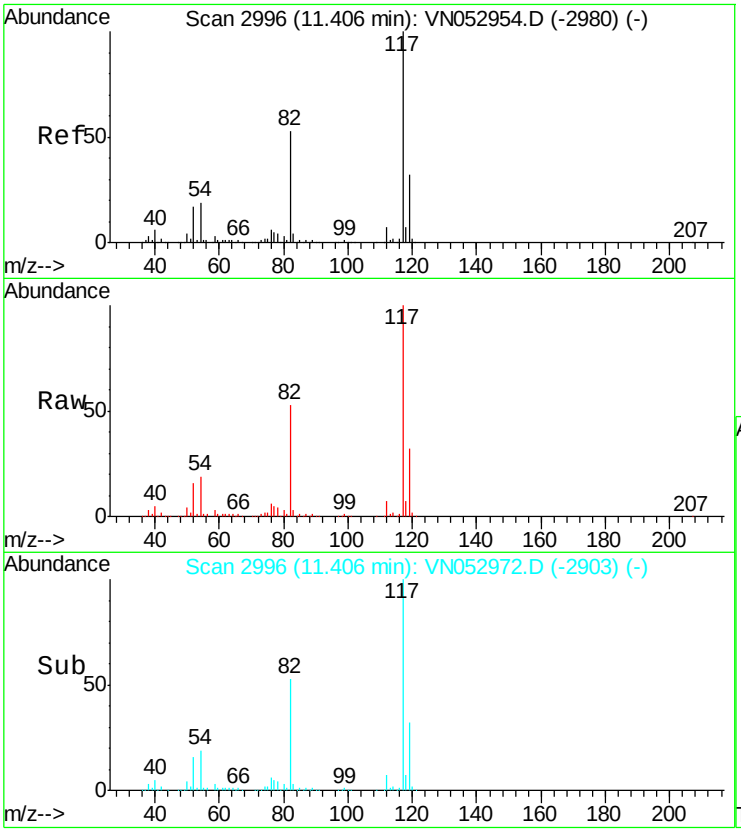


#62
4-Bromofluorobenzene
Concen: 50.530 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 95 Resp: 813530

Ion	Ratio	Lower	Upper
95	100		
174	89.8	0.0	178.8
176	87.7	0.0	173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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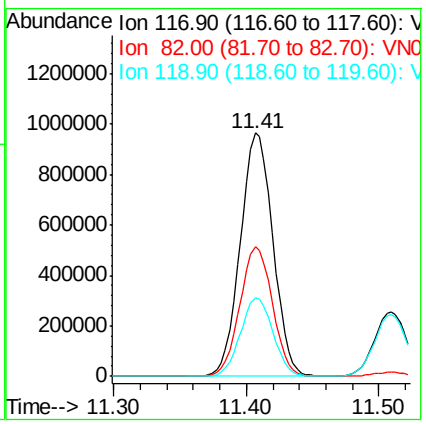
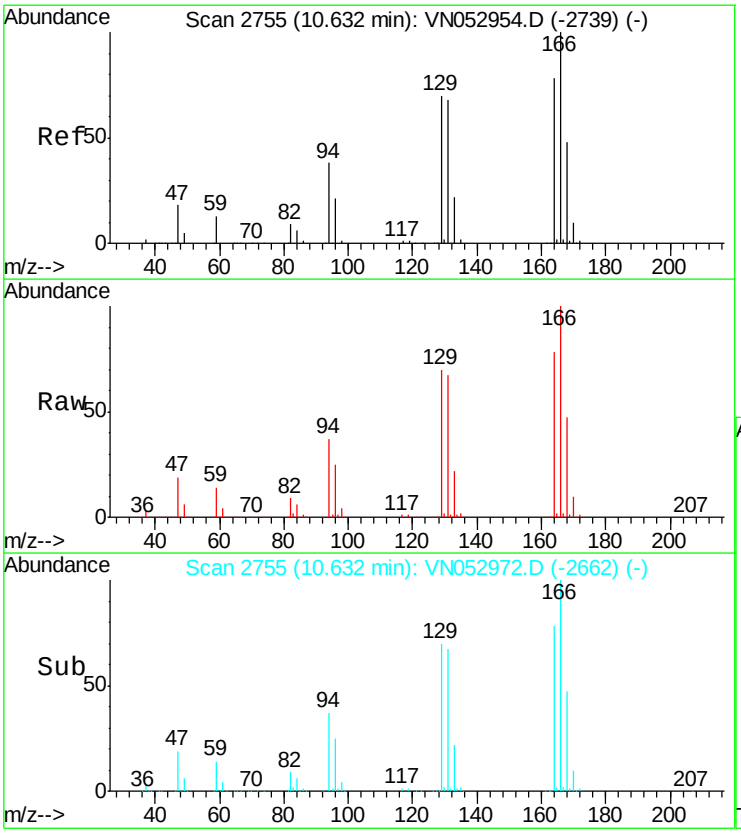
Tgt Ion:117 Resp: 1652661

Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.8	64.2
119	32.5	25.5	38.3

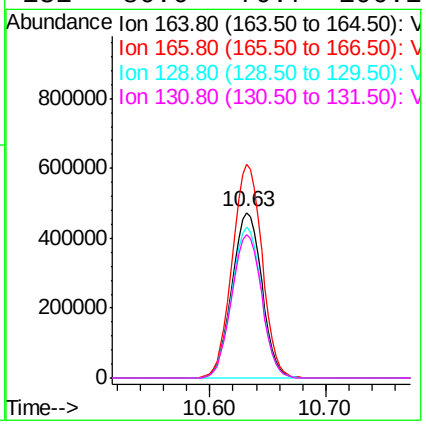


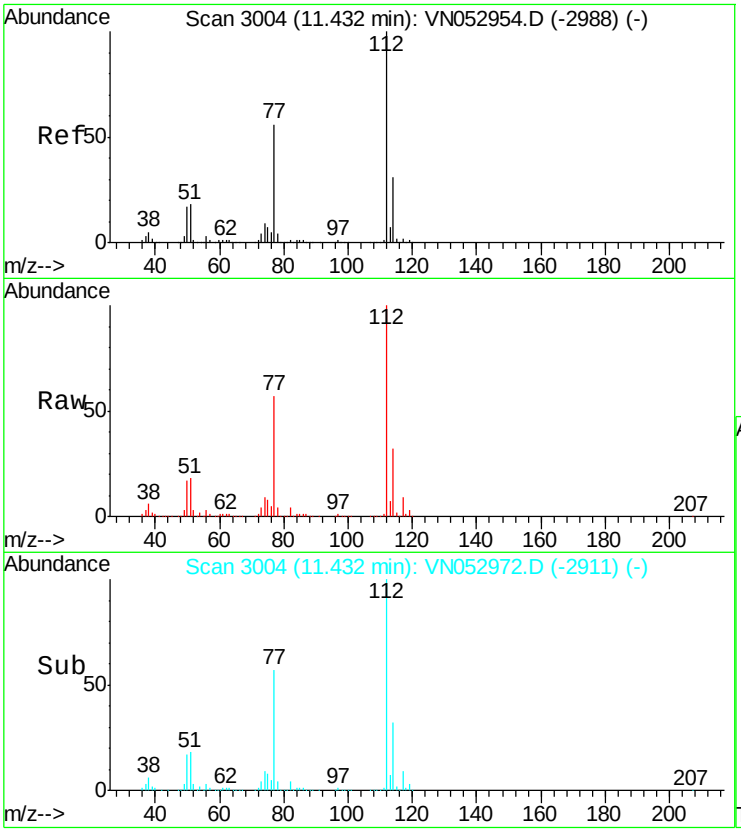


#64
Tetrachloroethene
Concen: 47.052 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion:164 Resp: 842328

Ion	Ratio	Lower	Upper
164	100		
166	129.0	102.9	154.3
129	90.9	73.7	110.5
131	86.6	70.7	106.1





#65
Chlorobenzene
Concen: 49.030 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion:112 Resp: 1796221

Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.5	38.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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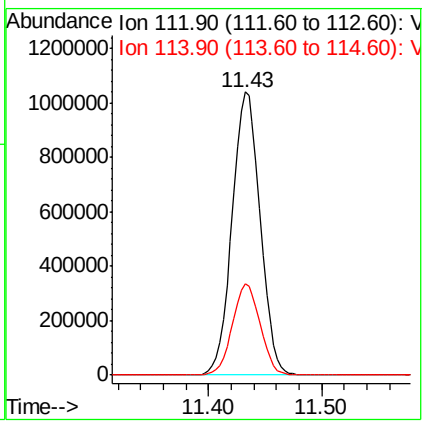
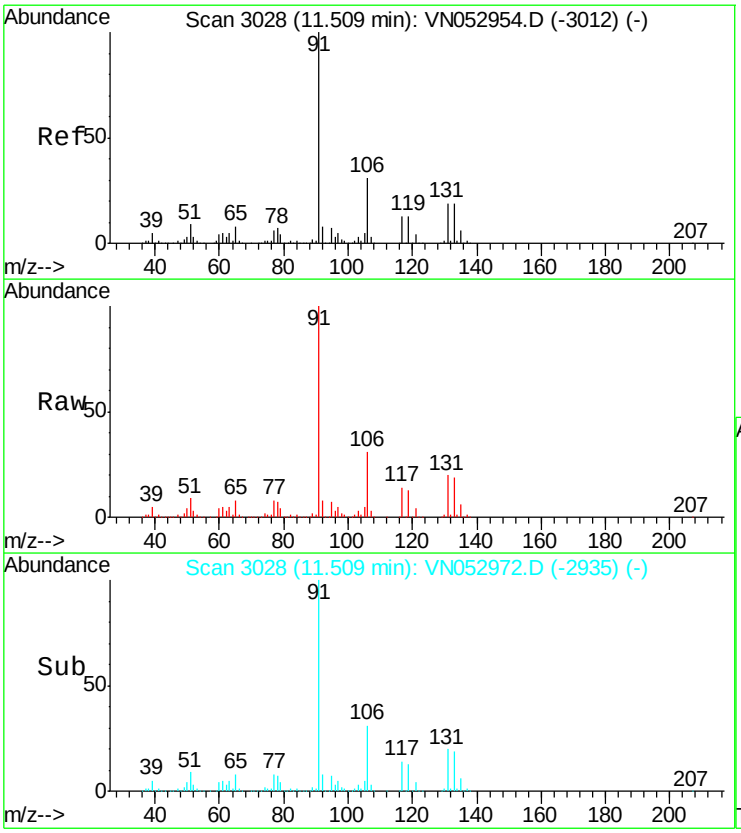
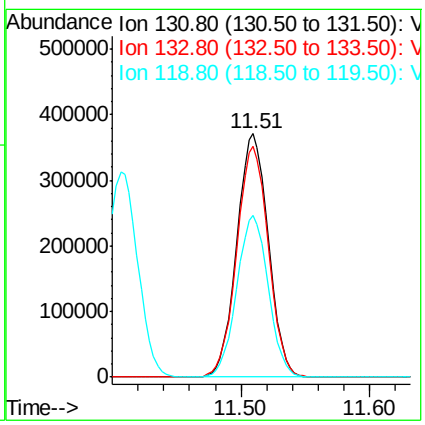


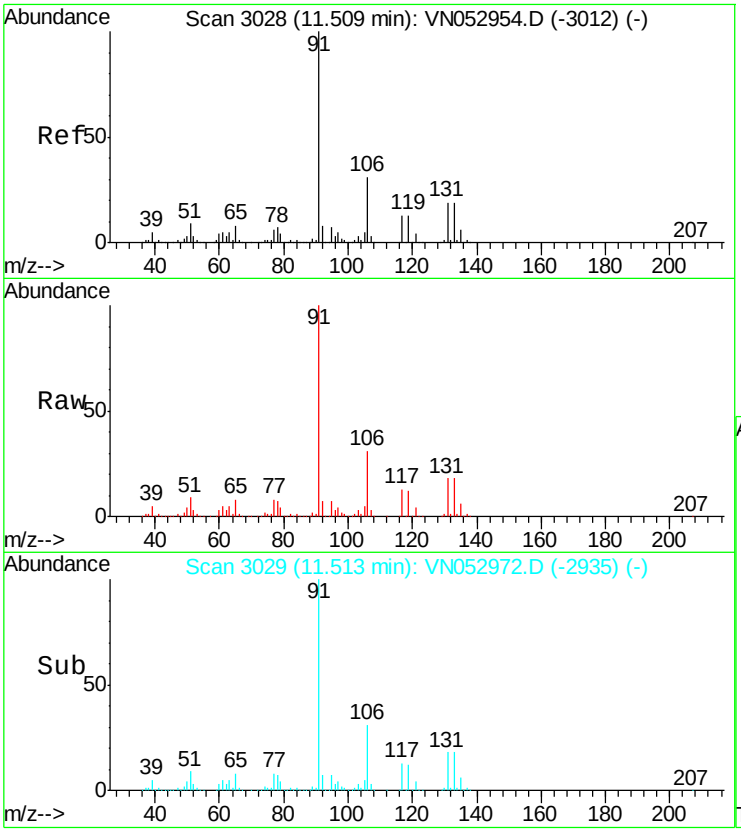


#66
1,1,1,2-Tetrachloroethane
Concen: 49.568 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion:131 Resp: 631482

Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.6	142.9
119	66.4	33.3	99.8





#67
Ethyl Benzene
Concen: 49.660 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 91 Resp: 3128683

Ion	Ratio	Lower	Upper
91	100		
106	31.0	24.9	37.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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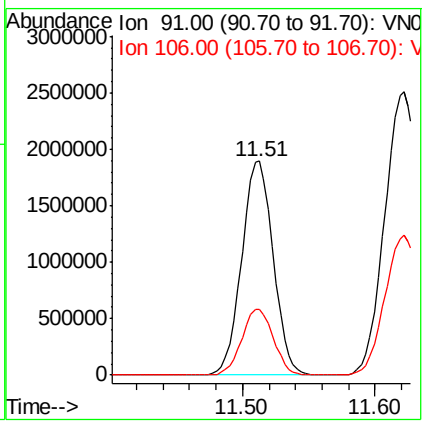
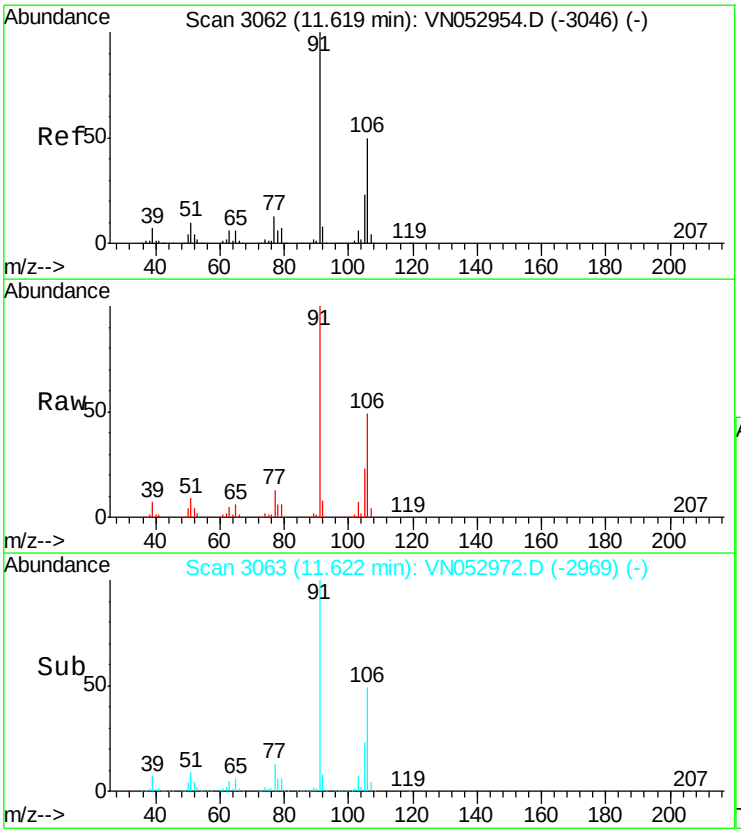
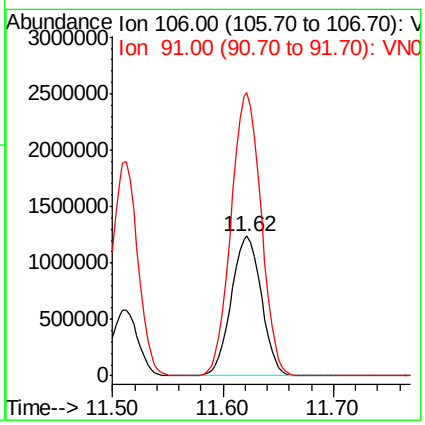


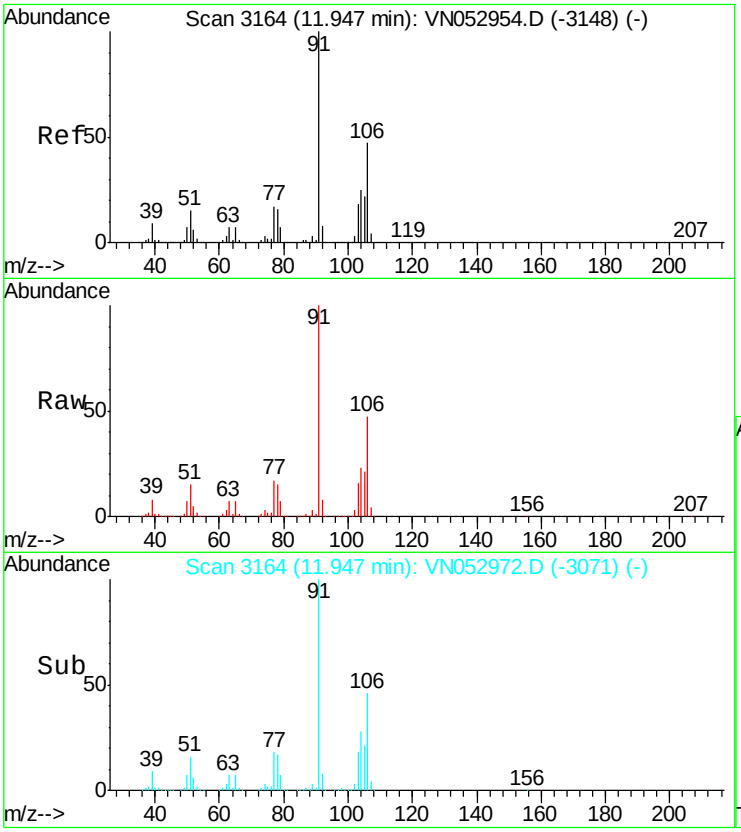


#68
m/p-Xylenes
Concen: 97.827 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion:106 Resp: 2343036

Ion	Ratio	Lower	Upper
106	100		
91	202.4	162.2	243.4





#69
o-Xylene
Concen: 49.813 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion:106 Resp: 1144835

Ion	Ratio	Lower	Upper
106	100		
91	212.7	106.6	319.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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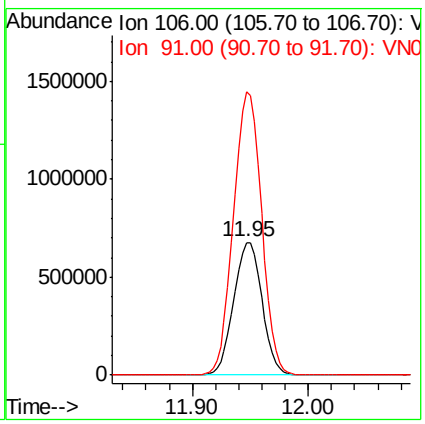
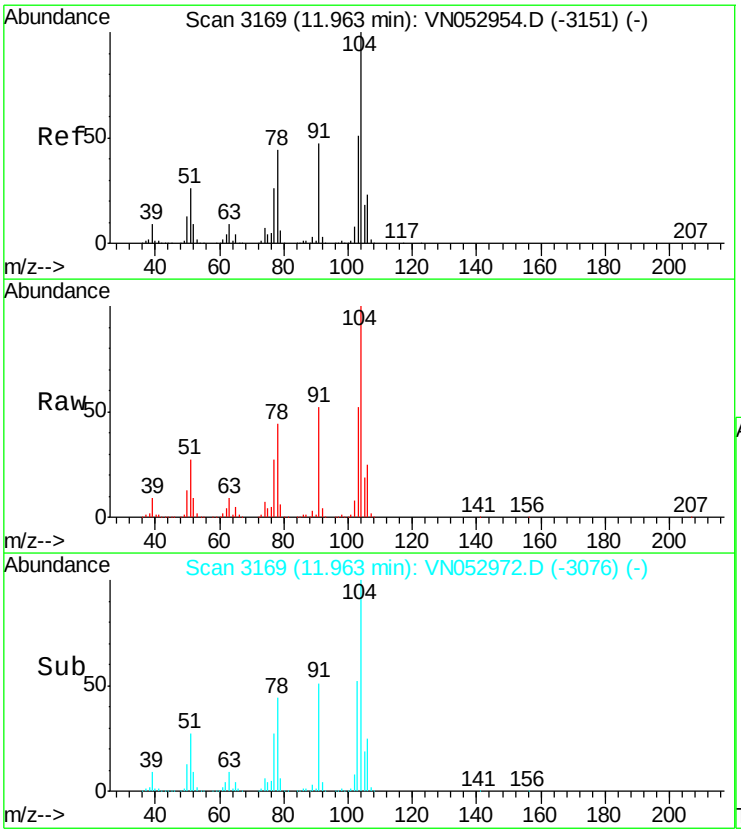
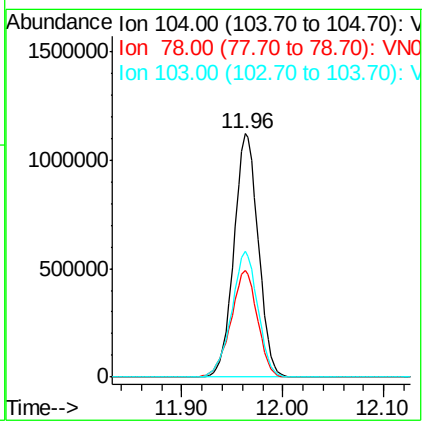


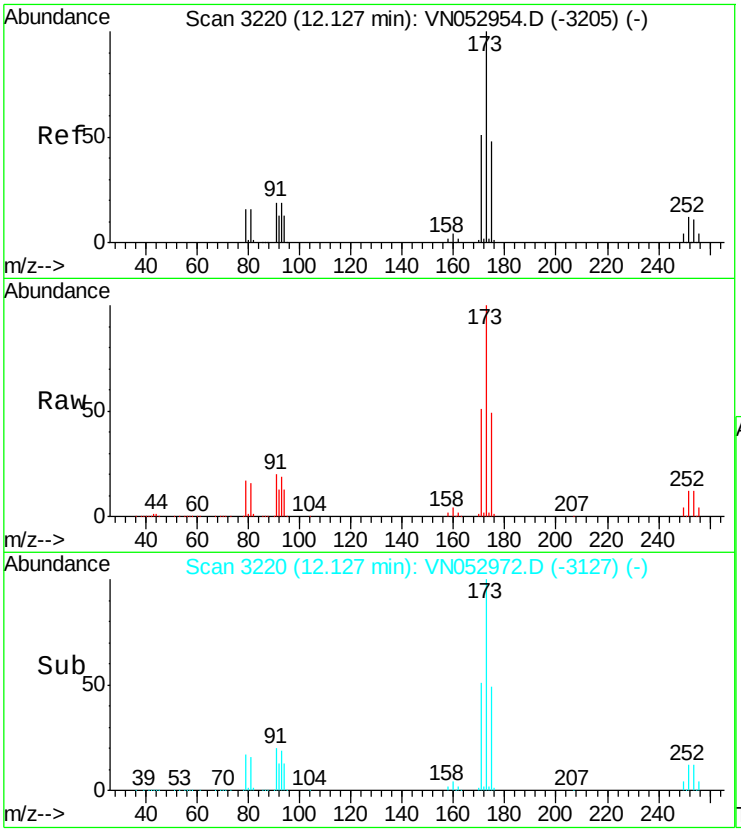


#70
Styrene
Concen: 50.118 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion:104 Resp: 1878197

Ion	Ratio	Lower	Upper
104	100		
78	47.8	38.9	58.3
103	55.5	44.3	66.5





#71
Bromoform
Concen: 48.402 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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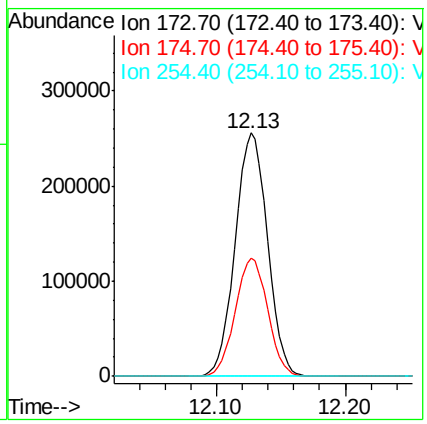
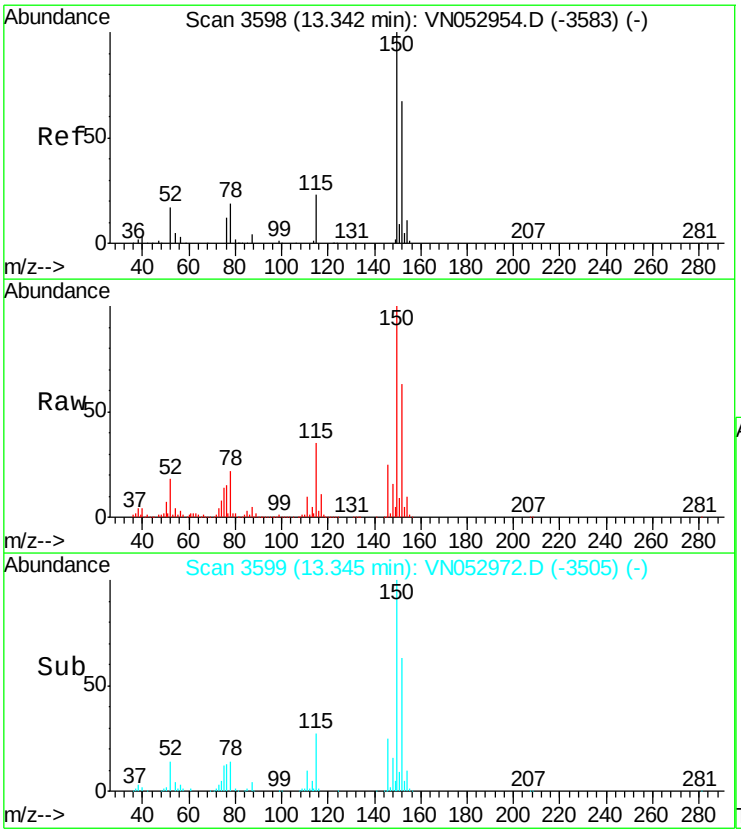
Tgt Ion:173 Resp: 445461

Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.3	72.9
254	0.1	0.1	0.1#

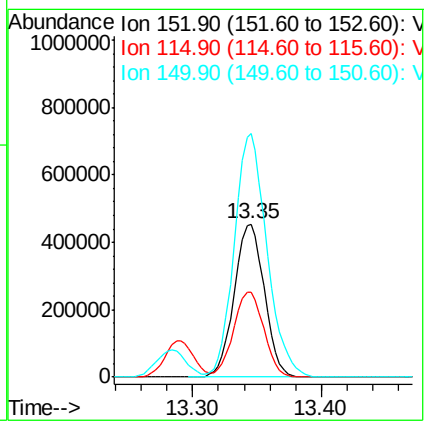


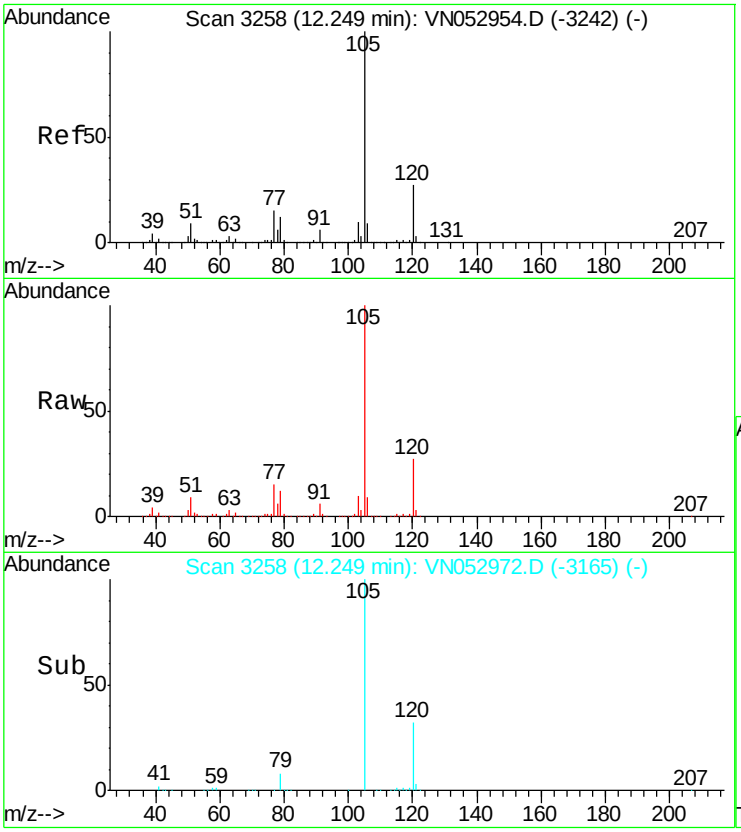


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion:152 Resp: 736512

Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.3	85.0
150	172.5	0.0	347.8





#73
Isopropylbenzene
Concen: 52.633 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion:105 Resp: 3033030

Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.3	39.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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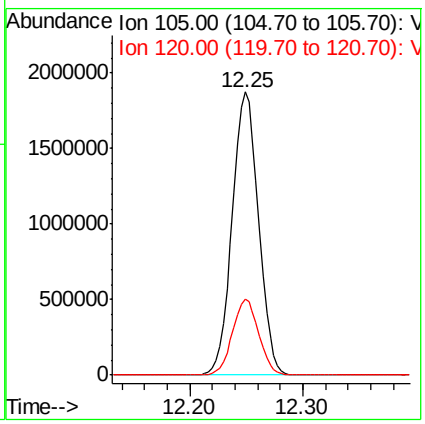
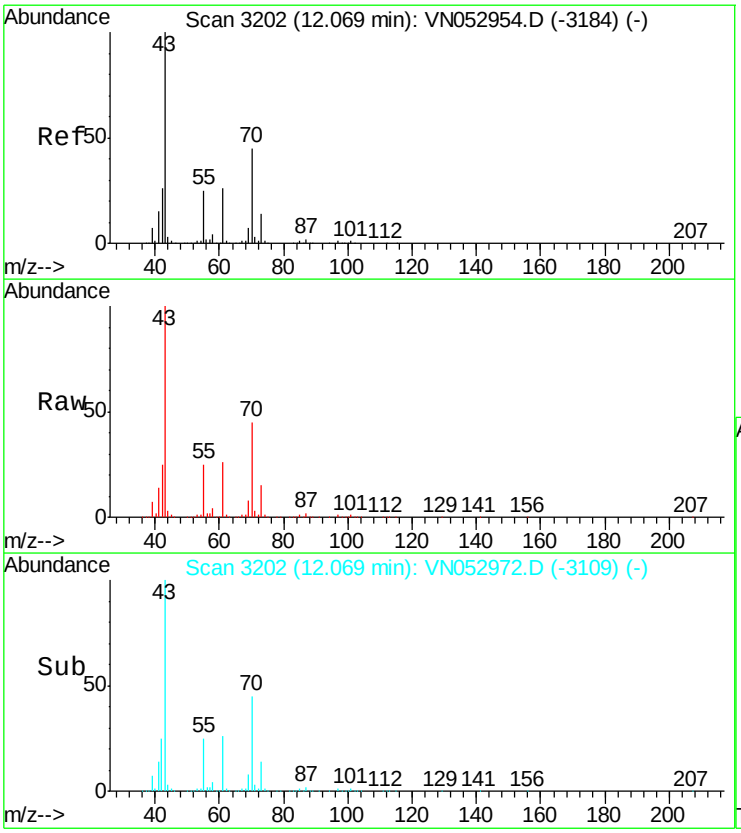
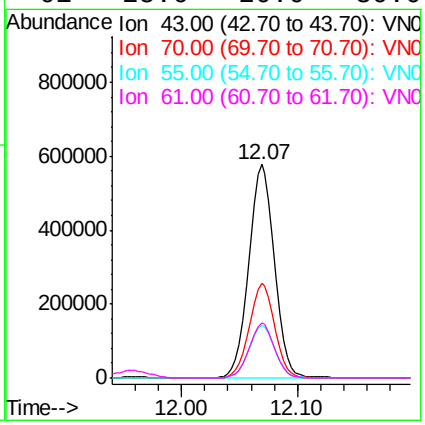


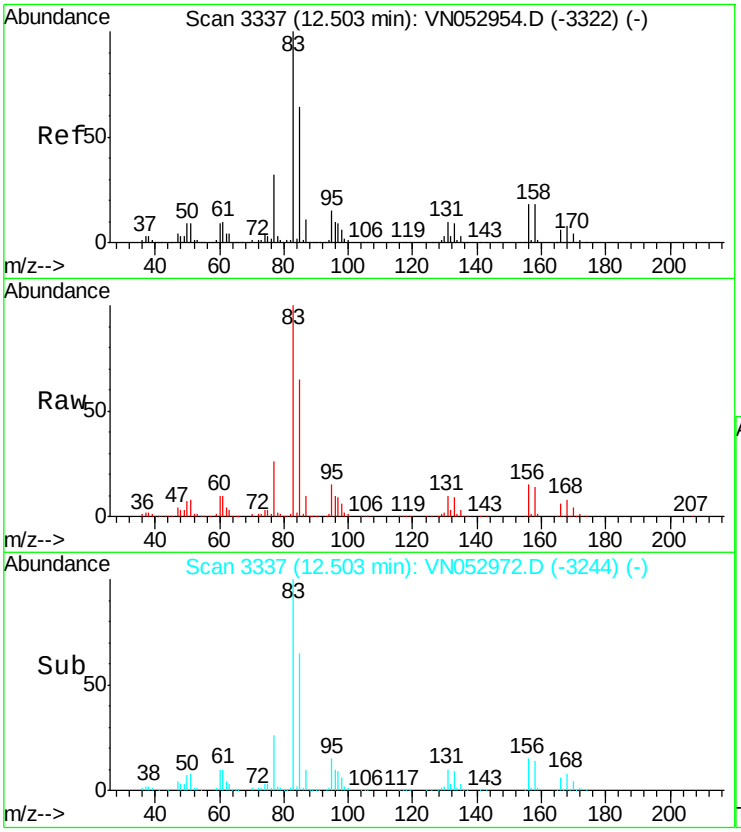


#74
N-amyl acetate
Concen: 55.712 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 43 Resp: 891330

Ion	Ratio	Lower	Upper
43	100		
70	44.4	34.2	51.4
55	25.2	20.3	30.5
61	25.6	20.0	30.0





#75
1,1,2,2-Tetrachloroethane
Concen: 54.349 ug/l
RT: 12.50 min Scan# 3337
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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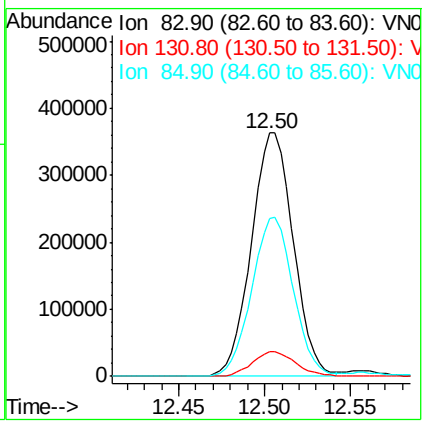
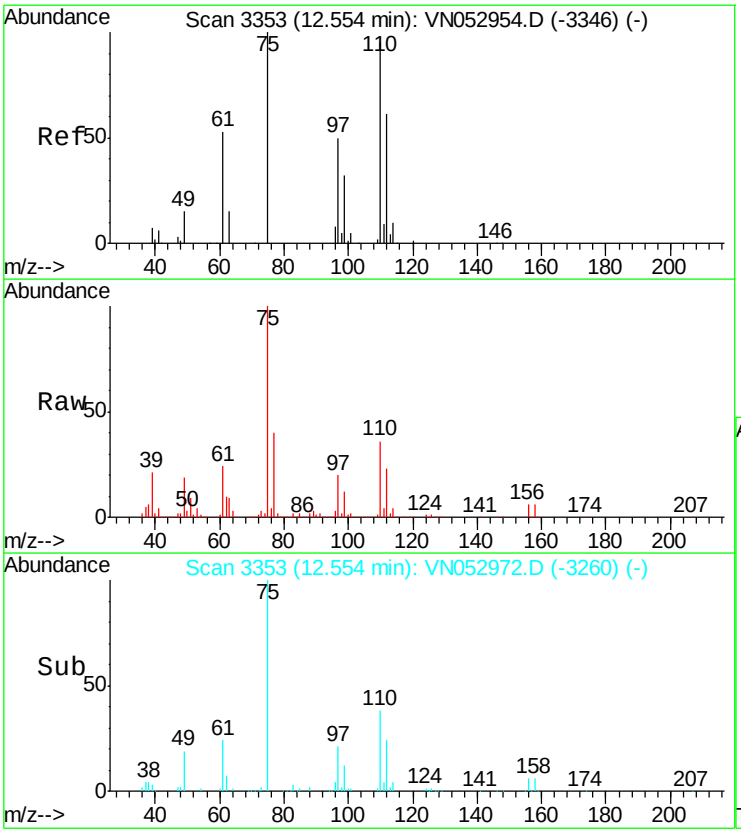
Tgt Ion: 83 Resp: 614432

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.2	15.6
85	65.0	32.4	97.0

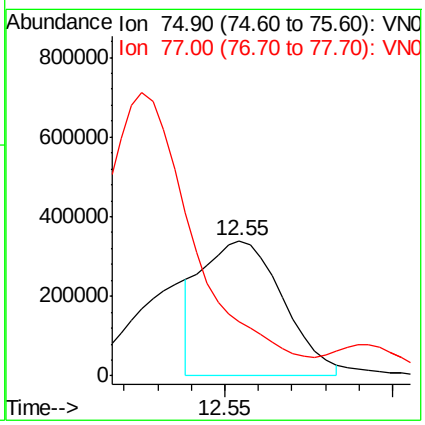


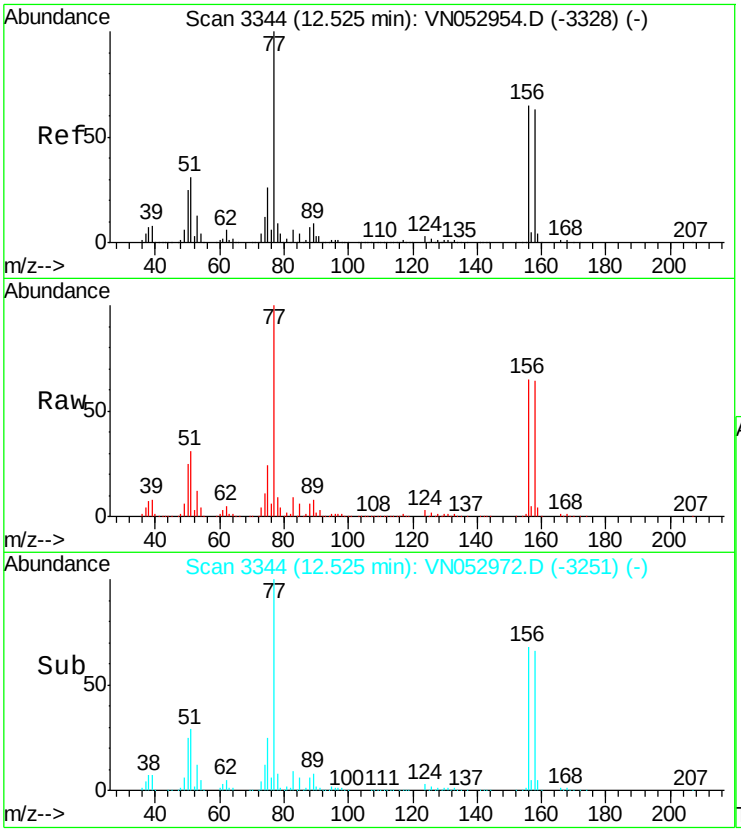


#76
1,2,3-Trichloropropane
Concen: 45.835 ug/l m
RT: 12.55 min Scan# 3353
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 75 Resp: 568287

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77
Bromobenzene
Concen: 51.734 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion:156 Resp: 774948

Ion	Ratio	Lower	Upper
156	100		
77	179.4	91.3	273.8
158	97.2	49.0	147.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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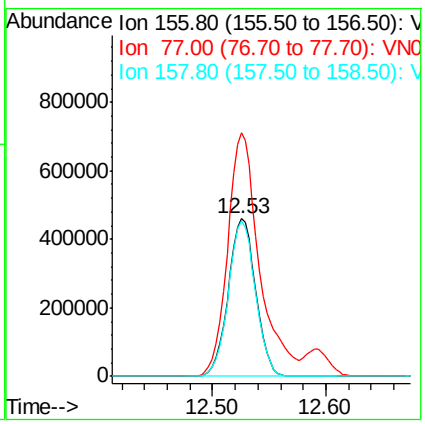
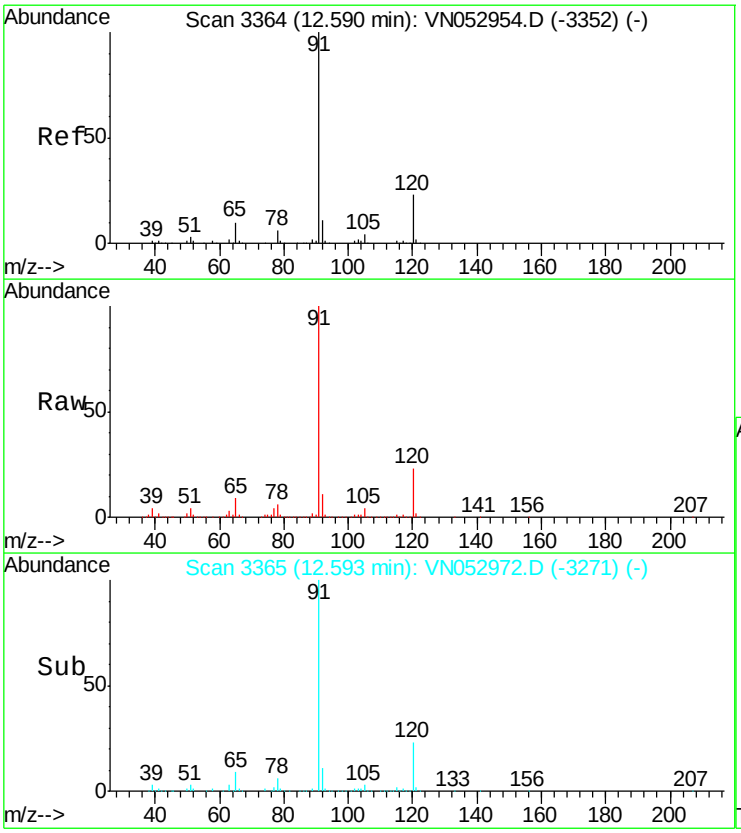
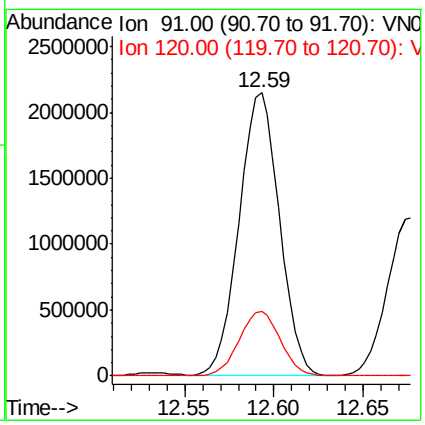


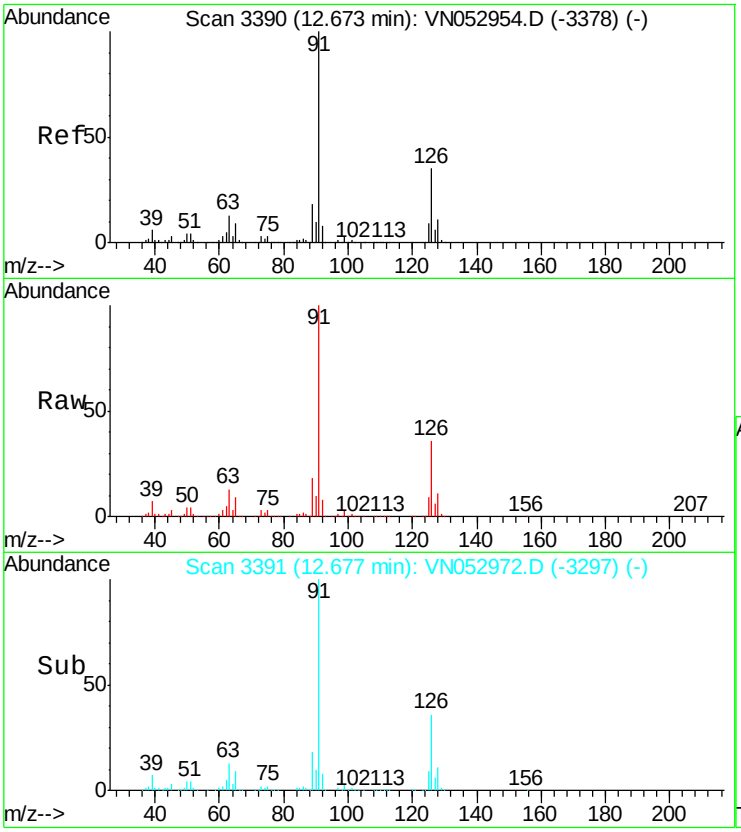


#78
n-propylbenzene
Concen: 51.806 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 91 Resp: 3400027

Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.5	34.5





#79
2-Chlorotoluene
Concen: 48.680 ug/l
RT: 12.68 min Scan# 3391
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 91 Resp: 1980329

Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.4	52.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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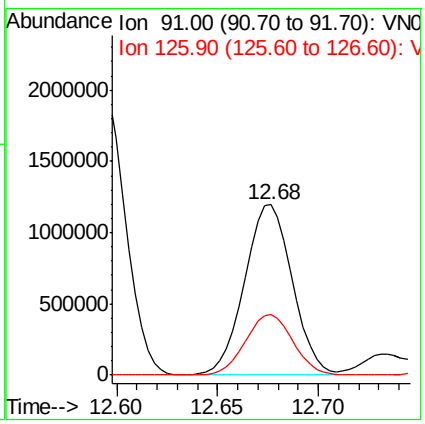
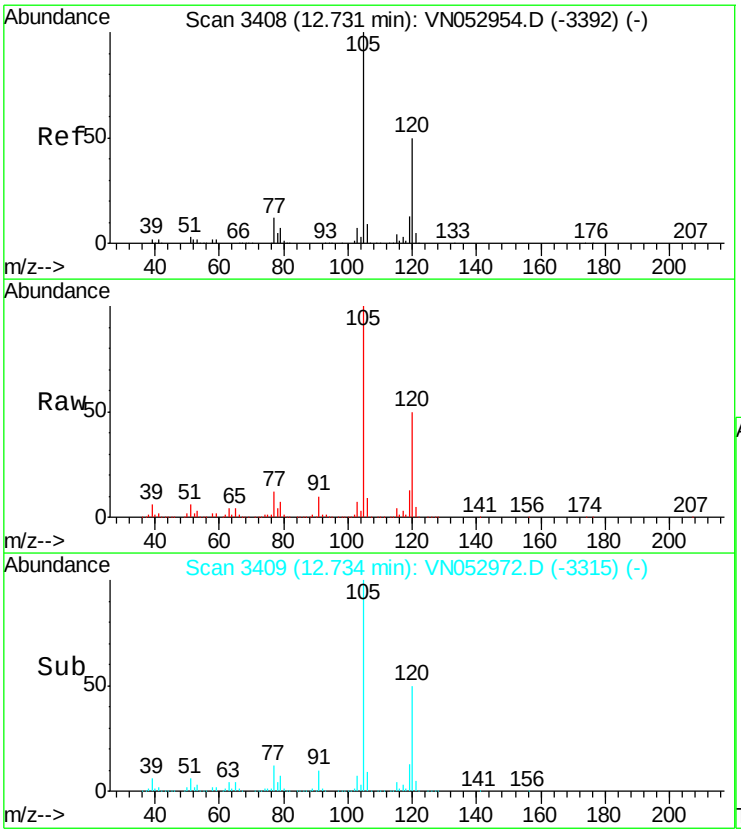
12/19/2018 12:07:22 PM

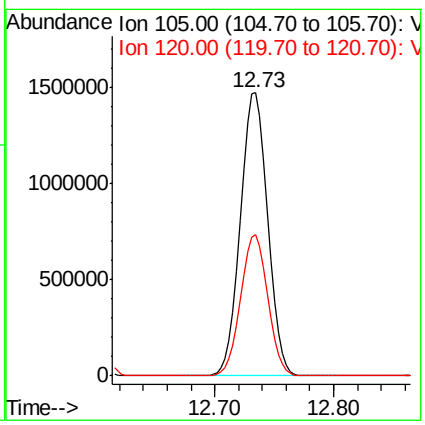


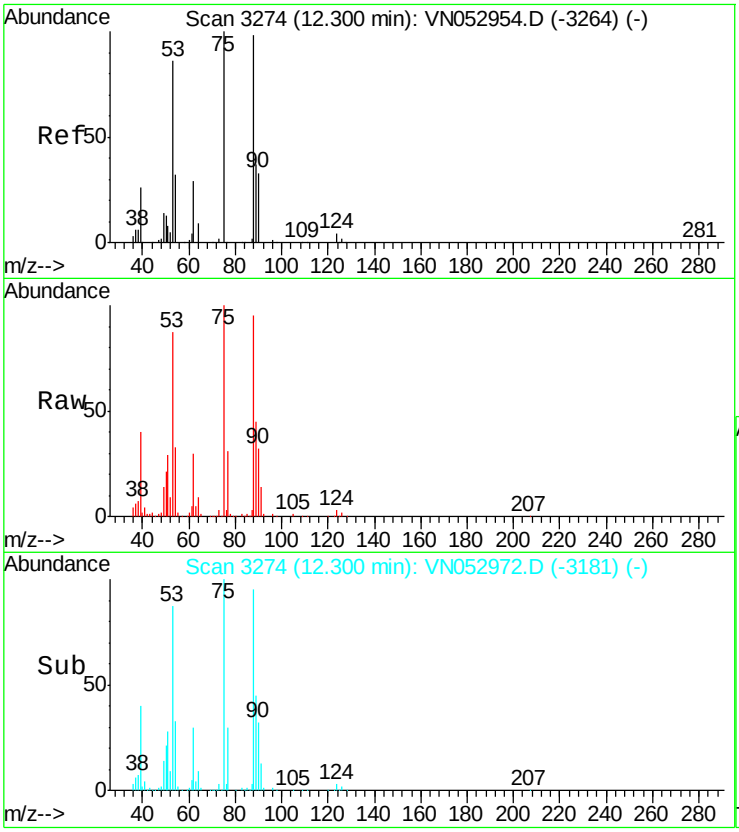


#80
1,3,5-Trimethylbenzene
Concen: 49.920 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion:105 Resp: 2344757

Ion	Ratio	Lower	Upper
105	100		
120	49.6	24.4	73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 53.334 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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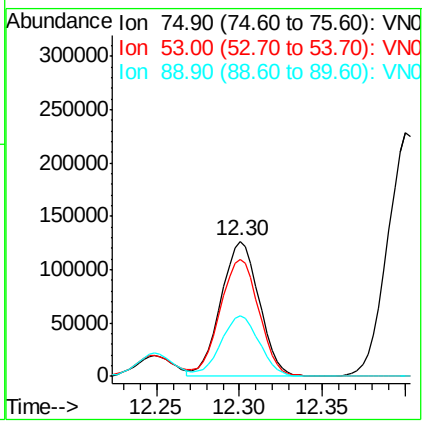
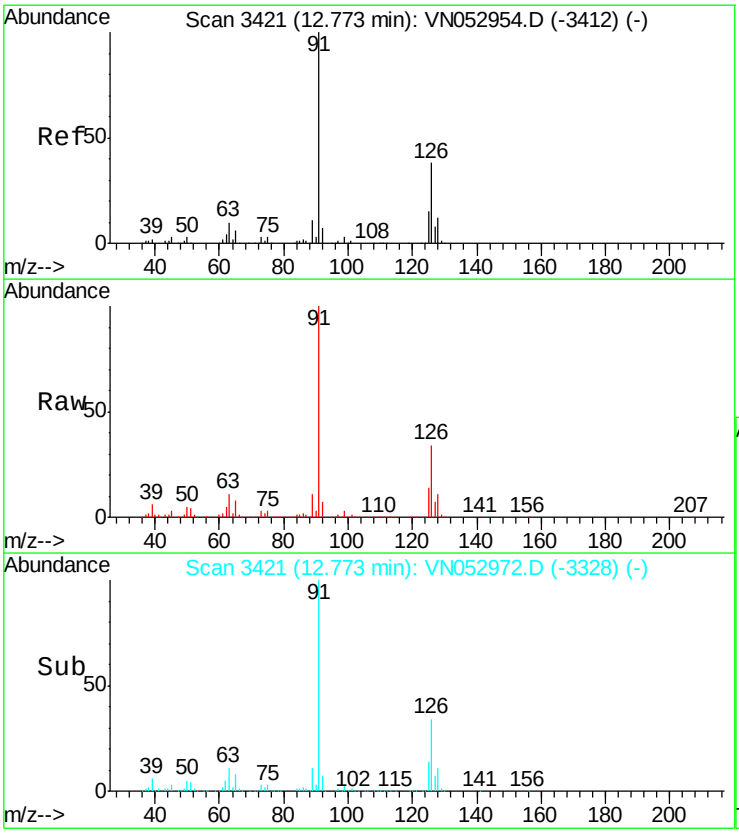
Tgt Ion: 75 Resp: 205161

Ion	Ratio	Lower	Upper
75	100		
53	87.2	74.7	112.1
89	44.5	36.1	54.1

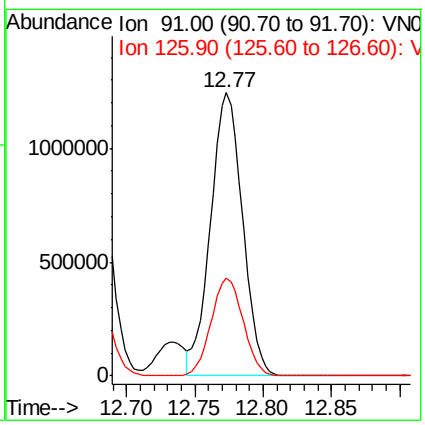


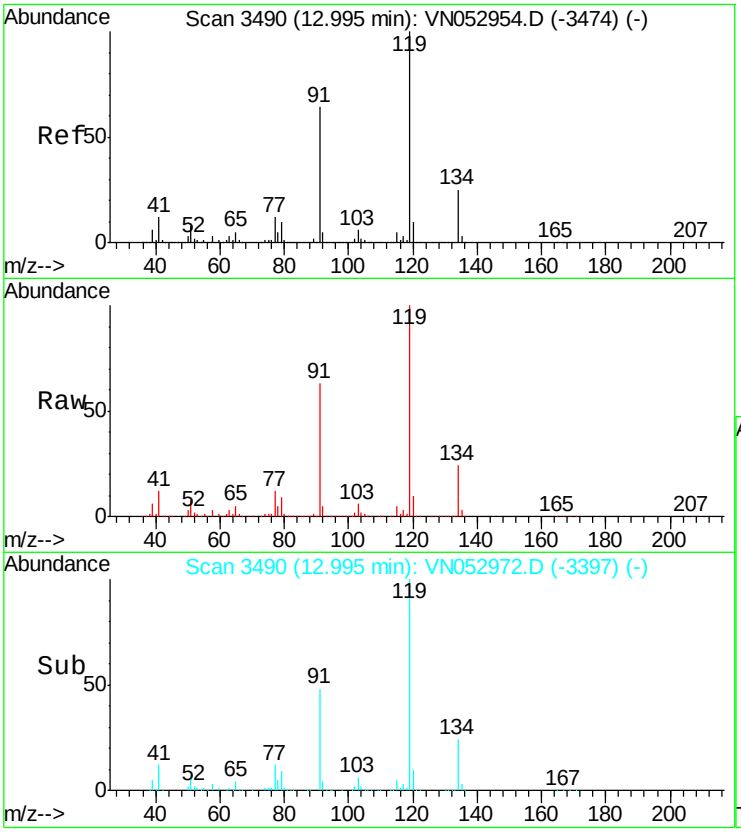


#82
4-Chlorotoluene
Concen: 50.737 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 91 Resp: 2020478

Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.3	51.7





#83
tert-Butylbenzene
Concen: 49.982 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion:119 Resp: 2076300

Ion	Ratio	Lower	Upper
119	100		
91	63.2	31.9	95.5
134	25.5	12.8	38.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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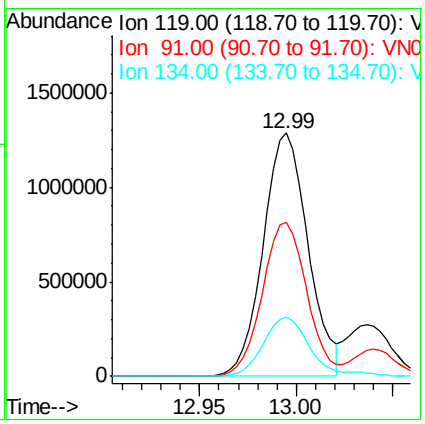
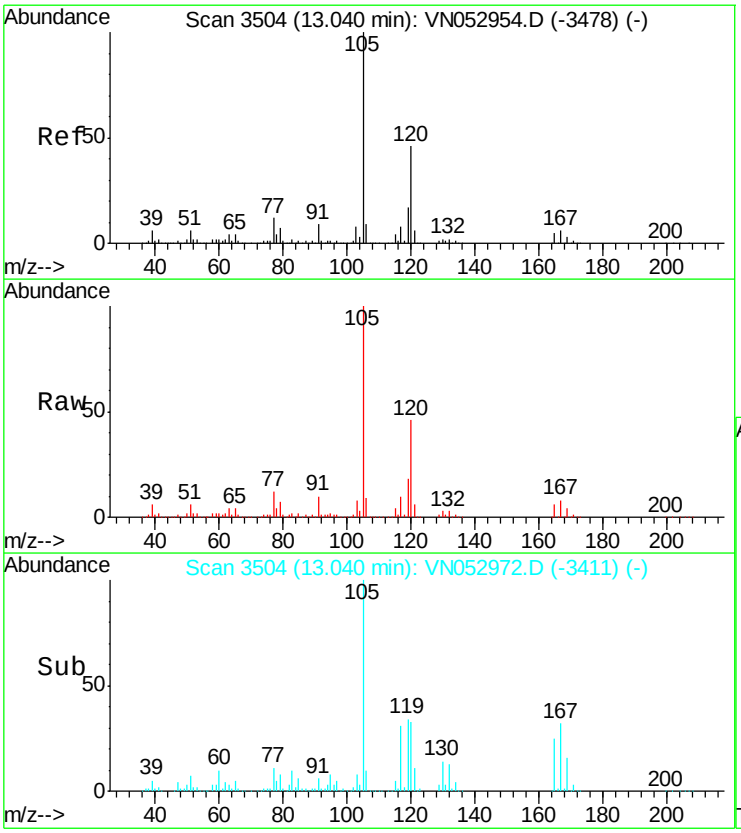
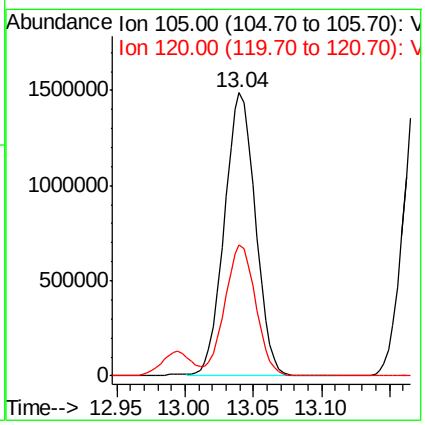


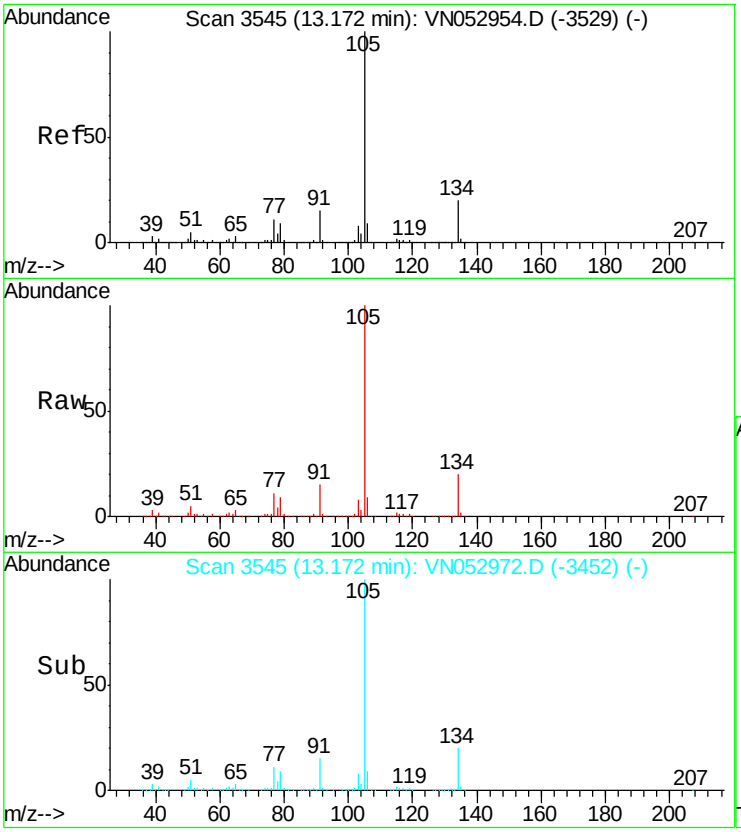


#84
1,2,4-Trimethylbenzene
Concen: 49.709 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion:105 Resp: 2347141

Ion	Ratio	Lower	Upper
105	100		
120	46.3	22.9	68.8





#85
sec-Butylbenzene
Concen: 49.119 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion:105 Resp: 2759877

Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.1	30.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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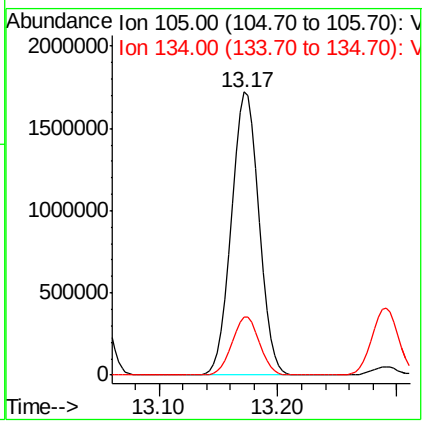
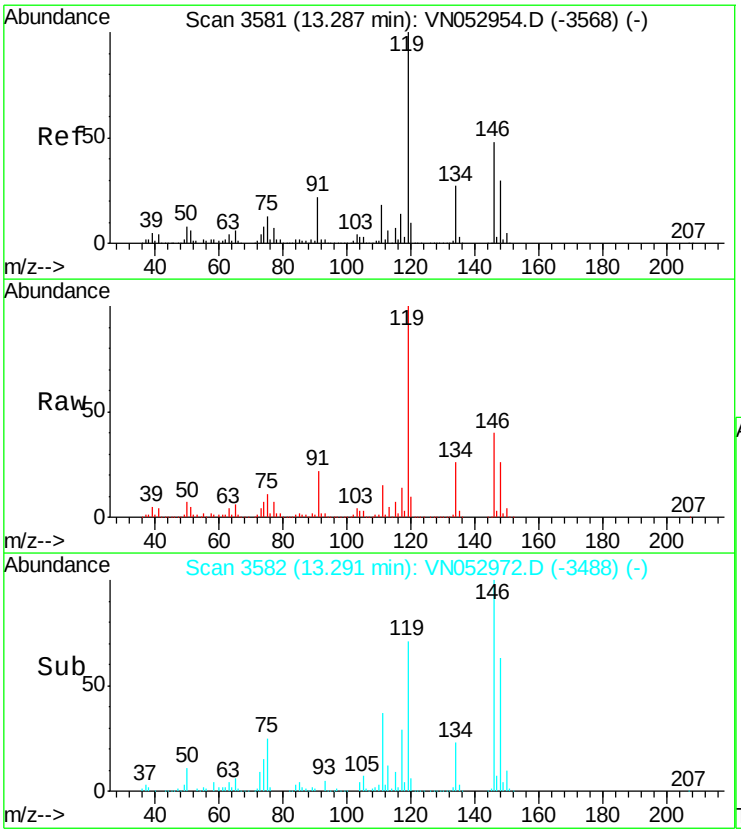
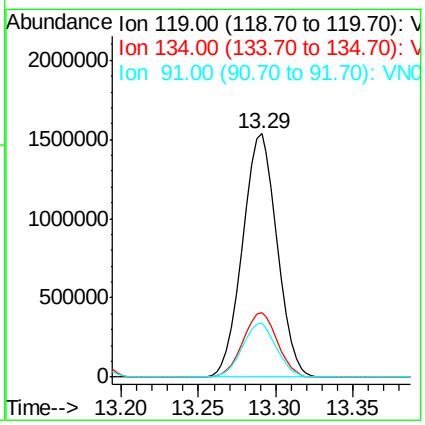


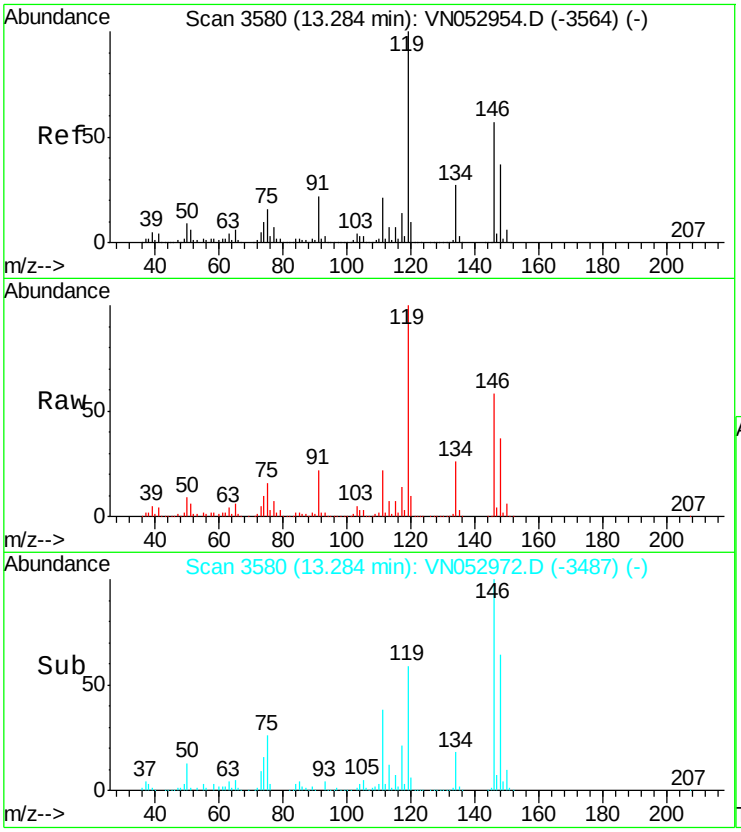


#86
p-Isopropyltoluene
Concen: 49.009 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion:119 Resp: 2379415

Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.4	40.2
91	21.8	11.1	33.3





#87
1,3-Dichlorobenzene
Concen: 48.466 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion:146 Resp: 1284919

Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.1	57.1
148	63.3	32.0	96.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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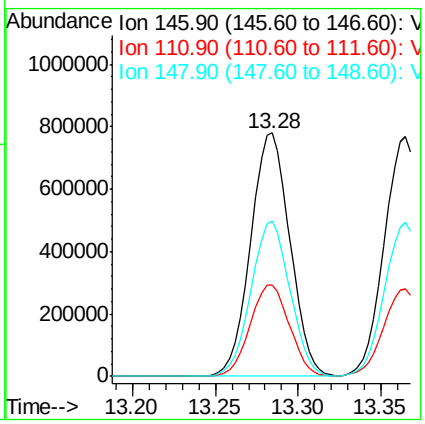
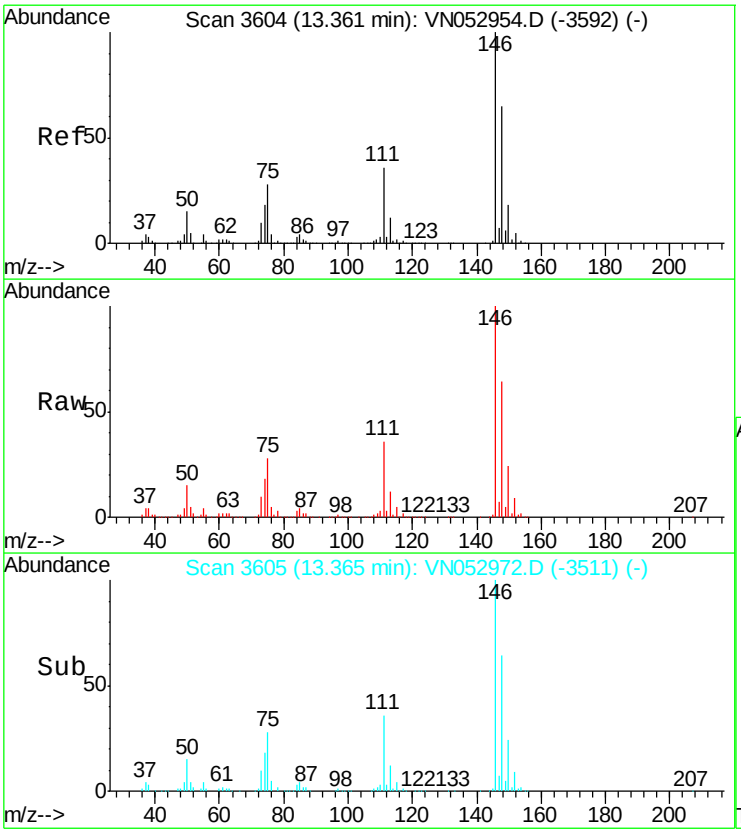
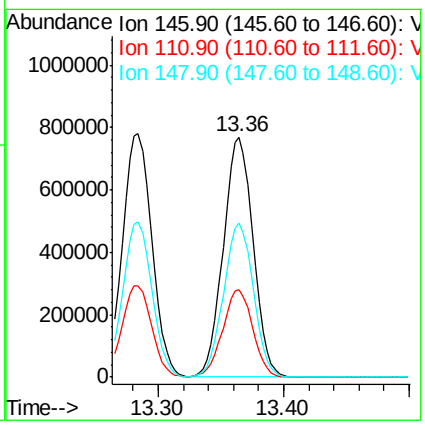


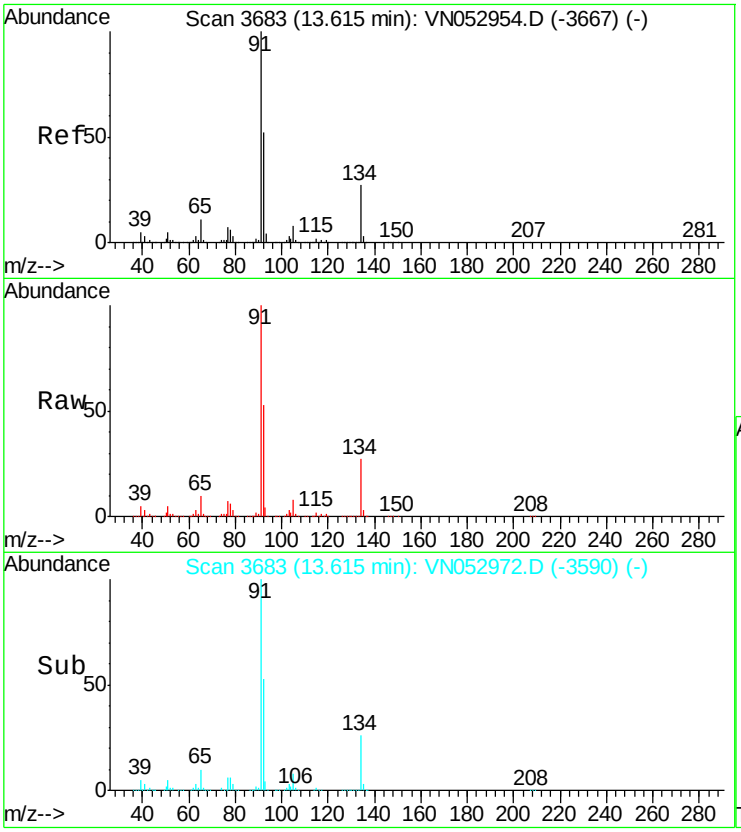


#88
1,4-Dichlorobenzene
Concen: 47.116 ug/l
RT: 13.36 min Scan# 3605
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion:146 Resp: 1264987

Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.6	55.8
148	64.3	32.1	96.5





#89
n-Butylbenzene
Concen: 46.205 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 91 Resp: 1929938

Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.3	78.9
134	26.8	13.3	39.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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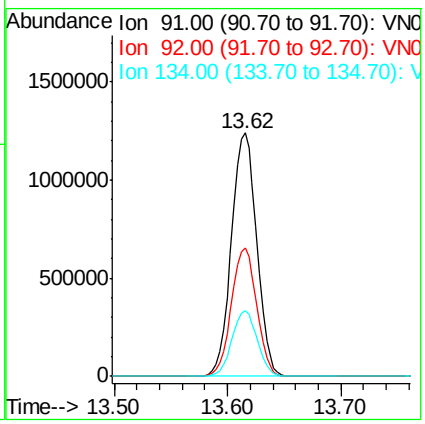
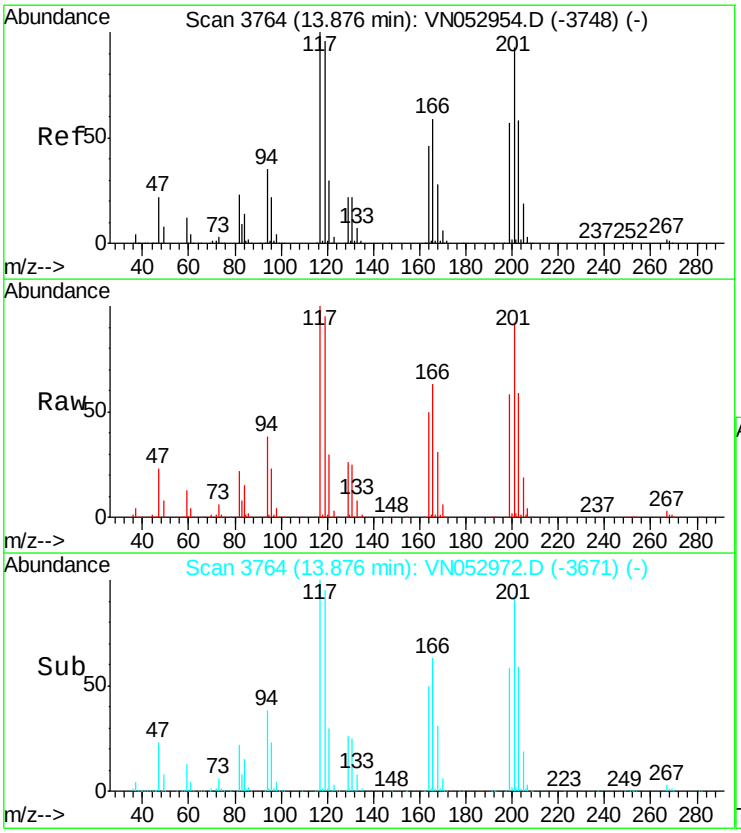
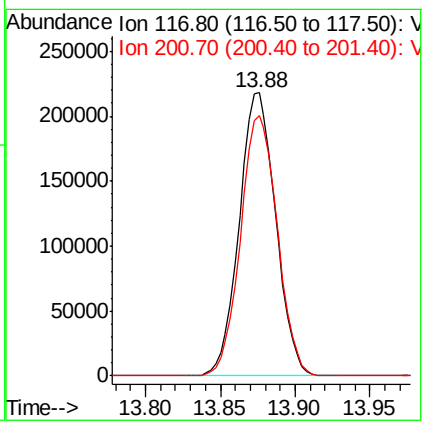


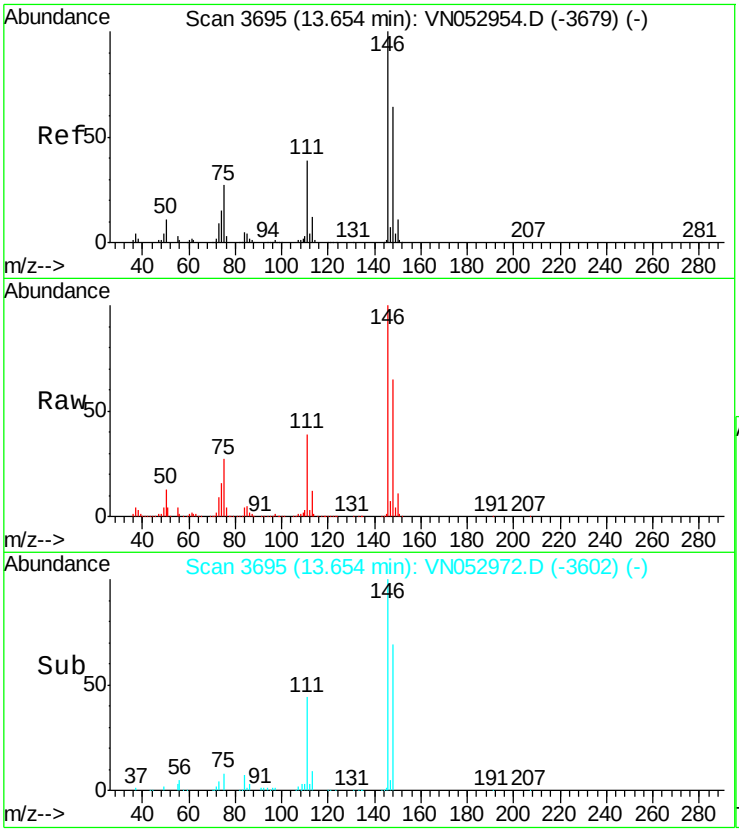


#90
Hexachloroethane
Concen: 49.689 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion:117 Resp: 370206

Ion	Ratio	Lower	Upper
117	100		
201	92.6	45.7	137.1





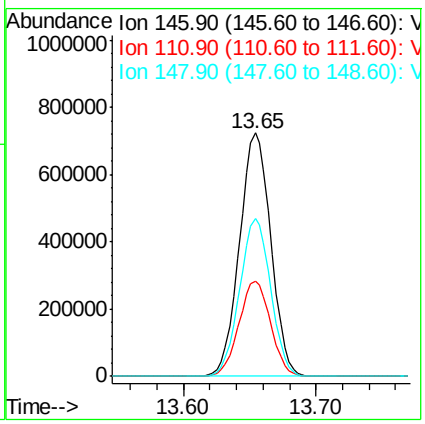
#91
1,2-Dichlorobenzene
Concen: 47.508 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

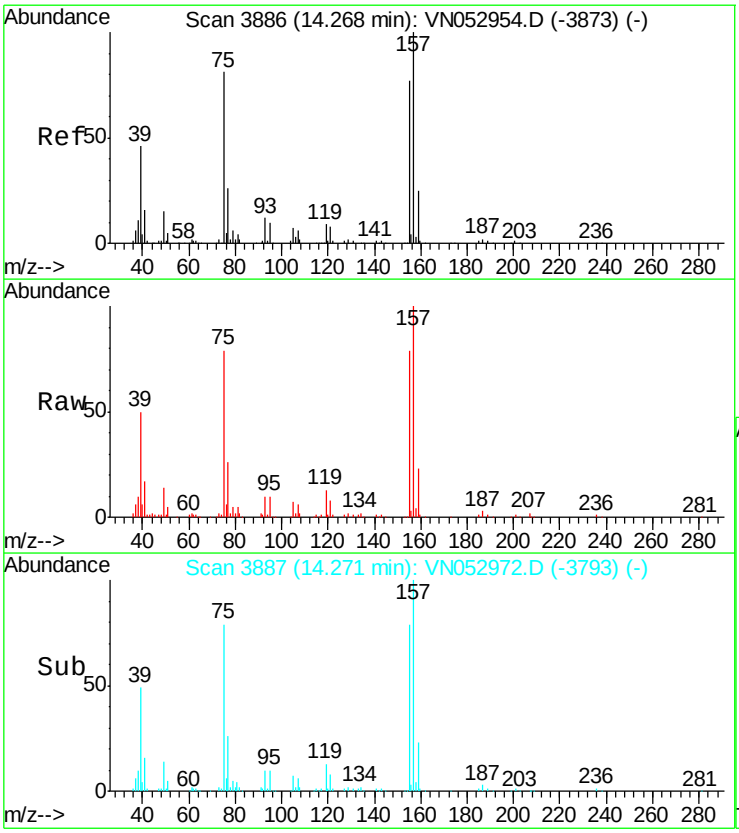
Tgt Ion:146 Resp: 1185405

Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.7	59.0
148	64.4	32.0	96.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
12/19/2018 12:07:22 PM

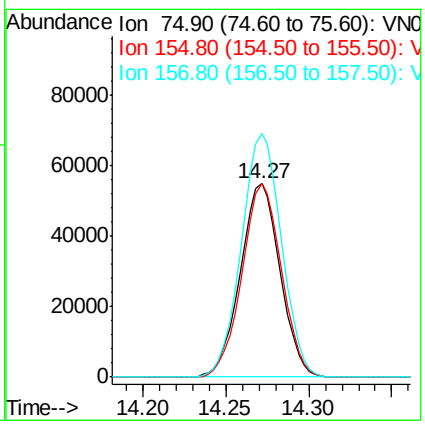


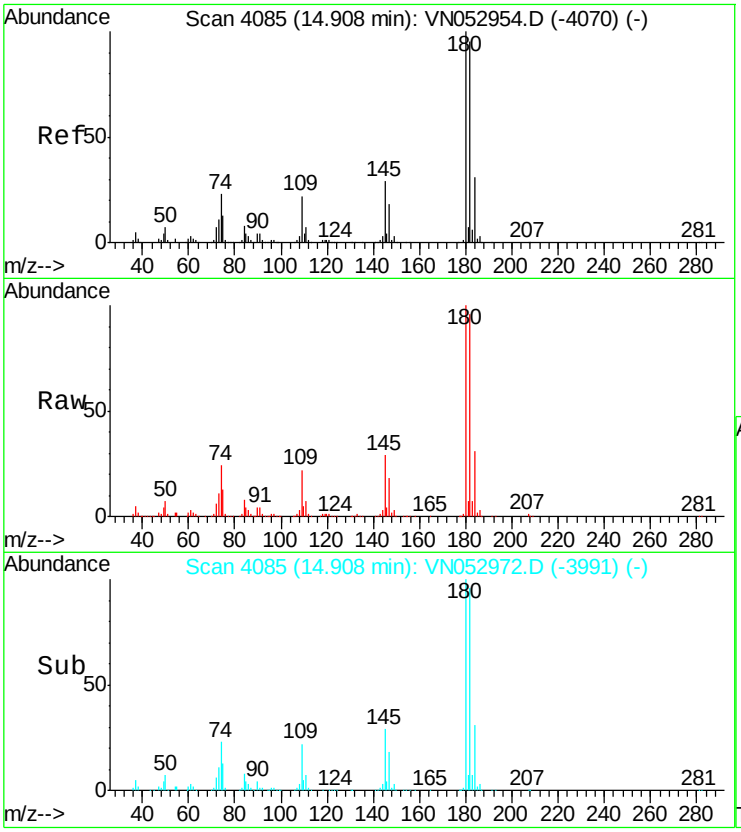


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.808 ug/l
RT: 14.27 min Scan# 3887
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion: 75 Resp: 91498

Ion	Ratio	Lower	Upper
75	100		
155	98.8	48.2	144.6
157	127.0	61.2	183.5





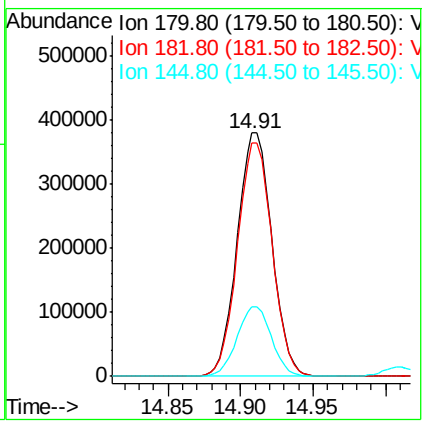
#93
1,2,4-Trichlorobenzene
Concen: 47.809 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

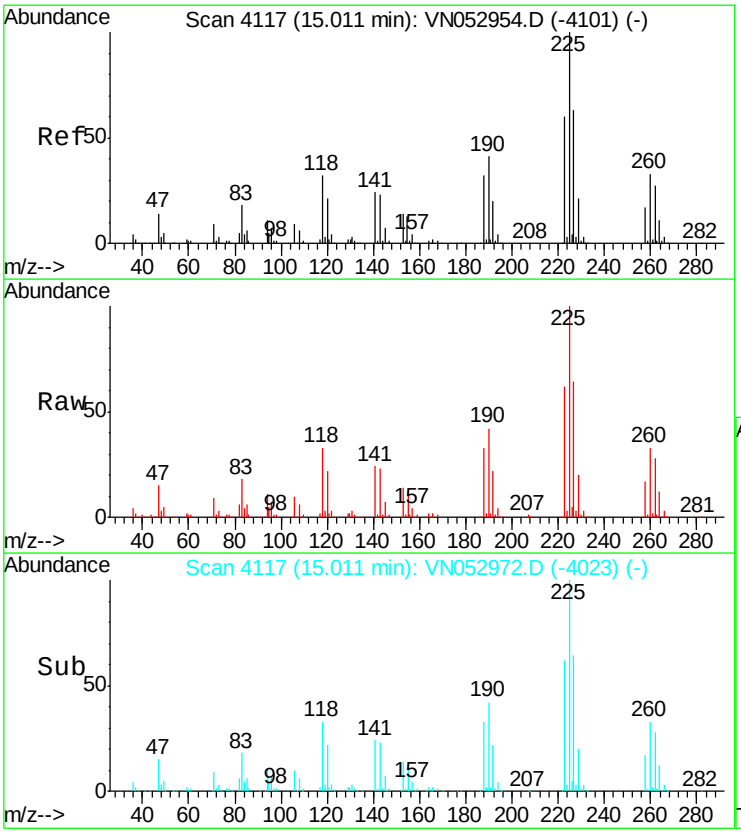
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
12/19/2018 12:07:22 PM

Tgt Ion:180 Resp: 631663

Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.8	143.3
145	28.4	14.2	42.6

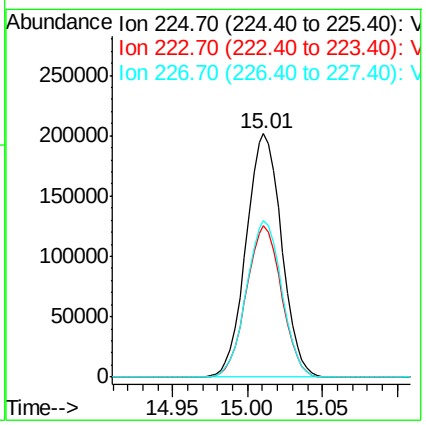


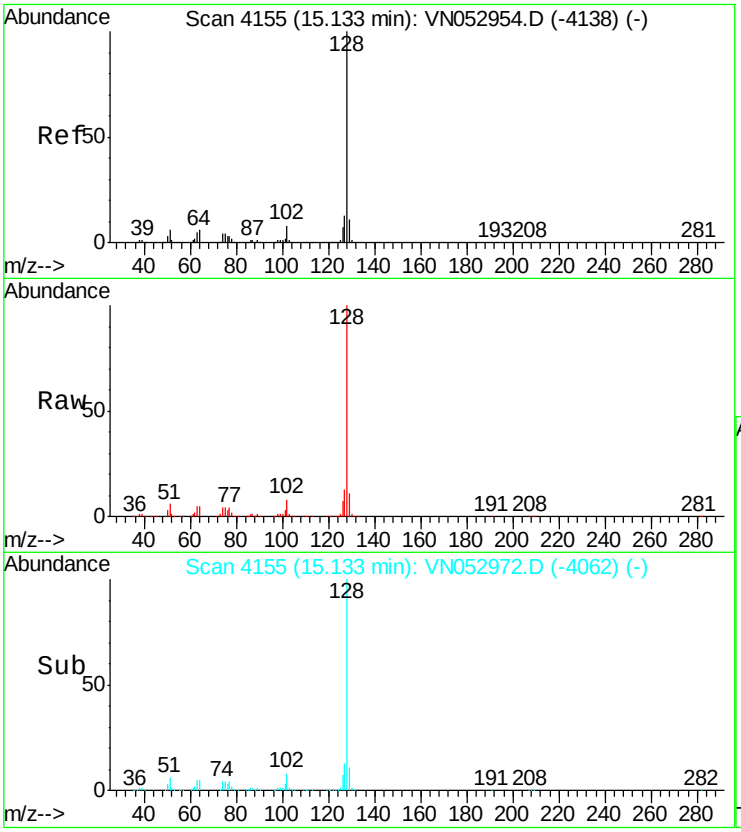


#94
Hexachlorobutadiene
Concen: 48.430 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion:225 Resp: 332105

Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.5	94.5
227	64.3	31.9	95.7





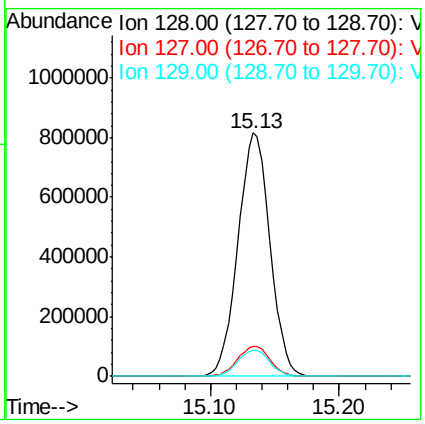
#95
Naphthalene
Concen: 48.605 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

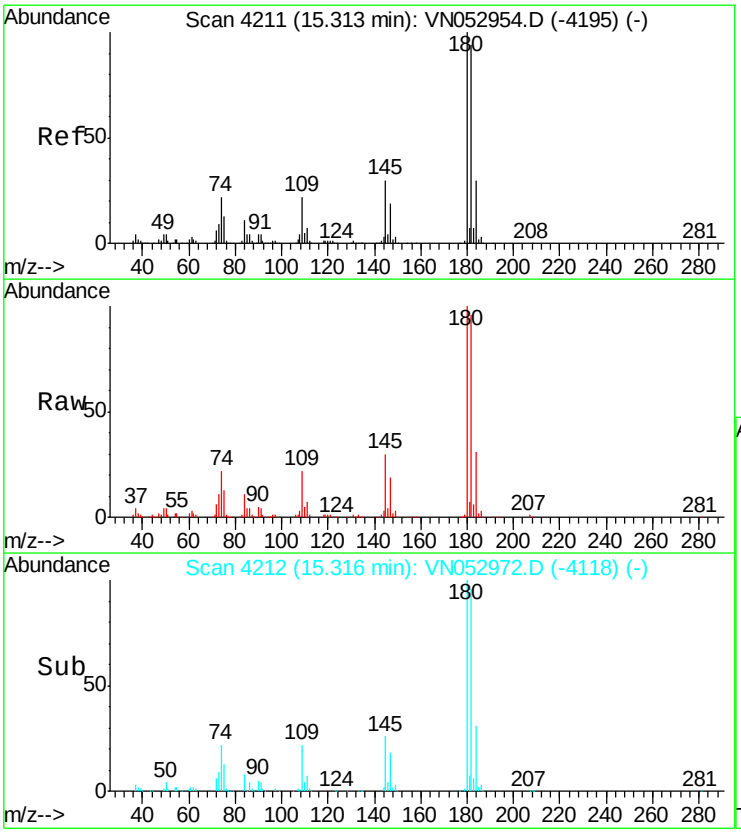
Tgt Ion:128 Resp: 1406541

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.7	8.6	13.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
12/19/2018 12:07:22 PM





#96
1,2,3-Trichlorobenzene
Concen: 48.030 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN052972.D
Acq: 18 Dec 2018 20:11

Tgt Ion:180 Resp: 571518

Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.9	143.7
145	30.0	15.0	45.0