Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082418\
Data File : VN050869.D
Acq On : 24 Aug 2018 12:00
Operator : MD\SY
Sample : VN0824MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
MMDadoda
8/25/2018 1:18:38 PM

Quant Time: Aug 24 23:08:49 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	596254	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	863287	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.41	117	776253	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	380314	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.03	65	348503	48.55 ug/l	0.00
Spiked Amount 50.000			Recovery	= 97.10%	
35) Dibromofluoromethane	7.59	113	333942	48.62 ug/l	0.00
Spiked Amount 50.000			Recovery	= 97.24%	
50) Toluene-d8	10.09	98	1249566	48.66 ug/l	0.00
Spiked Amount 50.000			Recovery	= 97.32%	
62) 4-Bromofluorobenzene	12.40	95	402927	47.22 ug/l	0.00
Spiked Amount 50.000			Recovery	= 94.44%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	169973	21.301 ug/l	99
3) Chloromethane	2.06	50	189332	19.237 ug/l	99
4) Vinyl Chloride	2.18	62	183375	19.669 ug/l	100
5) Bromomethane	2.57	94	106264	19.400 ug/l	96
6) Chloroethane	2.70	64	105501	19.585 ug/l	99
7) Trichlorofluoromethane	3.01	101	237493	19.893 ug/l	99
8) Diethyl Ether	3.41	74	80582	19.851 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	146466	19.637 ug/l	99
10) Methyl Iodide	3.95	142	106680	20.572 ug/l	99
11) Tert butyl alcohol	4.79	59	44990	98.428 ug/l #	86
12) 1,1-Dichloroethene	3.73	96	131525	19.640 ug/l	99
13) Acrolein	3.61	56	19600	86.084 ug/l	98
14) Allyl chloride	4.33	41	204412	19.589 ug/l	99
15) Acrylonitrile	4.99	53	227073	97.752 ug/l	100
16) Acetone	3.82	43	170041	95.676 ug/l	99
17) Carbon Disulfide	4.05	76	397792	17.719 ug/l	99
18) Methyl Acetate	4.33	43	134940	19.908 ug/l	100
19) Methyl tert-butyl Ether	5.05	73	343470	20.390 ug/l	99
20) Methylene Chloride	4.55	84	152853	18.894 ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	137948	19.045 ug/l	99
22) Diisopropyl ether	5.95	45	430759	20.713 ug/l	96
23) Vinyl Acetate	5.90	43	1317231	98.354 ug/l	100
24) 1,1-Dichloroethane	5.85	63	262186	19.638 ug/l	98
25) 2-Butanone	6.84	43	251315	86.879 ug/l	99
26) 2,2-Dichloropropane	6.83	77	210363	19.609 ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	156749	20.073 ug/l	99
28) Bromochloromethane	7.20	49	109888	19.370 ug/l	99
29) Tetrahydrofuran	7.22	42	168456	101.570 ug/l	99
30) Chloroform	7.37	83	264823	20.031 ug/l	100
31) Cyclohexane	7.65	56	232126	19.415 ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	221533	19.508 ug/l	99
36) 1,1-Dichloropropene	7.80	75	196617	19.300 ug/l	98
37) Ethyl Acetate	6.93	43	116118	19.843 ug/l	99
38) Carbon Tetrachloride	7.78	117	201411	19.559 ug/l	99

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082418\
Data File : VN050869.D
Acq On : 24 Aug 2018 12:00
Operator : MD\SY
Sample : VN0824MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 24 23:08:49 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	9.08	83	207266	18.806 ug/l	98
40) Benzene	8.04	78	611037	19.891 ug/l	100
41) Methacrylonitrile	7.18	41	65692	20.743 ug/l	91
42) 1,2-Dichloroethane	8.13	62	181167	19.726 ug/l	99
43) Isopropyl Acetate	8.17	43	201927	20.069 ug/l	98
44) Trichloroethene	8.84	130	158718	19.591 ug/l	100
45) 1,2-Dichloropropane	9.12	63	160265	19.850 ug/l	100
46) Dibromomethane	9.21	93	93350	19.678 ug/l	99
47) Bromodichloromethane	9.40	83	199767	20.105 ug/l	98
48) Methyl methacrylate	9.20	41	97536	19.021 ug/l	99
49) 1,4-Dioxane	9.20	88	27570	394.406 ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	566631	94.372 ug/l	99
52) Toluene	10.16	92	369885	20.326 ug/l	100
53) t-1,3-Dichloropropene	10.38	75	185339	18.740 ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	221363	19.546 ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	134298	19.884 ug/l	98
56) Ethyl methacrylate	10.43	69	151121	18.741 ug/l	98
57) 1,3-Dichloropropane	10.71	76	221962	19.910 ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	318389	91.206 ug/l	100
59) 2-Hexanone	10.75	43	361727	90.496 ug/l	98
60) Dibromochloromethane	10.90	129	146708	19.400 ug/l	99
61) 1,2-Dibromoethane	11.01	107	130133	19.925 ug/l	99
64) Tetrachloroethene	10.63	164	143897	19.517 ug/l	99
65) Chlorobenzene	11.43	112	397300	19.581 ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	147129	19.819 ug/l	98
67) Ethyl Benzene	11.51	91	651107	19.739 ug/l	100
68) m/p-Xylenes	11.62	106	511070	40.819 ug/l	99
69) o-Xylene	11.95	106	245210	20.371 ug/l	99
70) Styrene	11.96	104	384597	18.940 ug/l	100
71) Bromoform	12.13	173	100032	19.594 ug/l #	100
73) Isopropylbenzene	12.25	105	642045	20.388 ug/l	100
74) N-amyl acetate	12.07	43	151337	19.126 ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	163946	20.884 ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	140188m	21.045 ug/l	
77) Bromobenzene	12.53	156	168278	19.662 ug/l	98
78) n-propylbenzene	12.59	91	722610	20.541 ug/l	100
79) 2-Chlorotoluene	12.67	91	443233	20.227 ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	535348	21.068 ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	38418	19.497 ug/l	97
82) 4-Chlorotoluene	12.77	91	439880	20.334 ug/l	99
83) tert-Butylbenzene	12.99	119	452593	20.567 ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	529326	20.709 ug/l	99
85) sec-Butylbenzene	13.17	105	597548	20.722 ug/l	99
86) p-Isopropyltoluene	13.29	119	517722	21.071 ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	282800	19.471 ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	271997	19.029 ug/l	99
89) n-Butylbenzene	13.62	91	372740	18.967 ug/l	99
90) Hexachloroethane	13.87	117	93828	20.147 ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	280101	19.990 ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21777	19.255 ug/l	99

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082418\
Data File : VN050869.D
Acq On : 24 Aug 2018 12:00
Operator : MD\SY
Sample : VN0824MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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8/25/2018 1:18:38 PM

Quant Time: Aug 24 23:08:49 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	103289	17.095	ug/l	99
94) Hexachlorobutadiene	15.01	225	84970	19.780	ug/l	100
95) Naphthalene	15.13	128	183933	16.197	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	105001	17.650	ug/l	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082418\
Data File : VN050869.D
Acq On : 24 Aug 2018 12:00
Operator : MD\SY
Sample : VN0824MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 24 23:08:49 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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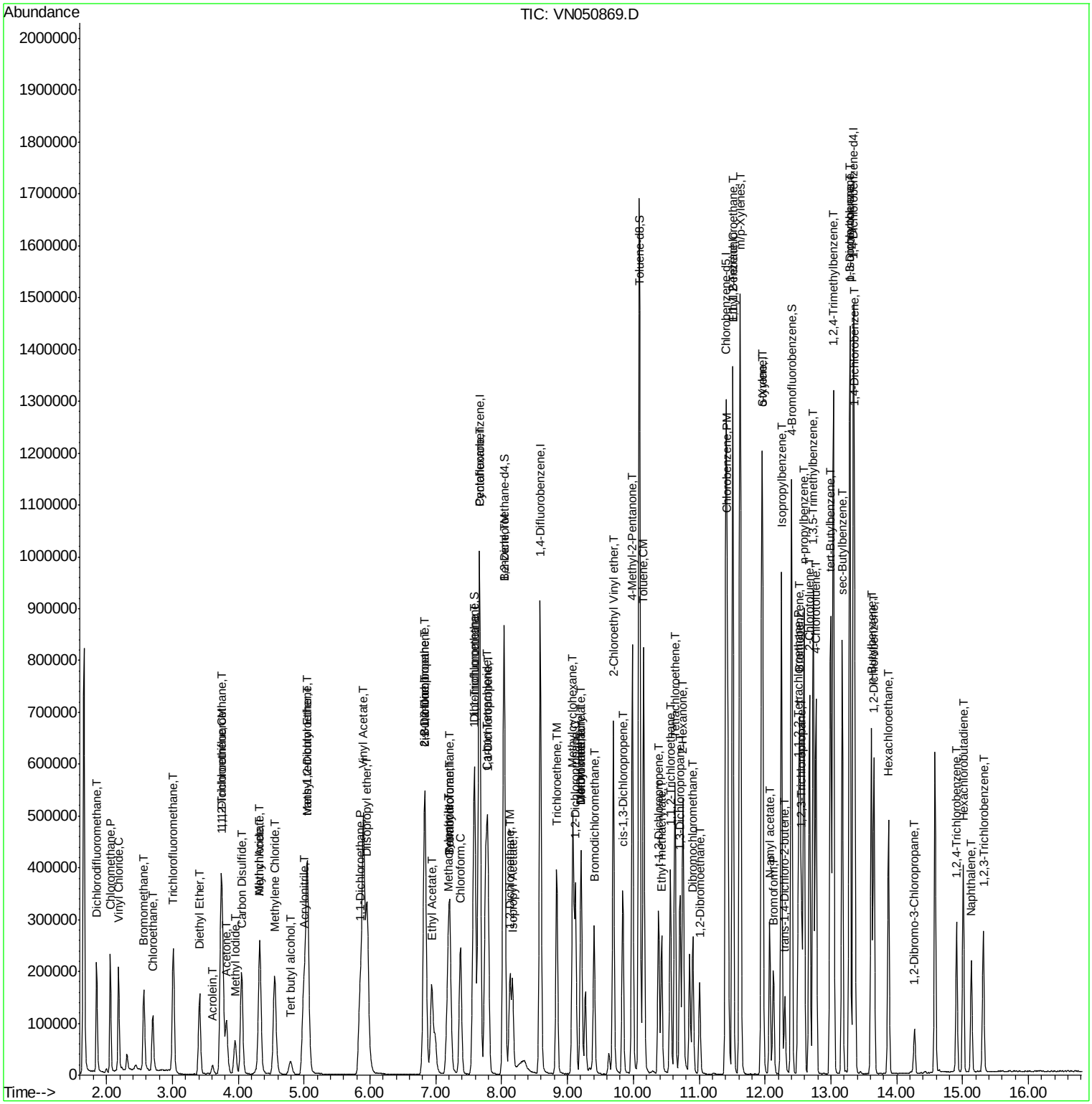
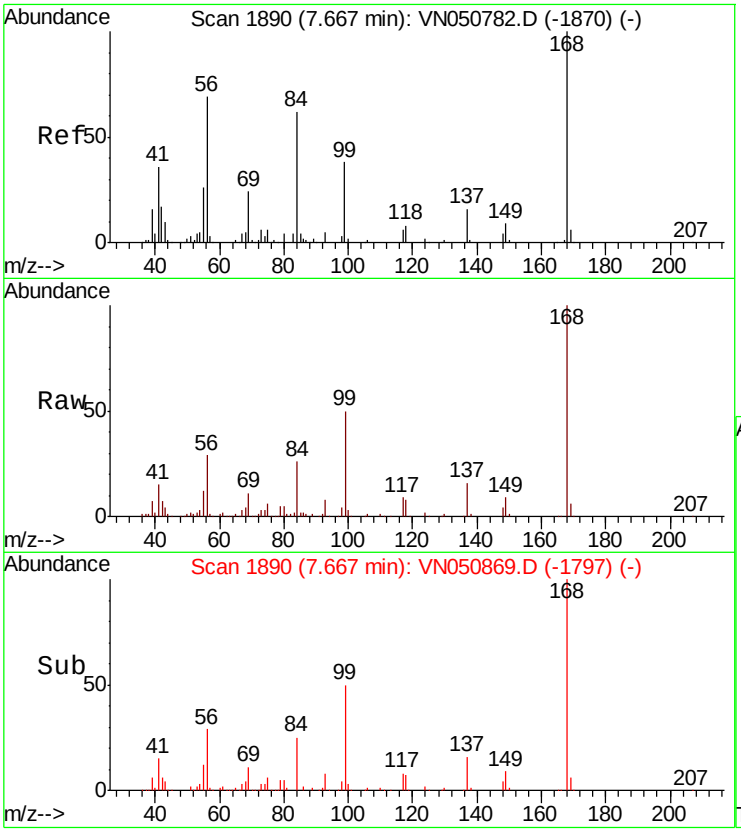
8/25/2018 1:18:38 PM





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion:168 Resp: 596254

Ion	Ratio	Lower	Upper
168	100		
99	49.7	39.6	59.4

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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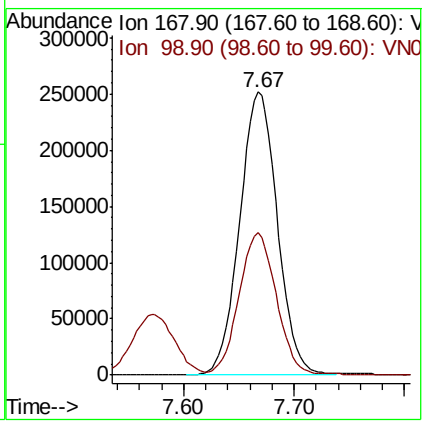
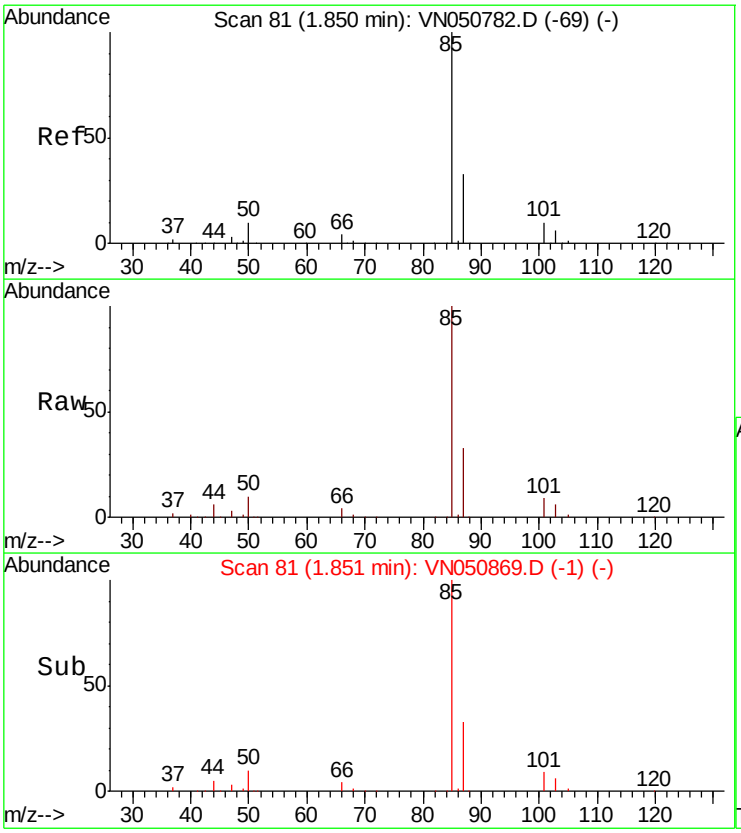
8/25/2018 1:18:38 PM

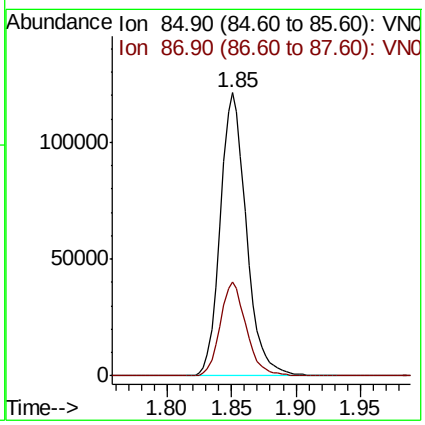


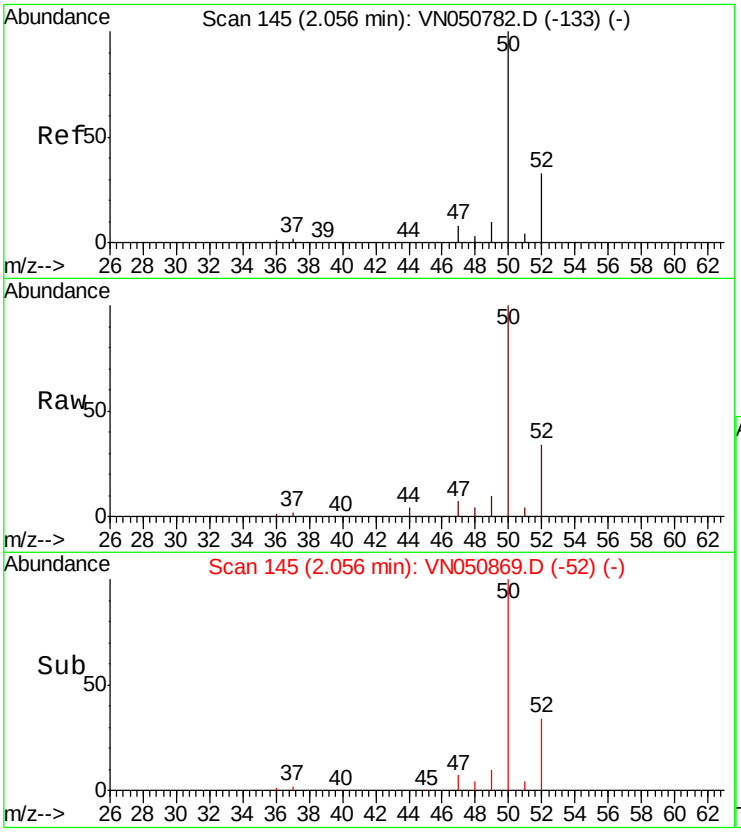


#2
Dichlorodifluoromethane
Concen: 21.301 ug/l
RT: 1.85 min Scan# 81
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 85 Resp: 169973

Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.4	49.1





#3
Chloromethane
Concen: 19.237 ug/l
RT: 2.06 min Scan# 145
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 50 Resp: 189332

Ion	Ratio	Lower	Upper
50	100		
52	33.5	26.3	39.5

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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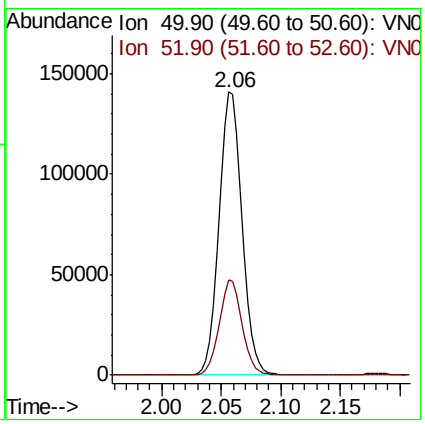
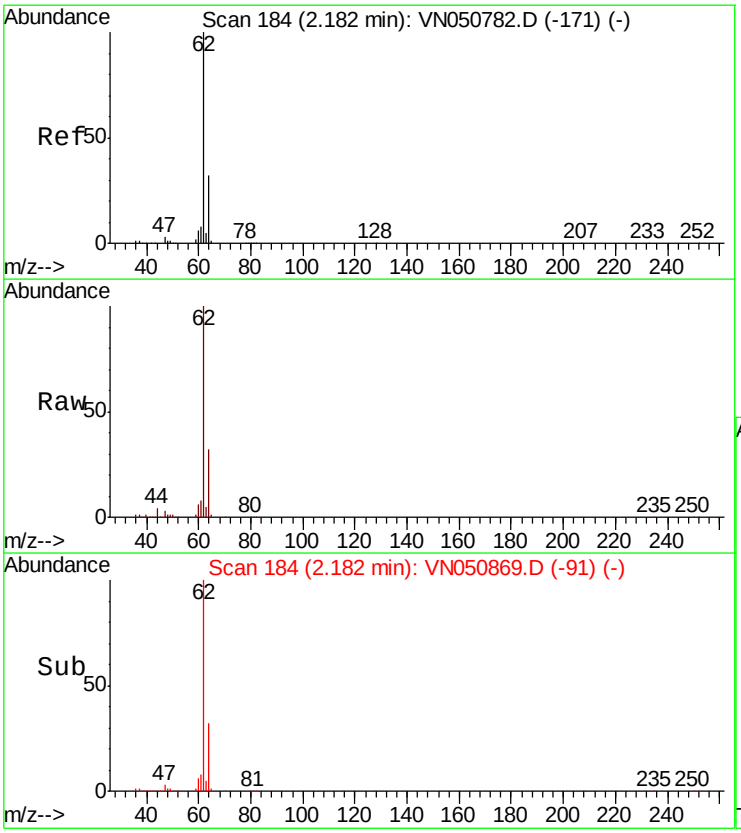
8/25/2018 1:18:38 PM

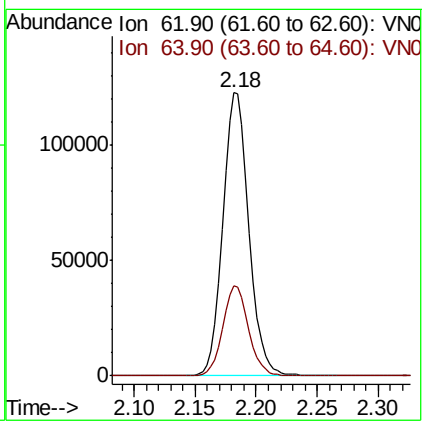


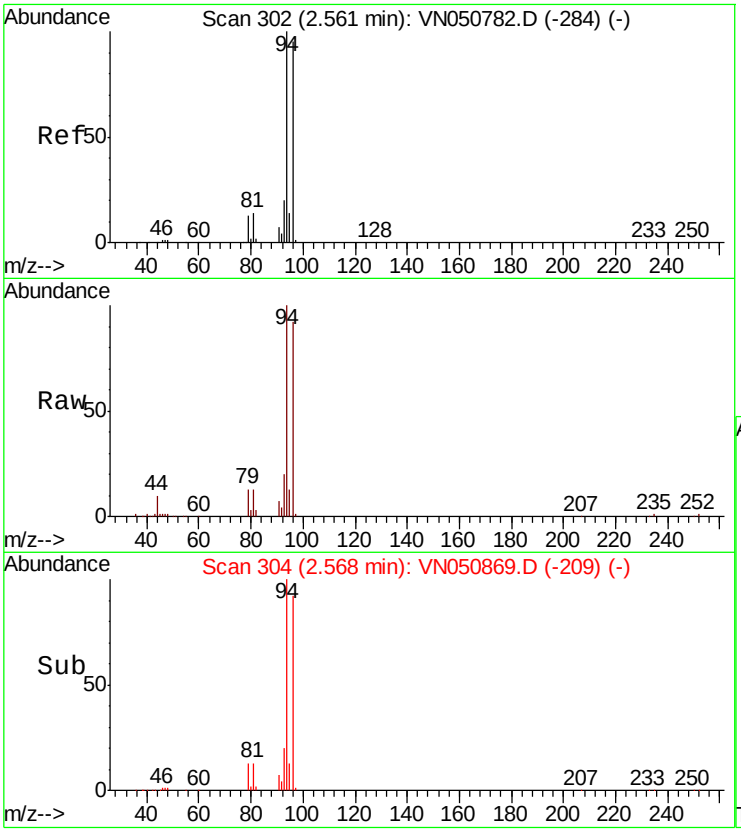


#4
Vinyl Chloride
Concen: 19.669 ug/l
RT: 2.18 min Scan# 184
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 62 Resp: 183375

Ion	Ratio	Lower	Upper
62	100		
64	31.8	25.4	38.2





#5
Bromomethane
Concen: 19.400 ug/l
RT: 2.57 min Scan# 304
Delta R.T. 0.01 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 94 Resp: 106264

Ion	Ratio	Lower	Upper
94	100		
96	91.5	76.2	114.2

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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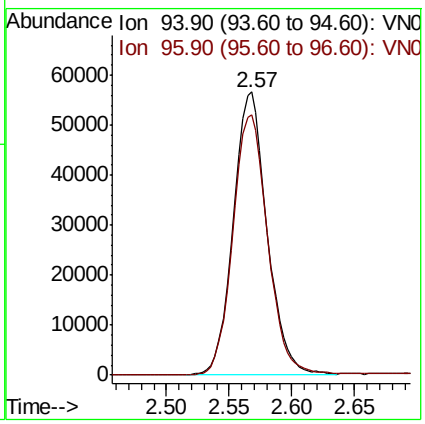
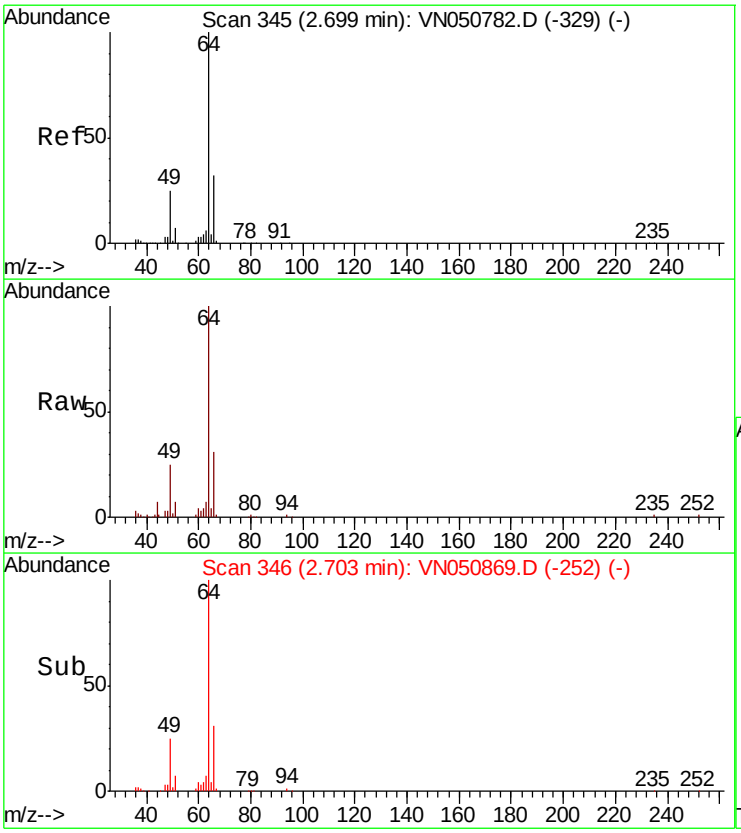
8/25/2018 1:18:38 PM

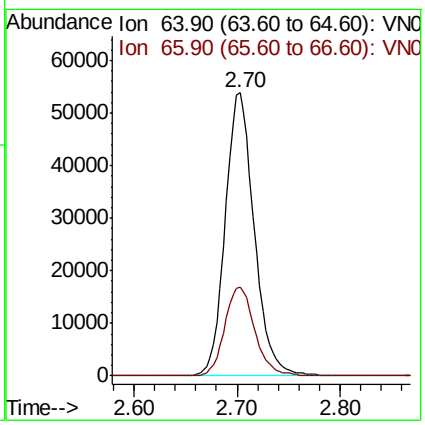


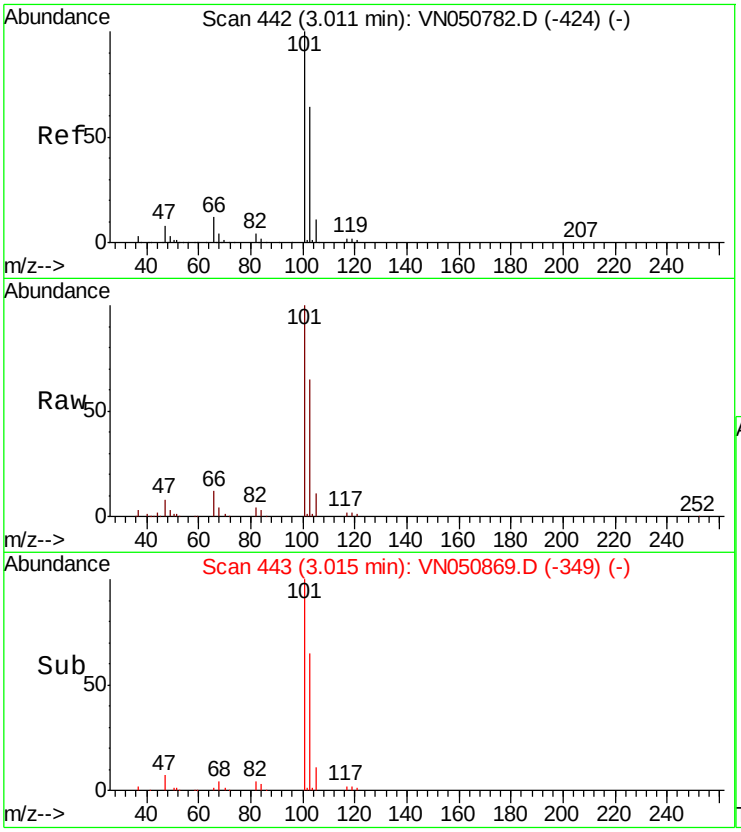


#6
Chloroethane
Concen: 19.585 ug/l
RT: 2.70 min Scan# 346
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 64 Resp: 105501

Ion	Ratio	Lower	Upper
64	100		
66	31.2	25.3	37.9





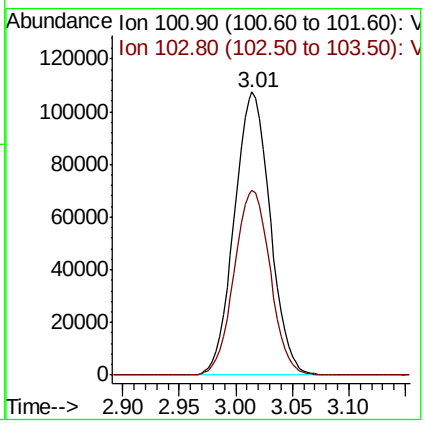
#7
Trichlorofluoromethane
Concen: 19.893 ug/l
RT: 3.01 min Scan# 443
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

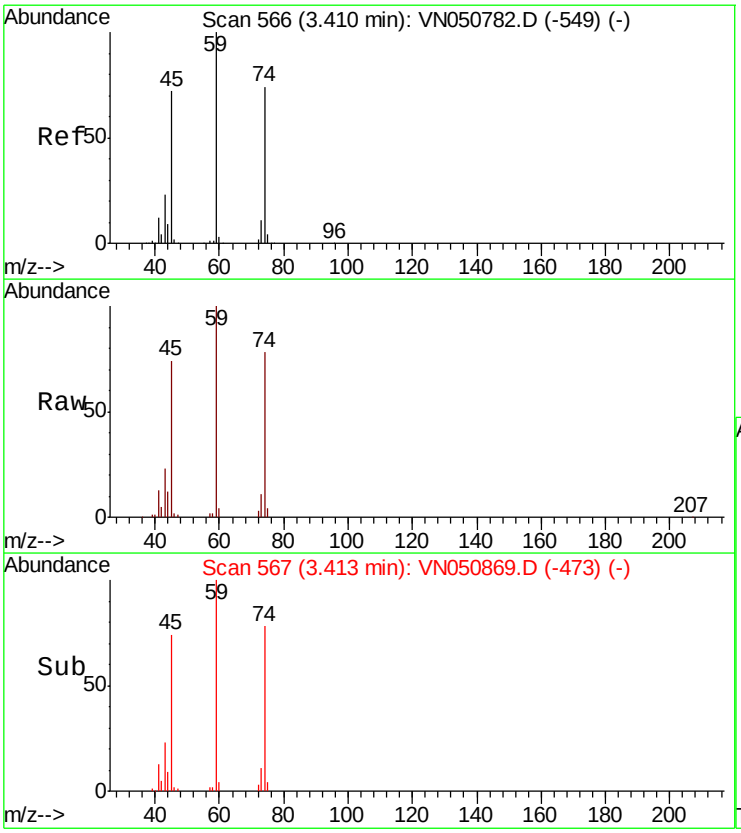
Tgt Ion:101 Resp: 237493

Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.6	77.4

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
MMDadoda
8/25/2018 1:18:38 PM

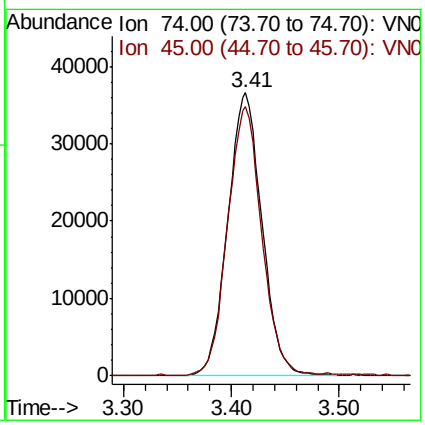


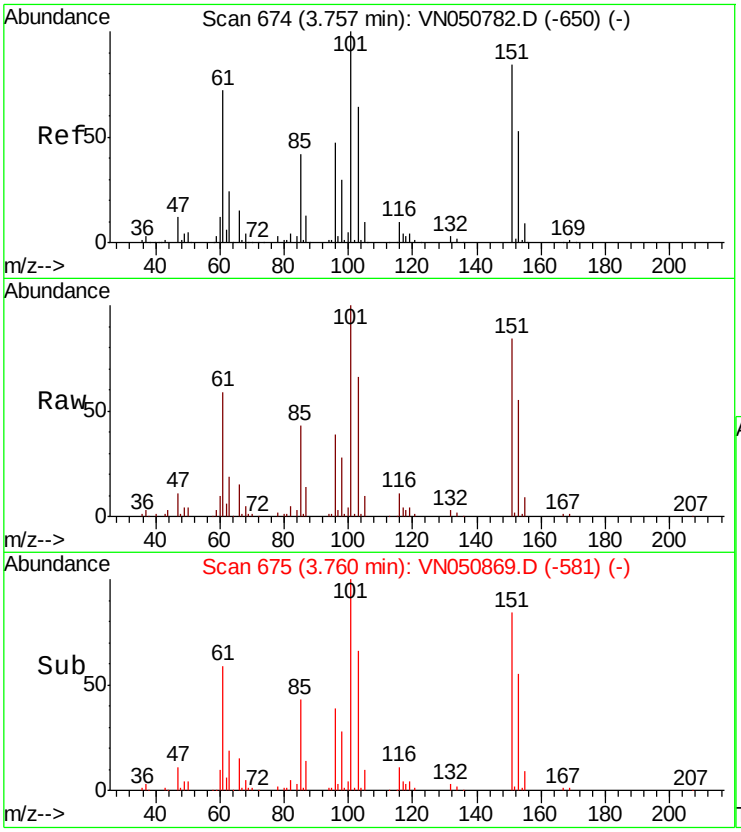


#8
Diethyl Ether
Concen: 19.851 ug/l
RT: 3.41 min Scan# 567
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 74 Resp: 80582

Ion	Ratio	Lower	Upper
74	100		
45	95.6	48.2	144.6





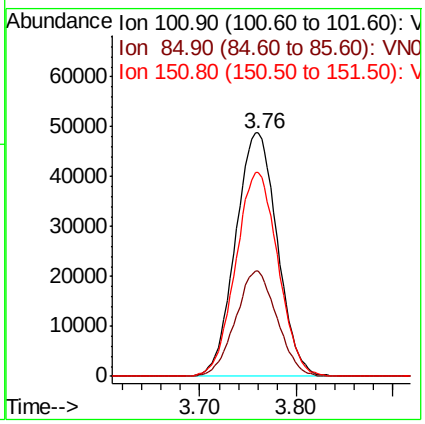
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.637 ug/l
RT: 3.76 min Scan# 675
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

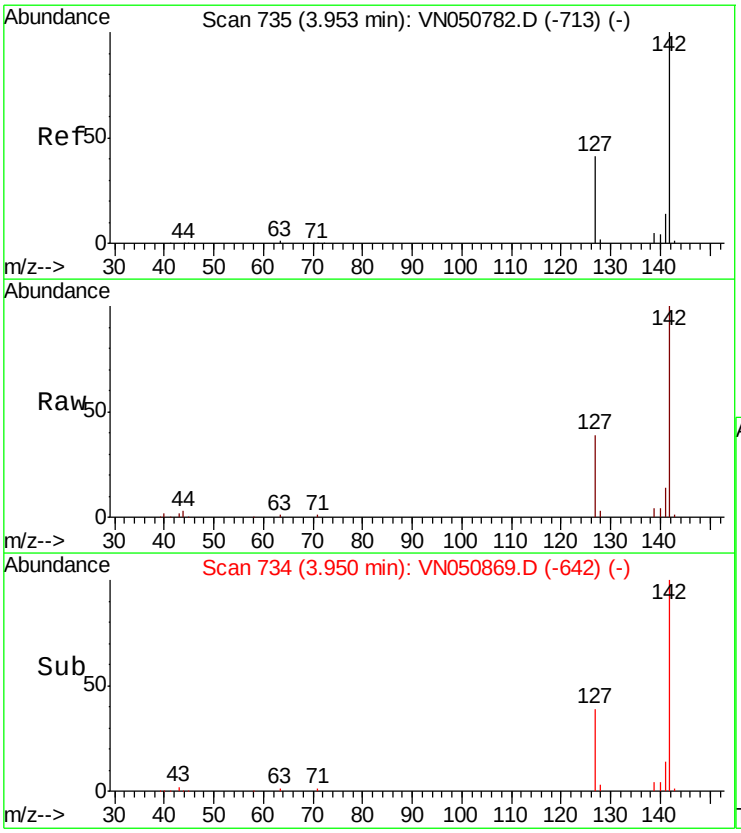
Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
MMDadoda
8/25/2018 1:18:38 PM

Tgt Ion:101 Resp: 146466

Ion	Ratio	Lower	Upper
101	100		
85	42.7	33.7	50.5
151	84.8	67.4	101.2

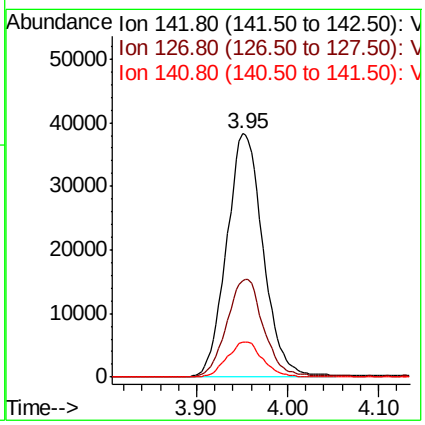


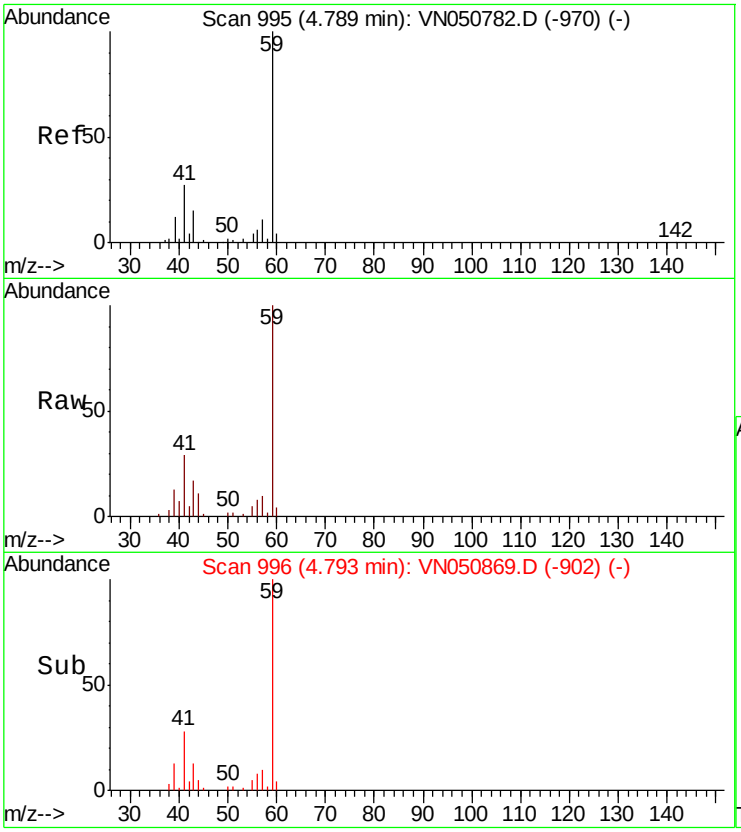


#10
Methyl Iodide
Concen: 20.572 ug/l
RT: 3.95 min Scan# 734
Delta R.T. -0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion:142 Resp: 106680

Ion	Ratio	Lower	Upper
142	100		
127	40.4	31.7	47.5
141	13.9	11.4	17.0





#11
Tert butyl alcohol
Concen: 98.428 ug/l
RT: 4.79 min Scan# 996
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 59 Resp: 44990

Ion	Ratio	Lower	Upper
59	100		
57	5.1	8.3	12.5#

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

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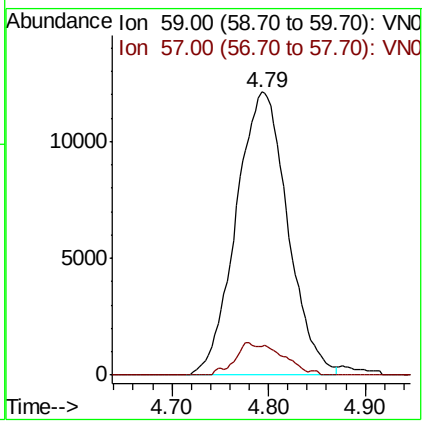
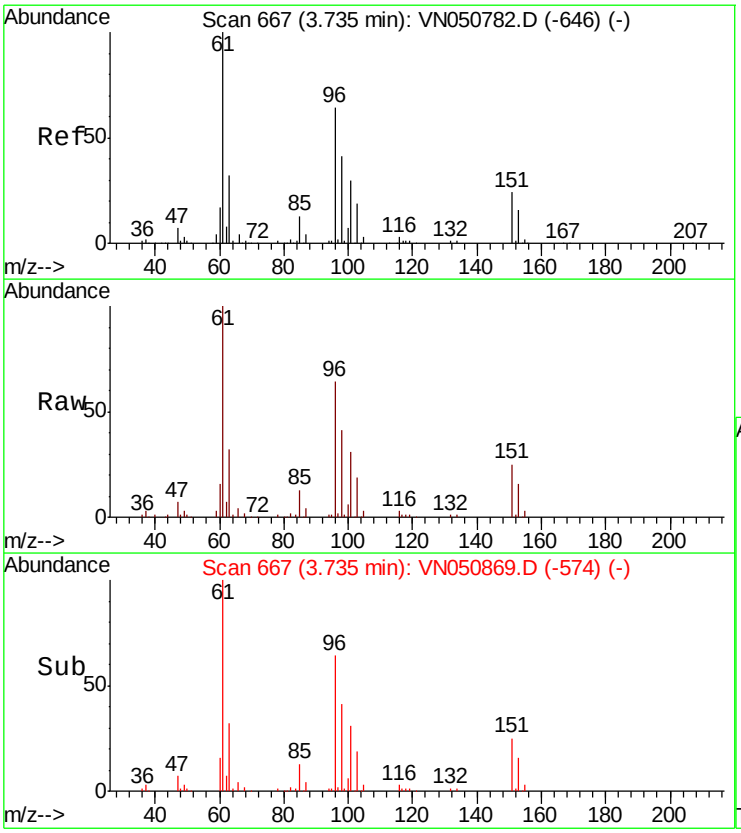
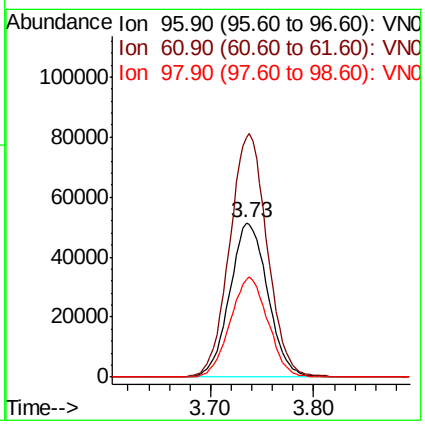


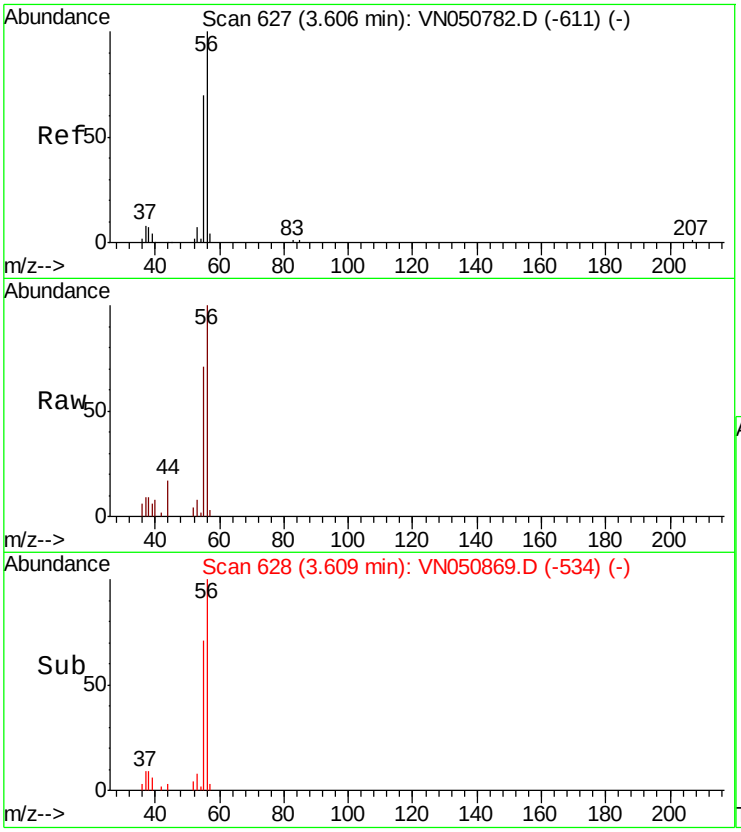


#12
1,1-Dichloroethene
Concen: 19.640 ug/l
RT: 3.73 min Scan# 667
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 96 Resp: 131525

Ion	Ratio	Lower	Upper
96	100		
61	154.7	124.9	187.3
98	63.4	51.1	76.7





#13
Acrolein
Concen: 86.084 ug/l
RT: 3.61 min Scan# 628
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 56 Resp: 19600

Ion	Ratio	Lower	Upper
56	100		
55	70.6	57.7	86.5

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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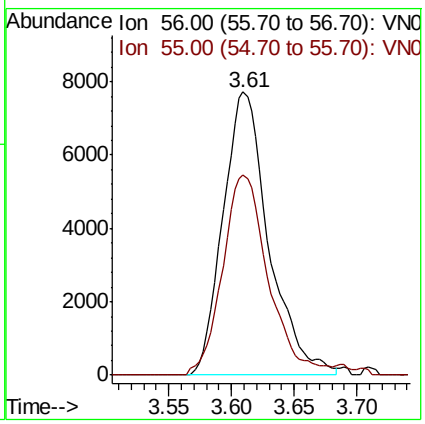
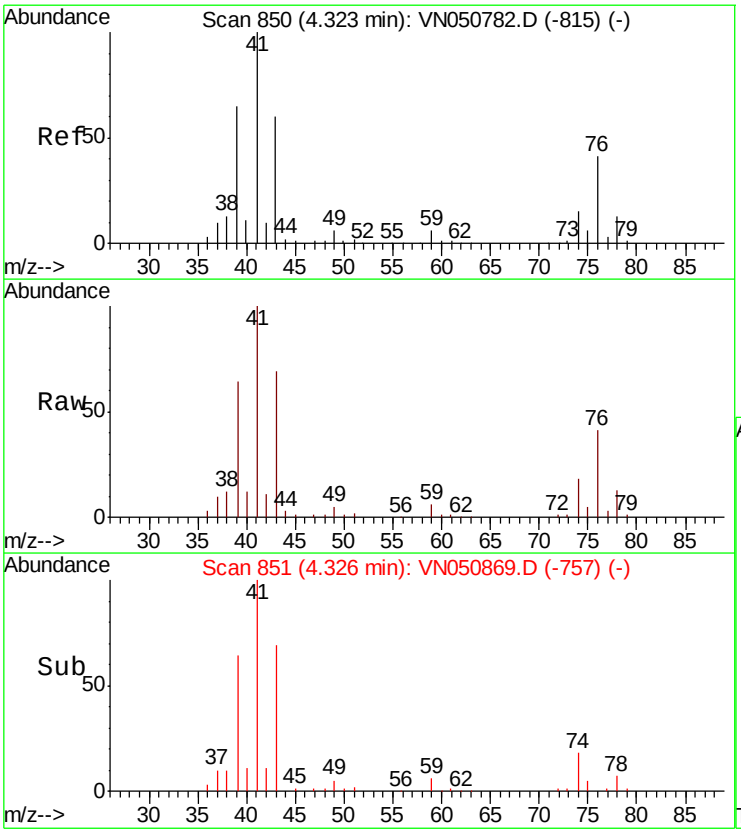
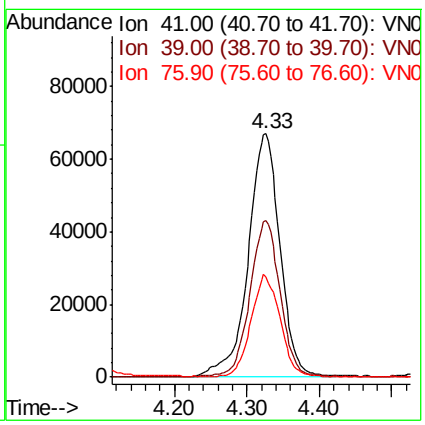


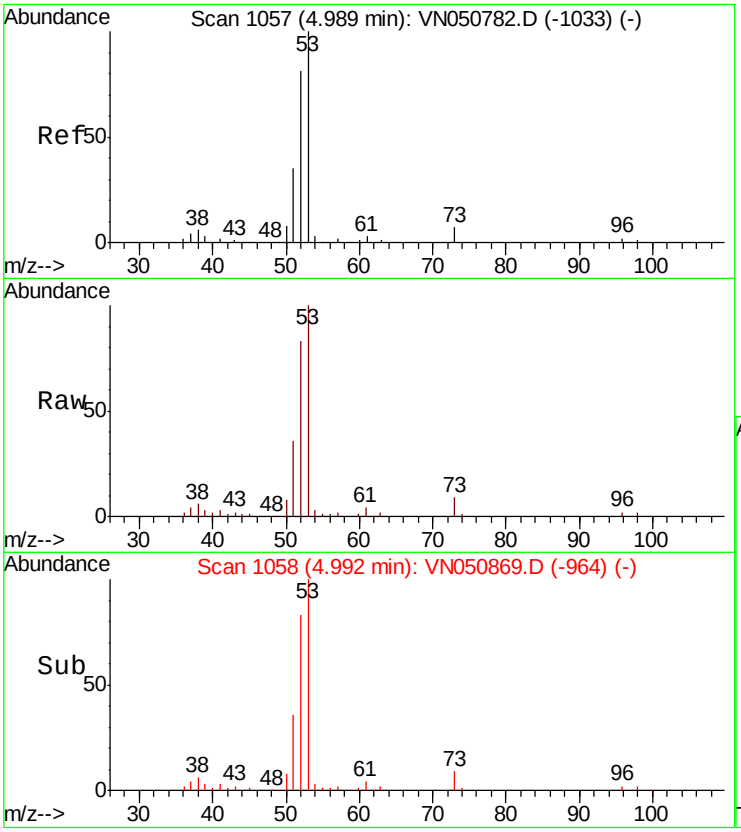


#14
Allyl chloride
Concen: 19.589 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 41 Resp: 204412

Ion	Ratio	Lower	Upper
41	100		
39	61.4	50.2	75.2
76	37.8	29.8	44.8





#15
Acrylonitrile
Concen: 97.752 ug/l
RT: 4.99 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 53 Resp: 227073

Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.9	98.9
51	35.8	28.6	43.0

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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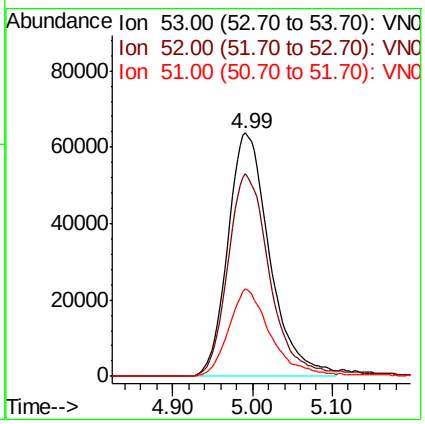
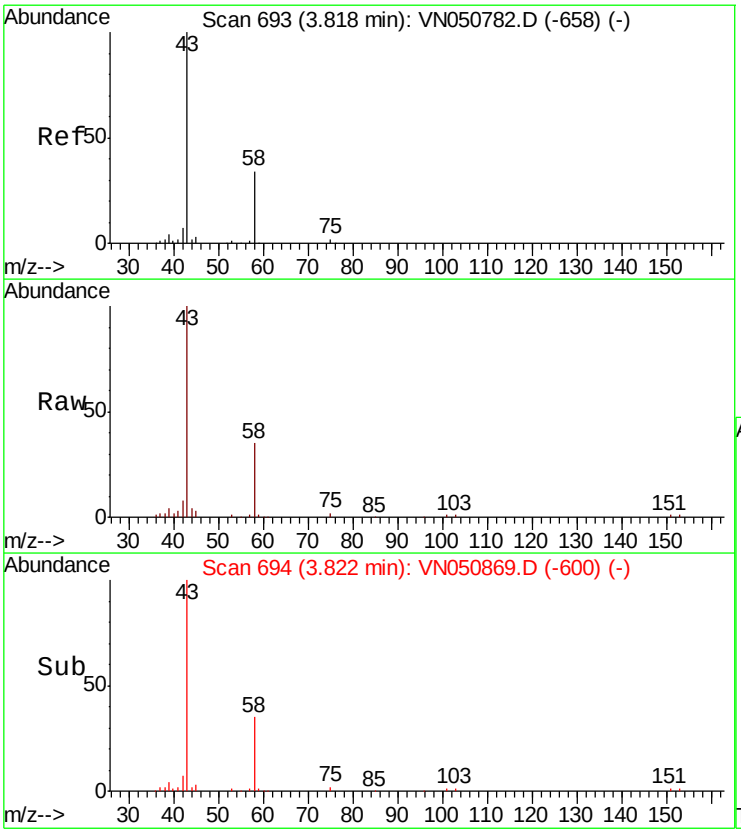
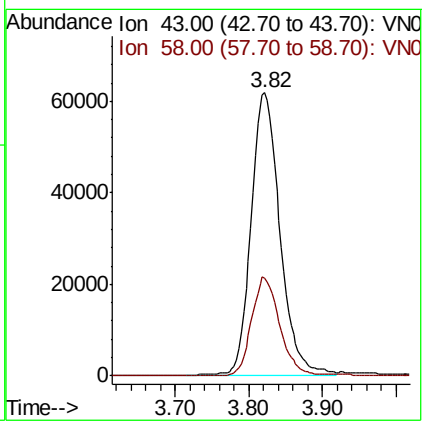


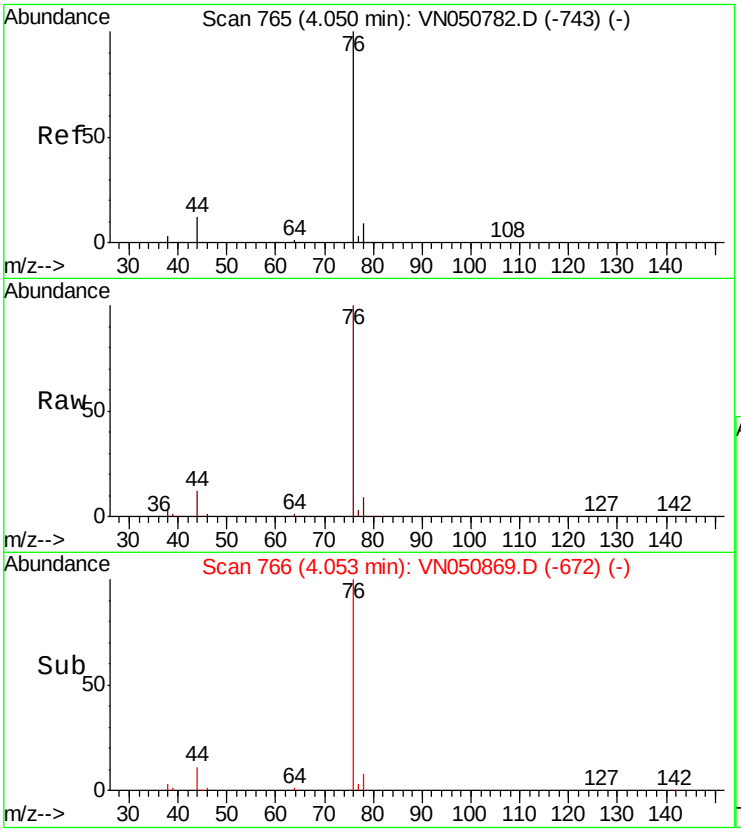


#16
Acetone
Concen: 95.676 ug/l
RT: 3.82 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 43 Resp: 170041

Ion	Ratio	Lower	Upper
43	100		
58	34.5	27.2	40.8





#17
Carbon Disulfide
Concen: 17.719 ug/l
RT: 4.05 min Scan# 766
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 76 Resp: 397792

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

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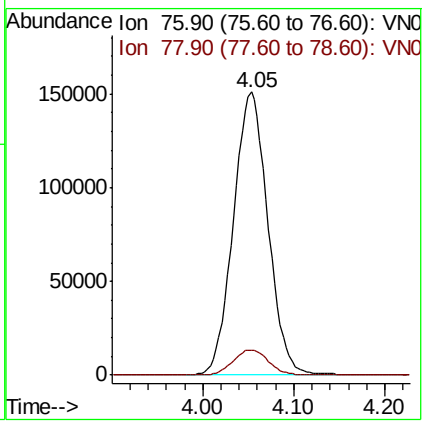
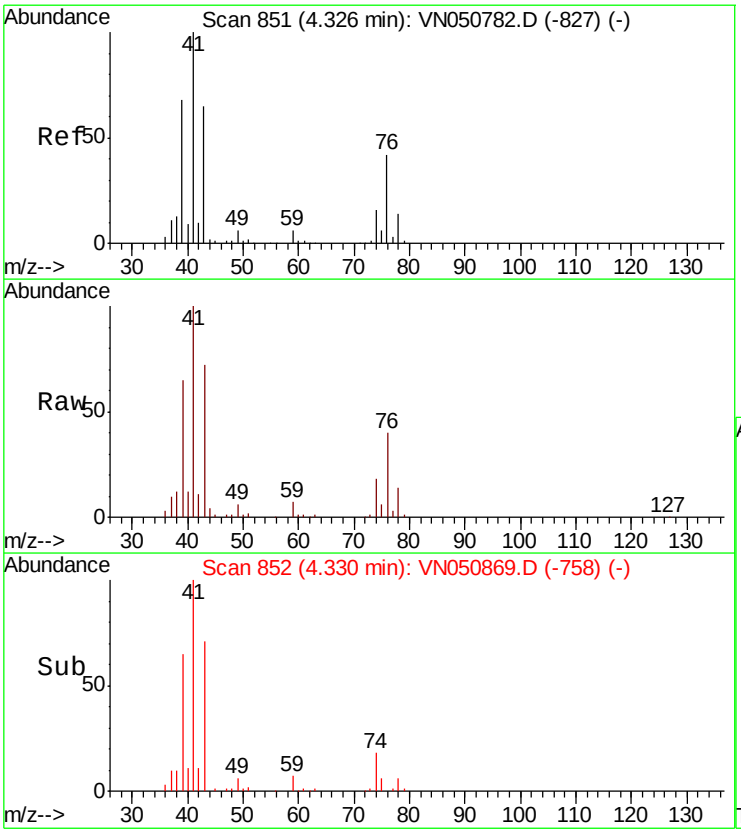
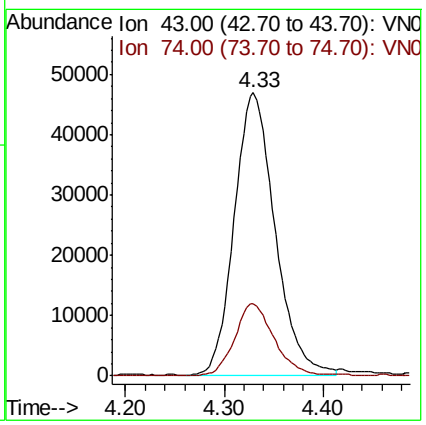


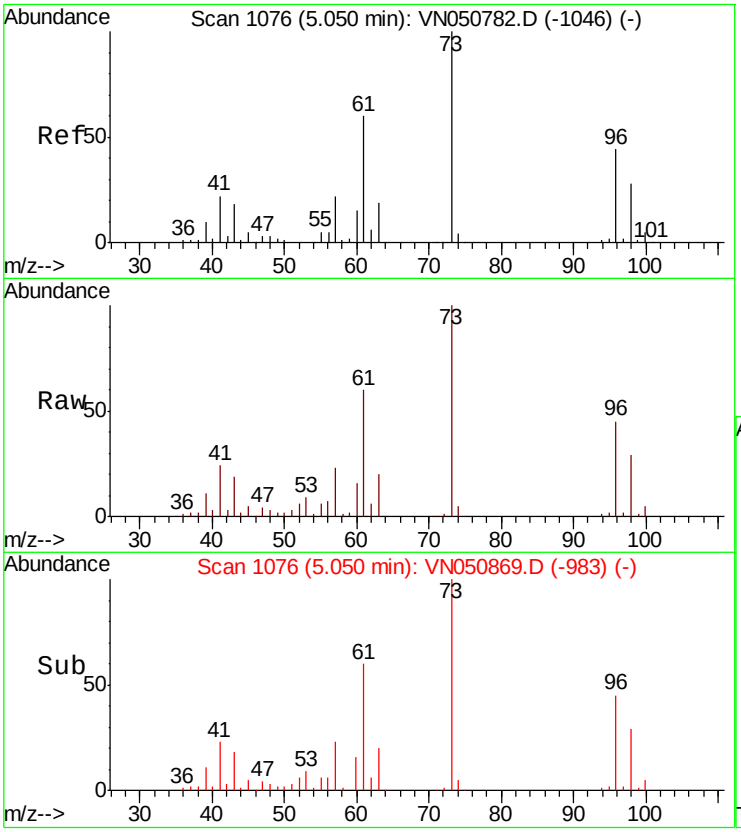


#18
Methyl Acetate
Concen: 19.908 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 43 Resp: 134940

Ion	Ratio	Lower	Upper
43	100		
74	24.8	19.8	29.8





#19
Methyl tert-butyl Ether
Concen: 20.390 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 73 Resp: 343470

Ion	Ratio	Lower	Upper
73	100		
57	22.9	17.8	26.8

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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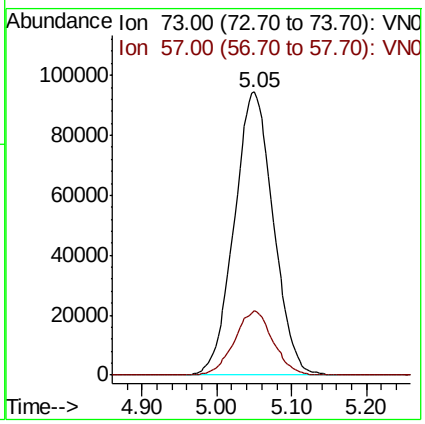
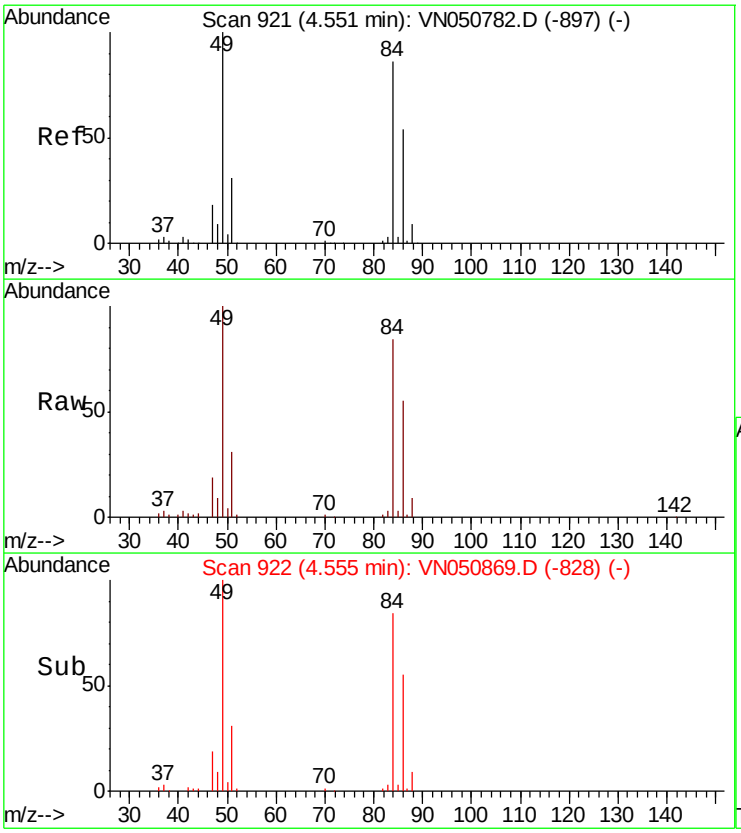
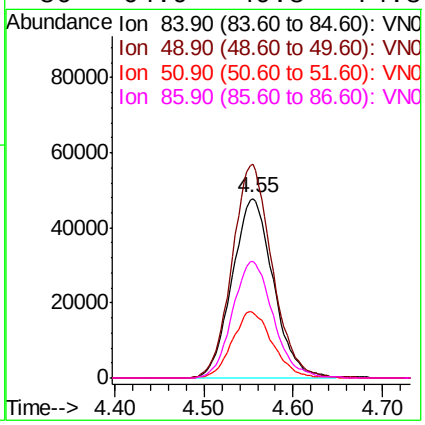


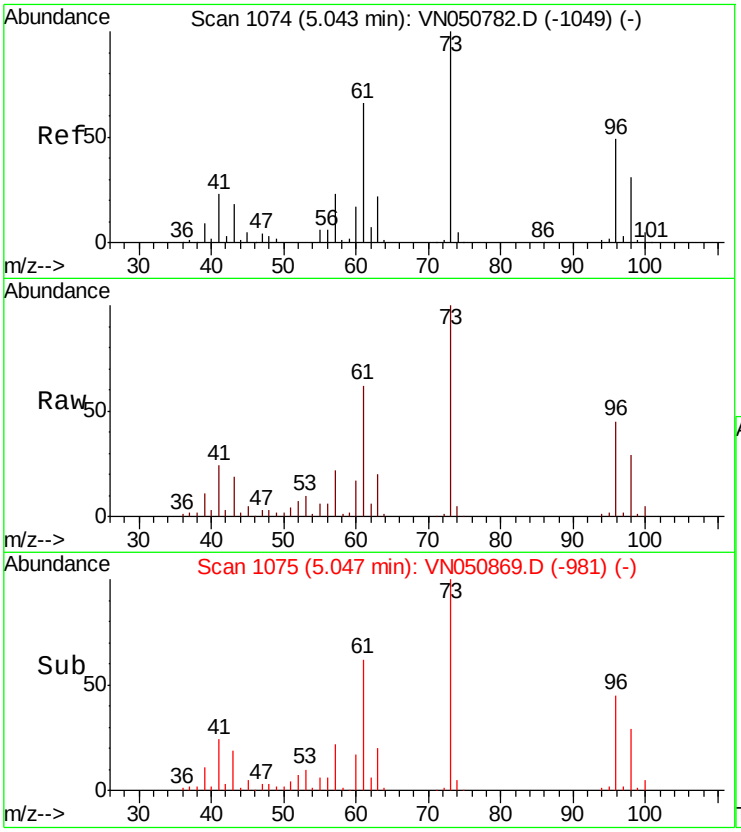


#20
Methylene Chloride
Concen: 18.894 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 84 Resp: 152853

Ion	Ratio	Lower	Upper
84	100		
49	118.8	93.2	139.8
51	36.4	29.0	43.6
86	64.9	49.8	74.8





#21
trans-1,2-Dichloroethene
Concen: 19.045 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 96 Resp: 137948

Ion	Ratio	Lower	Upper
96	100		
61	136.4	107.4	161.0
98	63.9	50.7	76.1

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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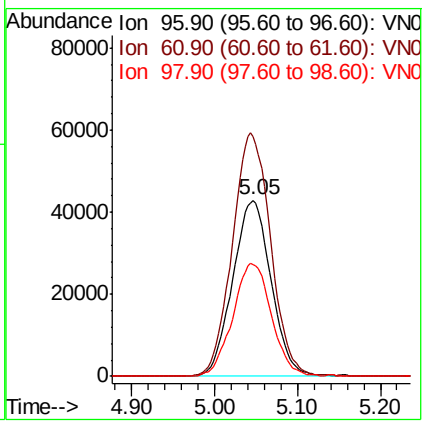
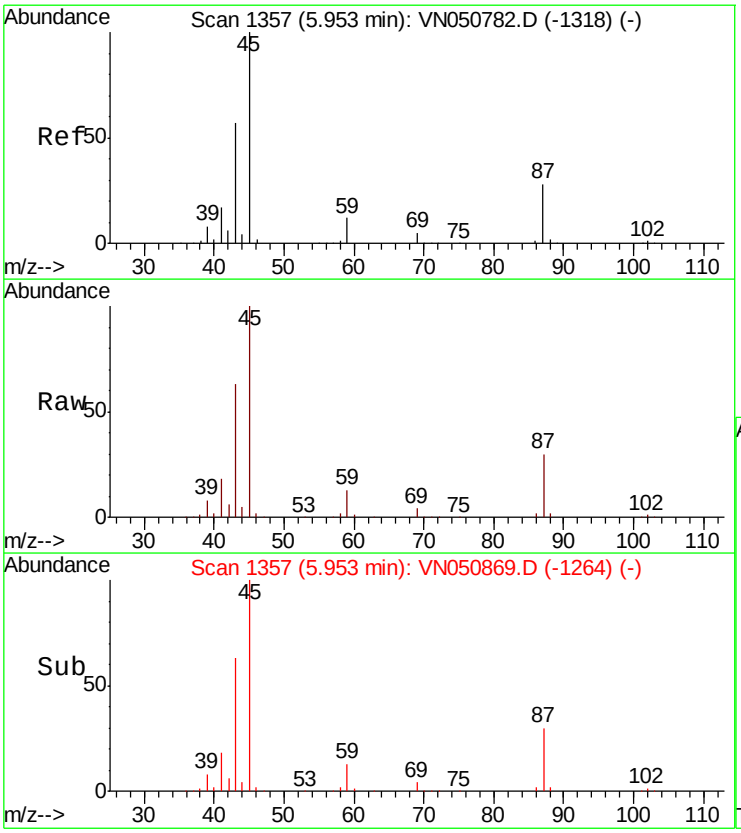
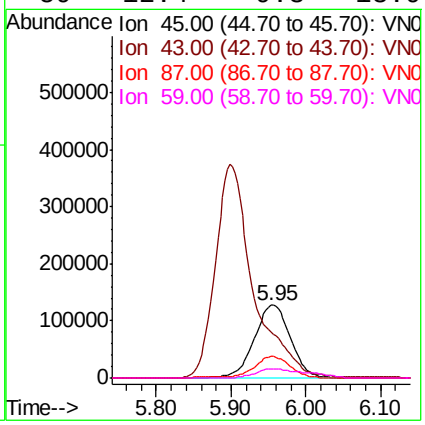


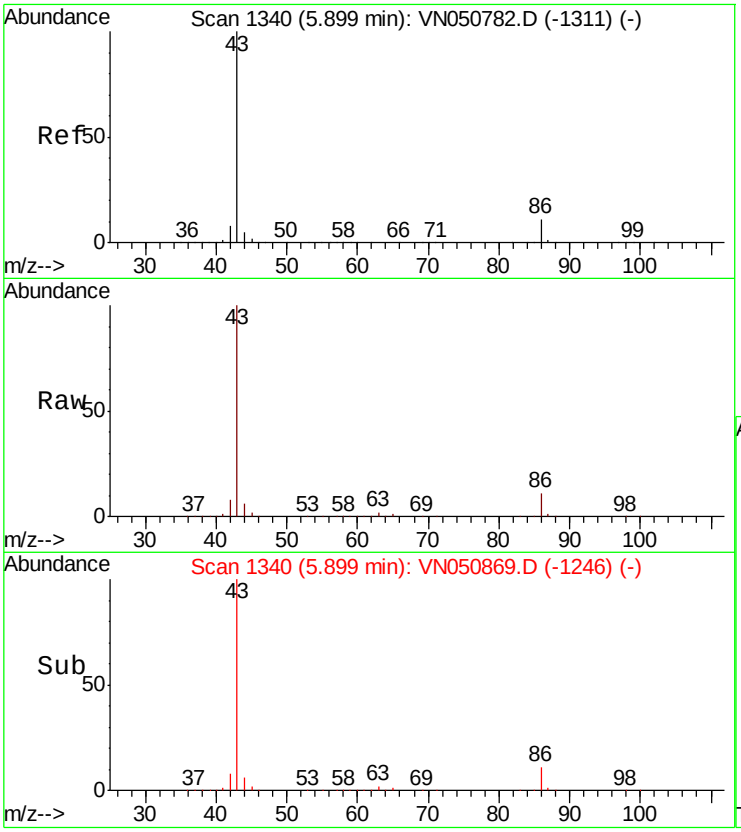


#22
Diisopropyl ether
Concen: 20.713 ug/l
RT: 5.95 min Scan# 1357
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 45 Resp: 430759

Ion	Ratio	Lower	Upper
45	100		
43	61.6	45.9	68.9
87	29.6	22.7	34.1
59	12.4	9.3	13.9





#23
Vinyl Acetate
Concen: 98.354 ug/l
RT: 5.90 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 43 Resp: 1317231

Ion	Ratio	Lower	Upper
43	100		
86	10.7	8.7	13.1

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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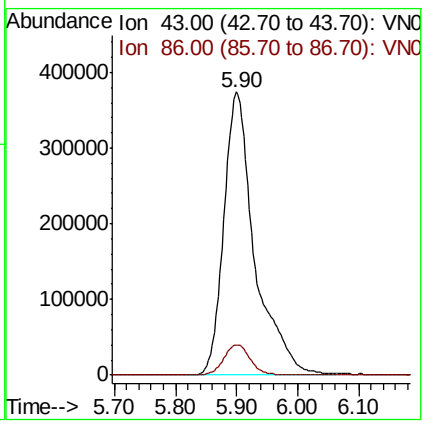
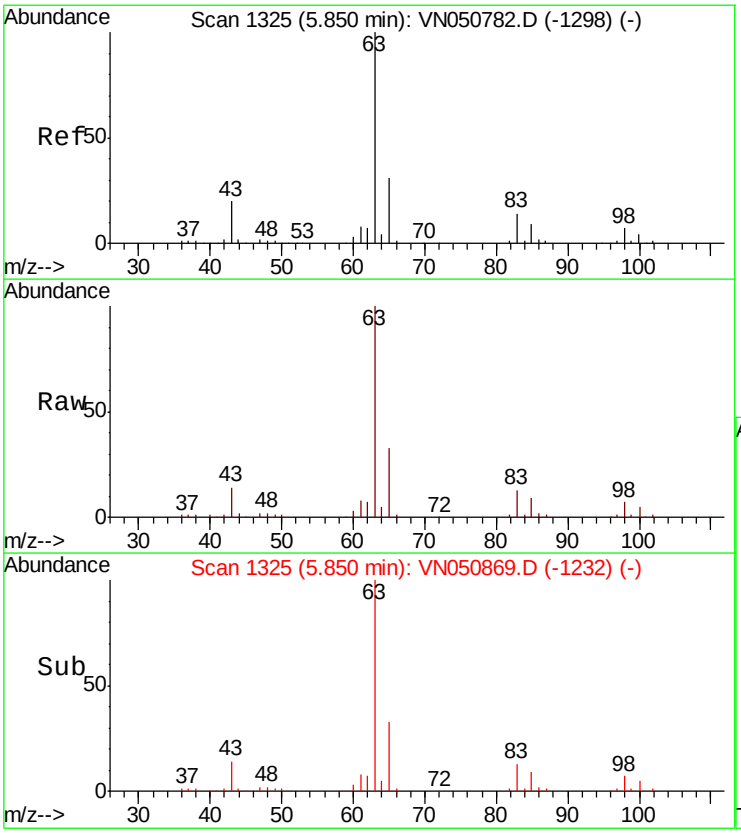
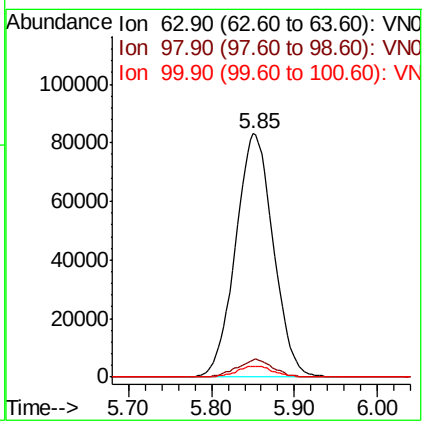


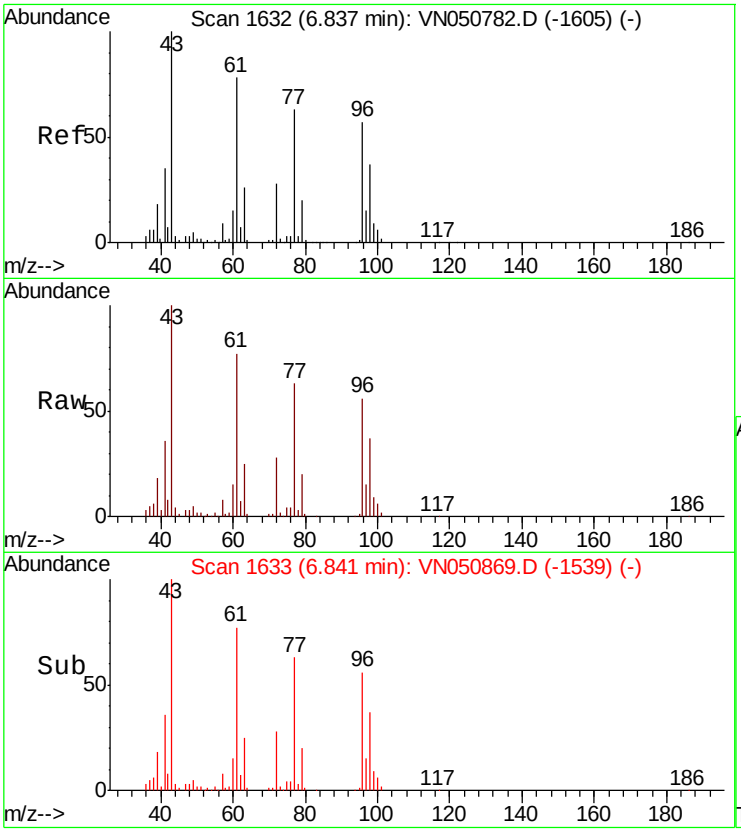


#24
1,1-Dichloroethane
Concen: 19.638 ug/l
RT: 5.85 min Scan# 1325
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 63 Resp: 262186

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.3	9.8
100	4.6	2.1	6.5





#25
2-Butanone
Concen: 86.879 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 43 Resp: 251315

Ion	Ratio	Lower	Upper
43	100		
72	27.6	22.3	33.5

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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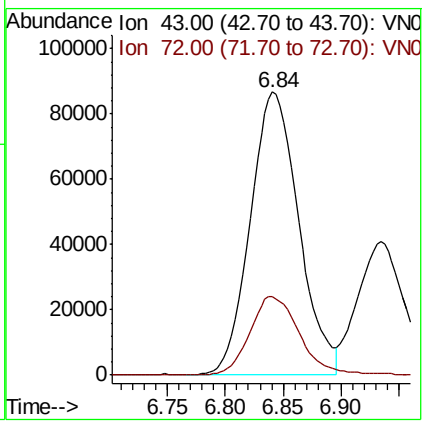
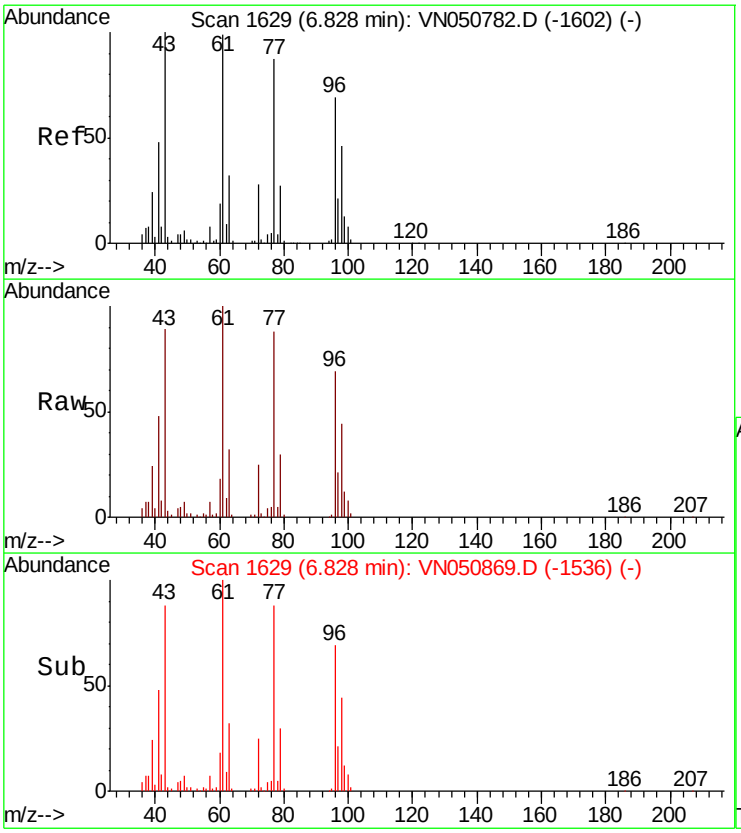
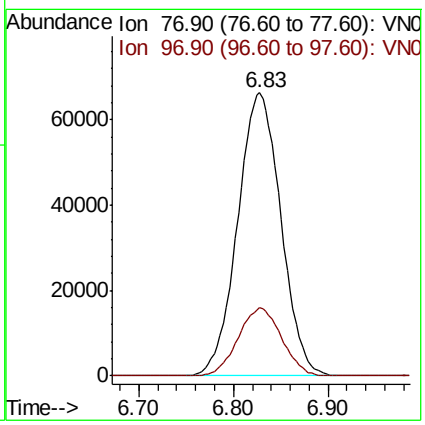


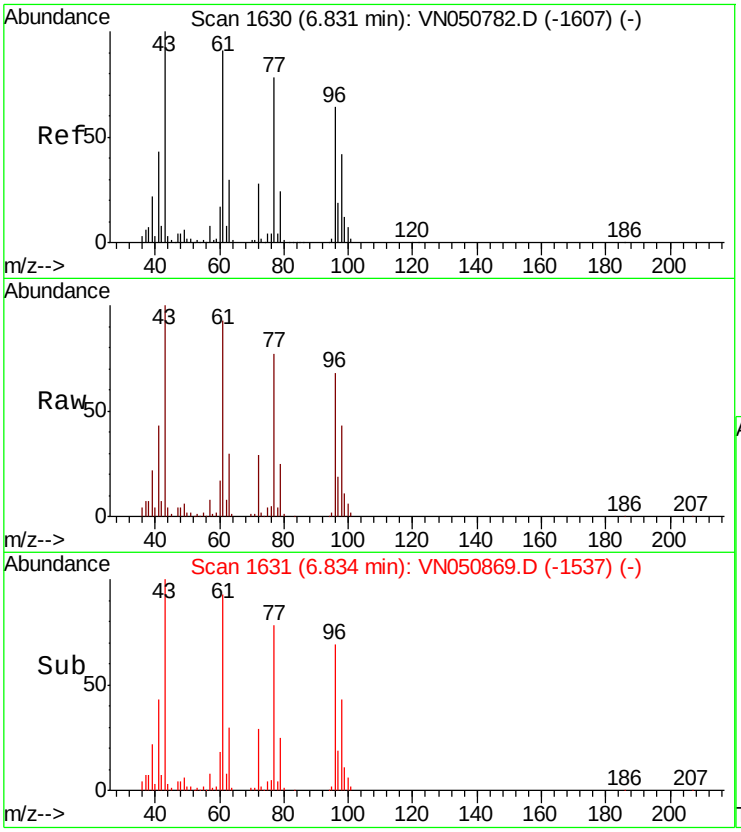


#26
2,2-Dichloropropane
Concen: 19.609 ug/l
RT: 6.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 77 Resp: 210363

Ion	Ratio	Lower	Upper
77	100		
97	24.2	12.0	36.0





#27
cis-1,2-Dichloroethene
Concen: 20.073 ug/l
RT: 6.83 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 96 Resp: 156749

Ion	Ratio	Lower	Upper
96	100		
61	140.5	0.0	283.4
98	64.9	0.0	129.8

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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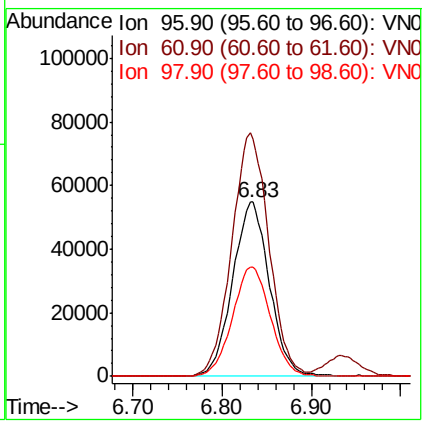
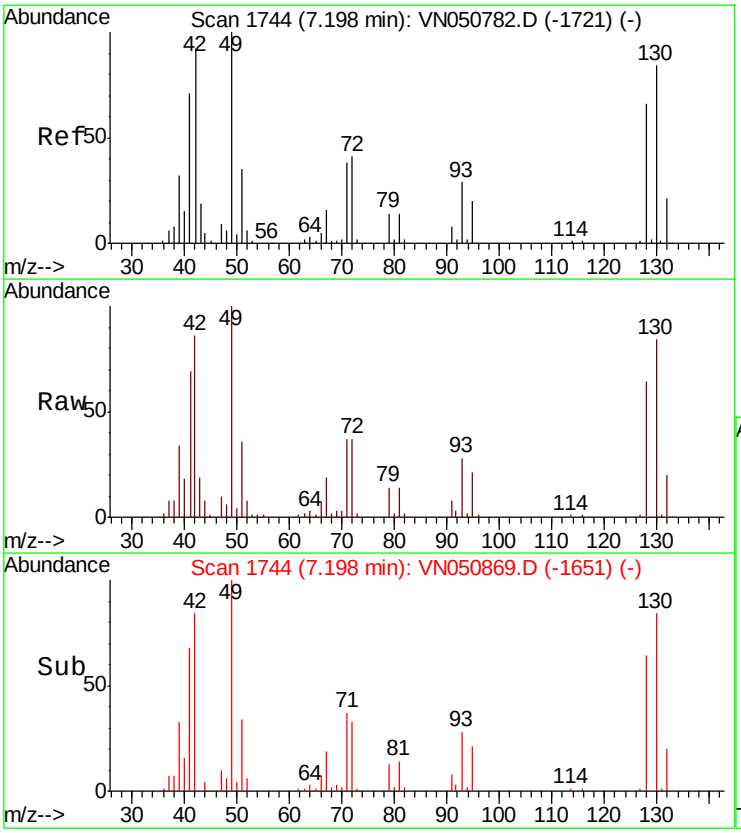
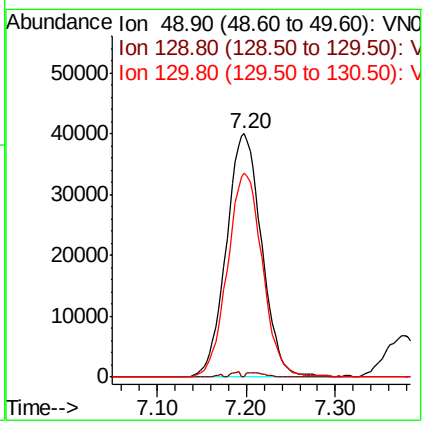


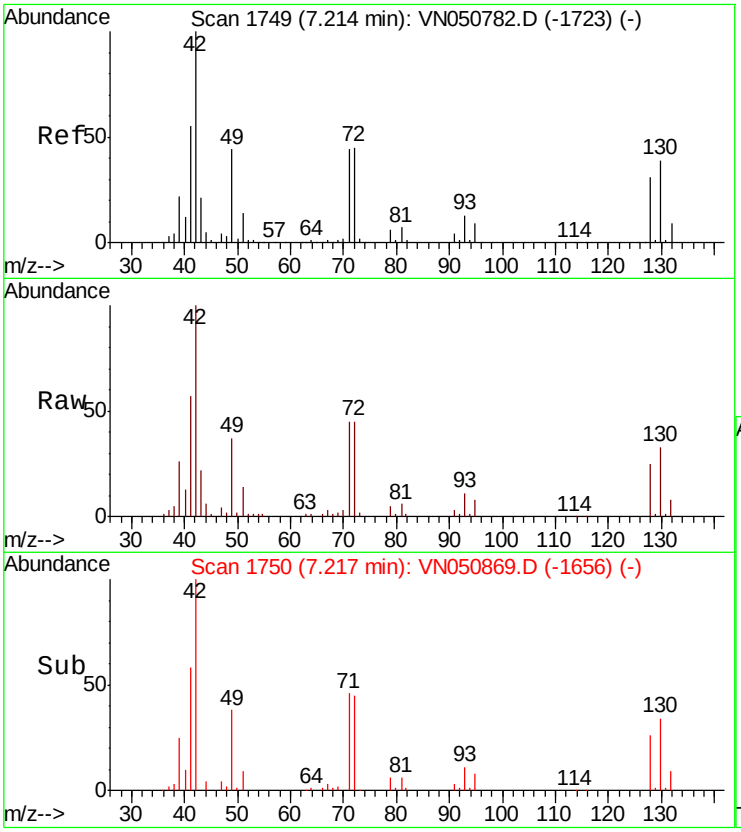


#28
Bromochloromethane
Concen: 19.370 ug/l
RT: 7.20 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 49 Resp: 109888

Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	4.2
130	82.9	67.1	100.7





#29
Tetrahydrofuran
Concen: 101.570 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 42 Resp: 168456

Ion	Ratio	Lower	Upper
42	100		
72	43.6	35.5	53.3
71	42.7	33.7	50.5

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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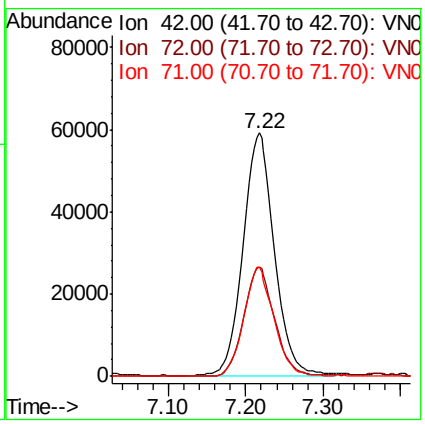
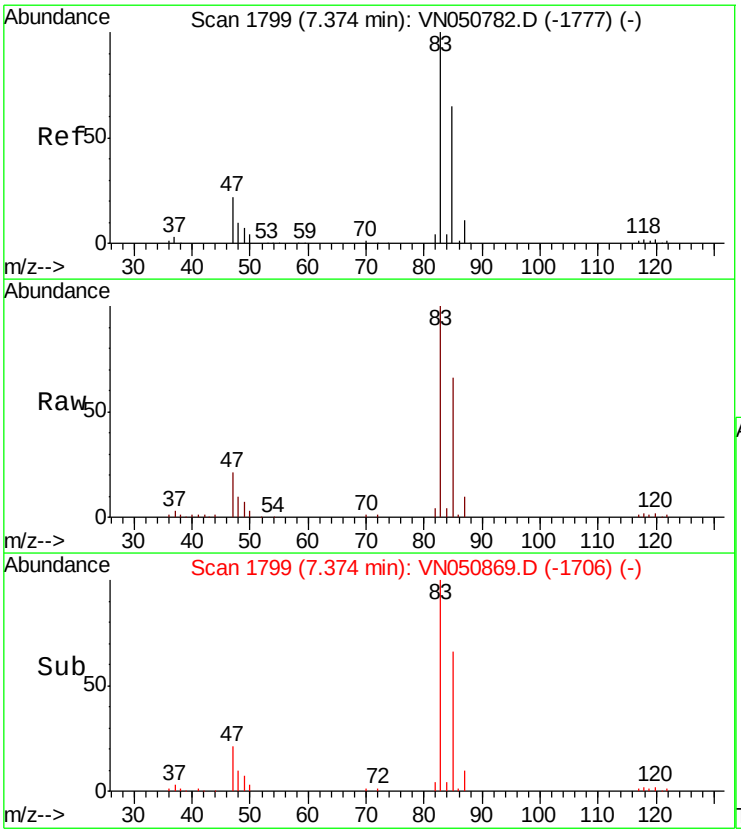
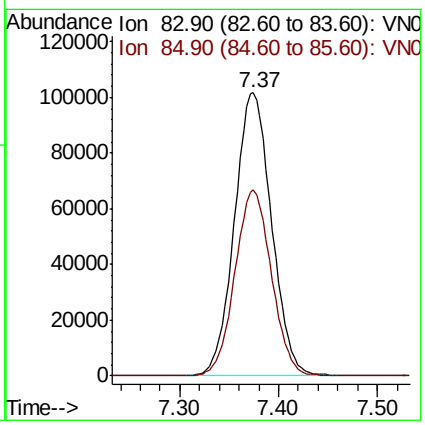


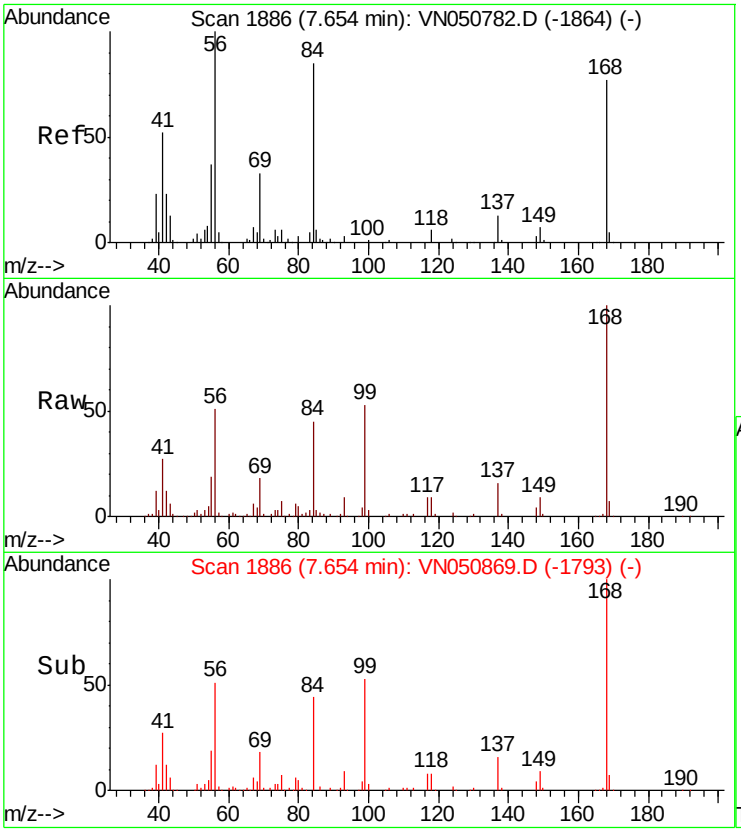


#30
Chloroform
Concen: 20.031 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 83 Resp: 264823

Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.2	78.4





#31
Cyclohexane
Concen: 19.415 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 56 Resp: 232126

Ion	Ratio	Lower	Upper
56	100		
69	35.2	26.2	39.4
84	88.3	68.3	102.5

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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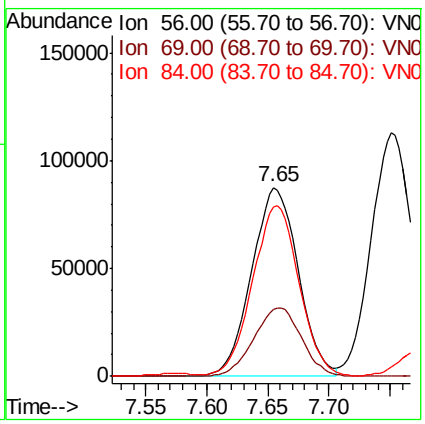
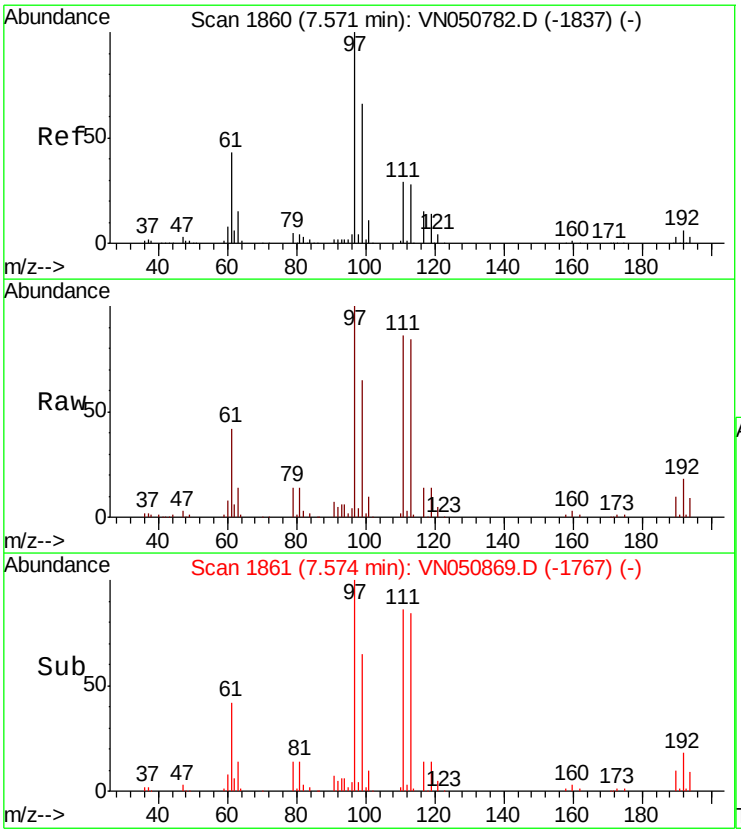
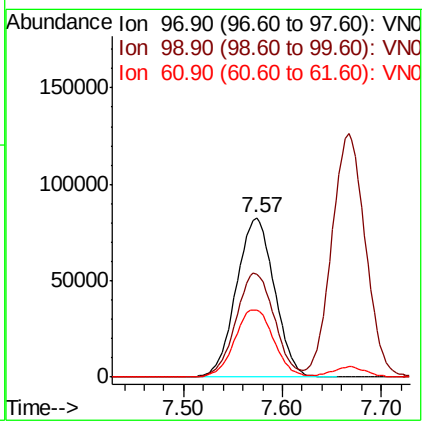


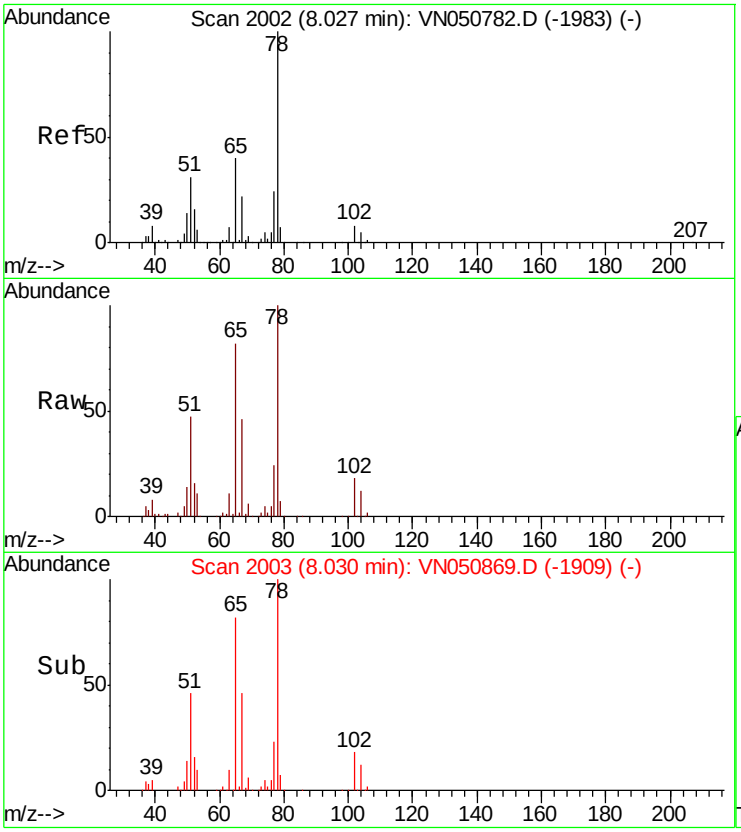


#32
1,1,1-Trichloroethane
Concen: 19.508 ug/l
RT: 7.57 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 97 Resp: 221533

Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.8	77.6
61	43.1	34.9	52.3





#33
1,2-Dichloroethane-d4
Concen: 48.551 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 65 Resp: 348503

Ion	Ratio	Lower	Upper
65	100		
67	55.6	0.0	110.4

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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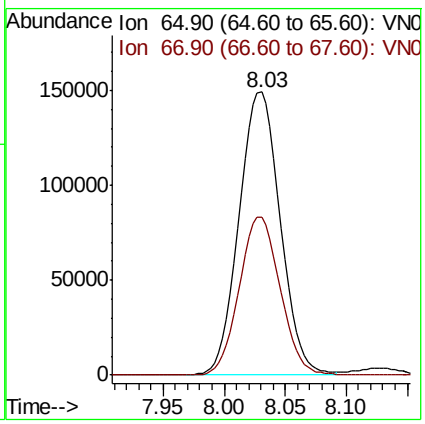
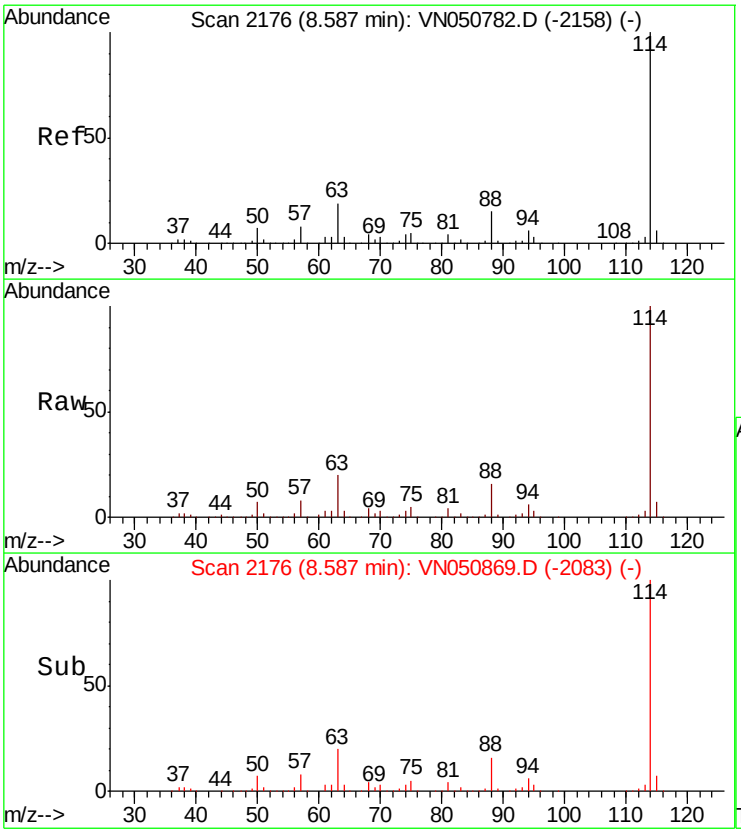
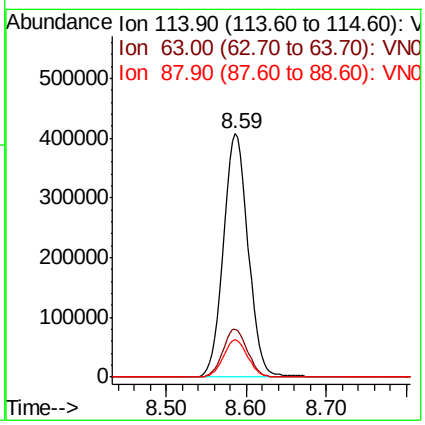


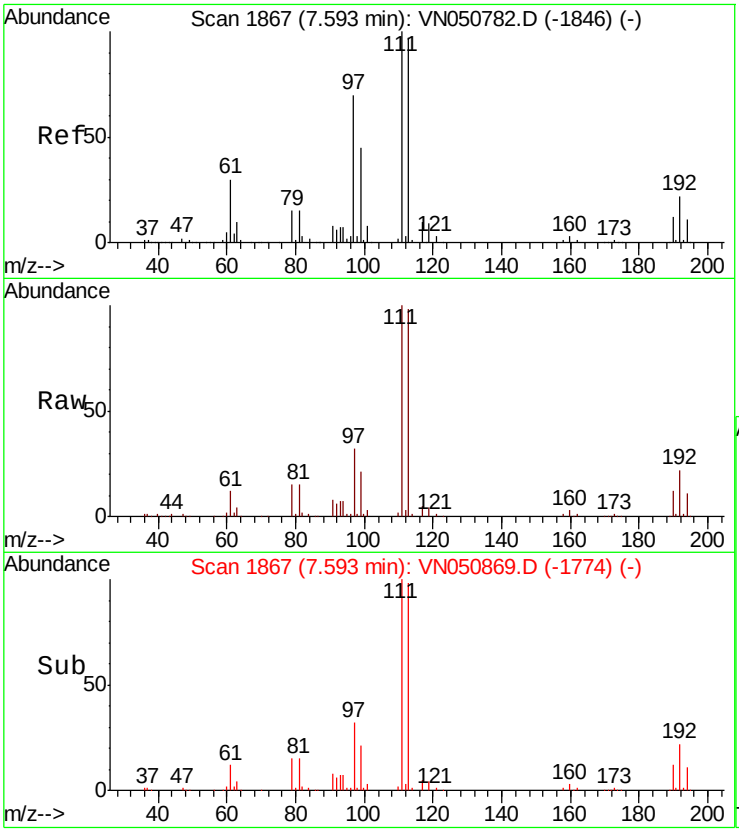


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion:114 Resp: 863287

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	38.6
88	15.5	0.0	30.6





#35
Dibromofluoromethane
Concen: 48.623 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion:113 Resp: 333942

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	123.8
192	22.3	18.0	27.0

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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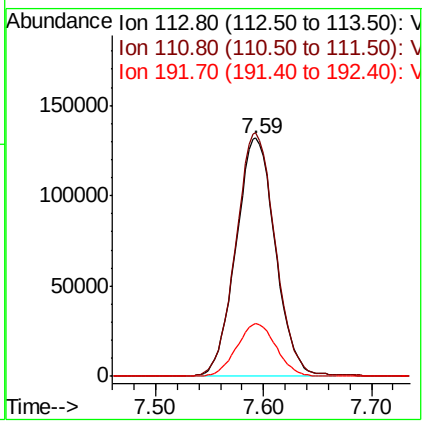
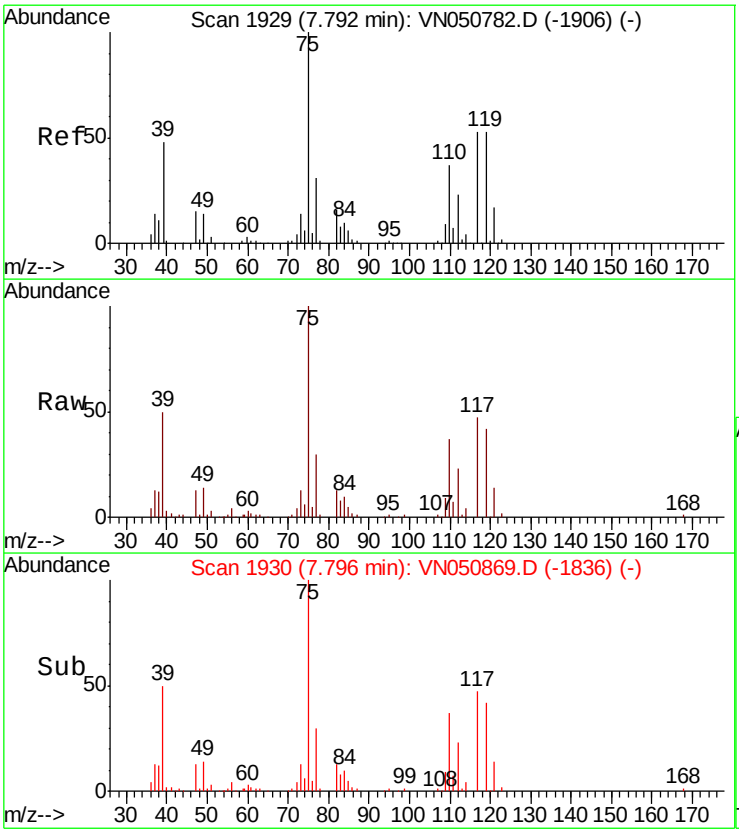
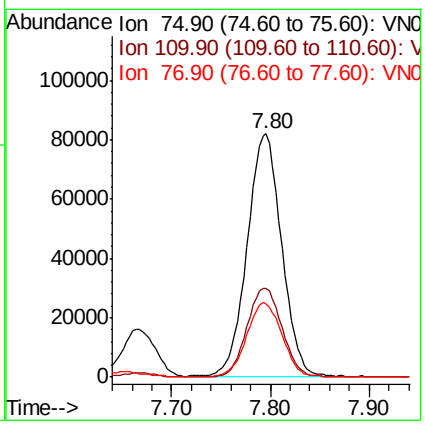


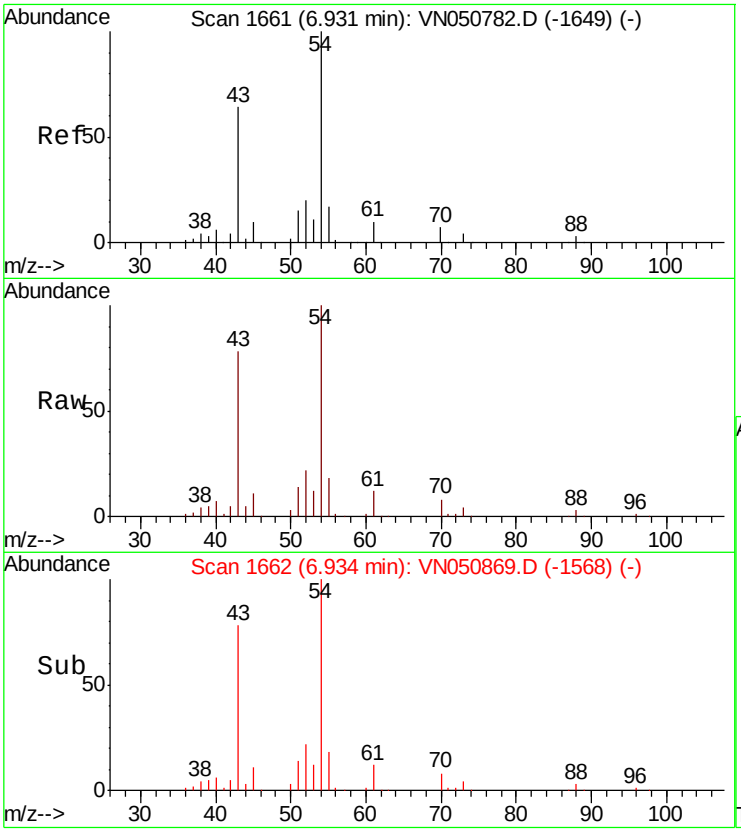


#36
1,1-Dichloropropene
Concen: 19.300 ug/l
RT: 7.80 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 75 Resp: 196617

Ion	Ratio	Lower	Upper
75	100		
110	37.4	18.1	54.4
77	31.7	24.8	37.2





#37
Ethyl Acetate
Concen: 19.843 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 43 Resp: 116118

Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.0	18.0
70	10.7	8.6	13.0

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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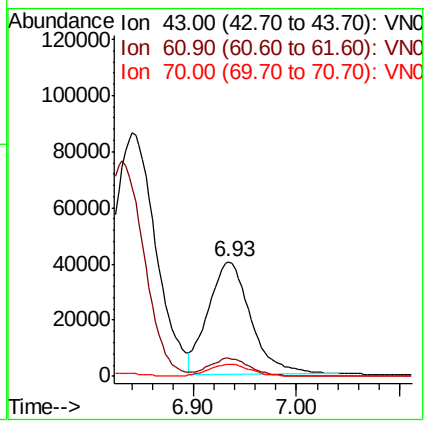
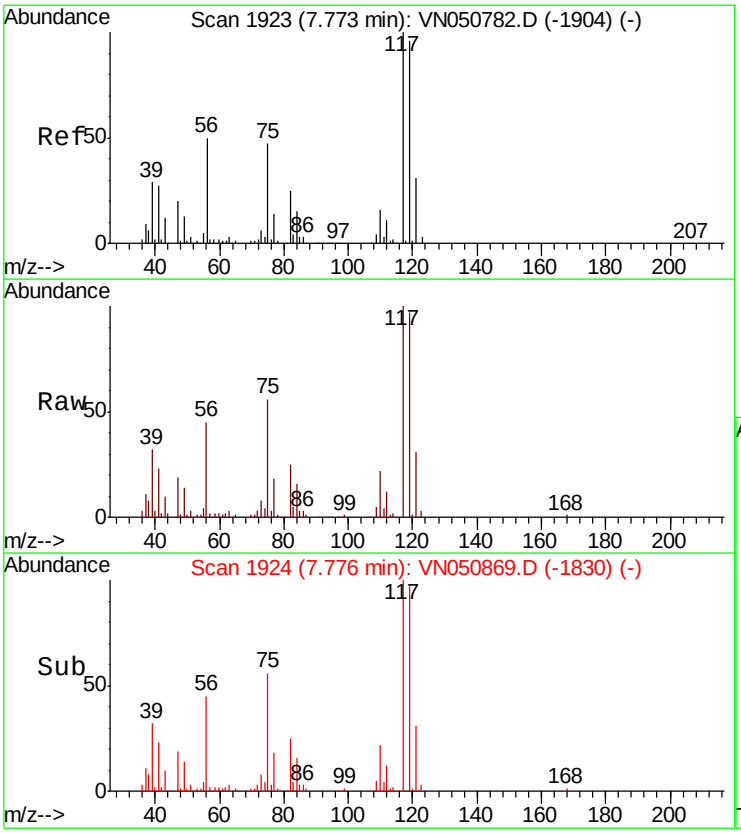
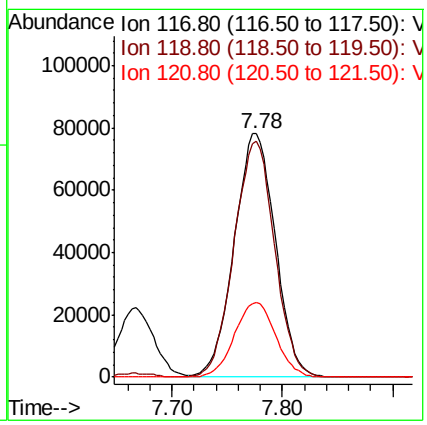


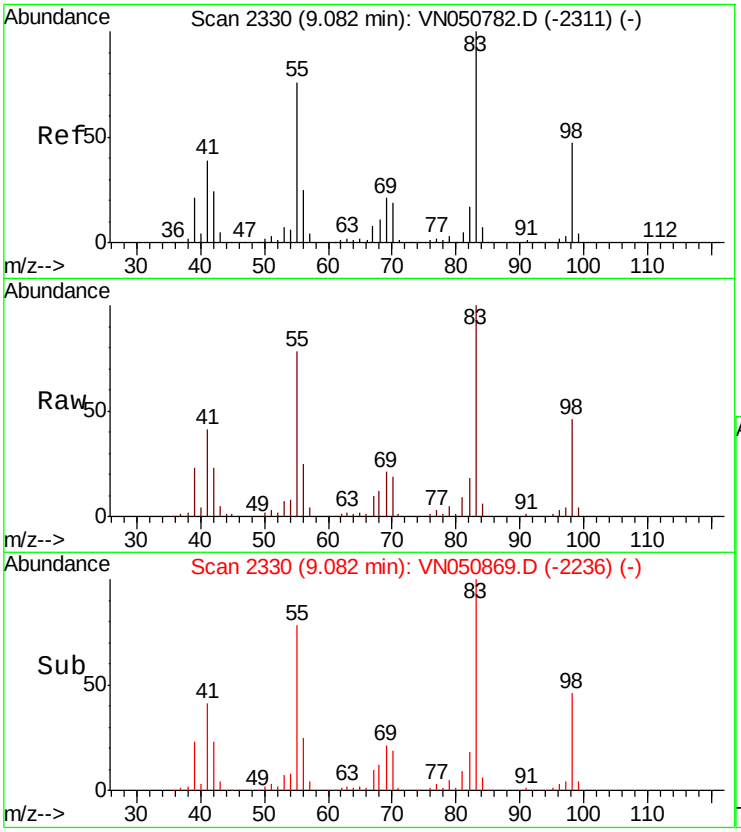


#38
Carbon Tetrachloride
Concen: 19.559 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion:117 Resp: 201411

Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.3	114.5
121	30.9	24.6	36.8





#39
Methylcyclohexane
Concen: 18.806 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 83 Resp: 207266

Ion	Ratio	Lower	Upper
83	100		
55	78.0	61.0	91.4
98	46.0	37.5	56.3

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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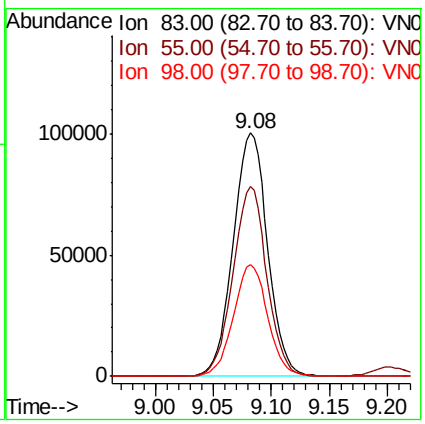
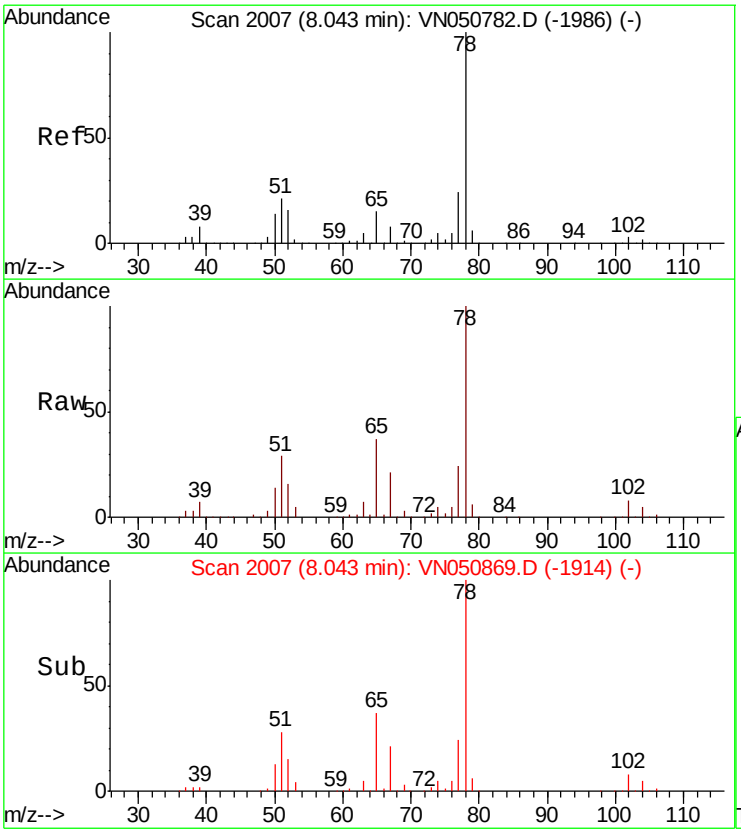
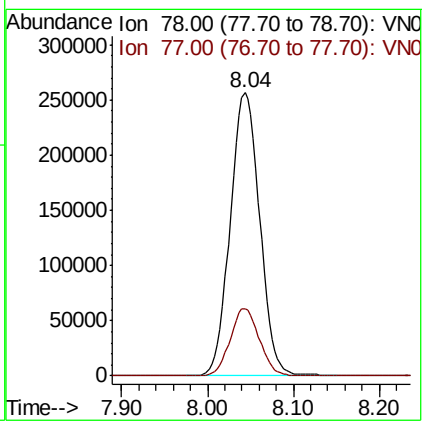


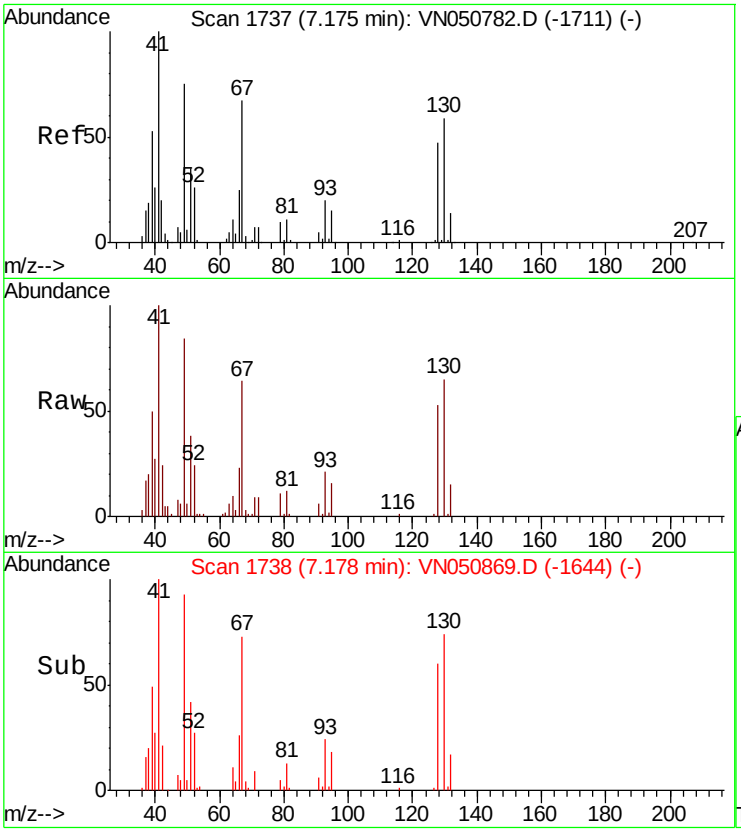


#40
Benzene
Concen: 19.891 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 78 Resp: 611037

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.4





#41
Methacrylonitrile
Concen: 20.743 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 41 Resp: 65692

Ion	Ratio	Lower	Upper
41	100		
39	48.1	45.4	68.0
67	78.5	70.6	106.0
52	32.5	27.1	40.7

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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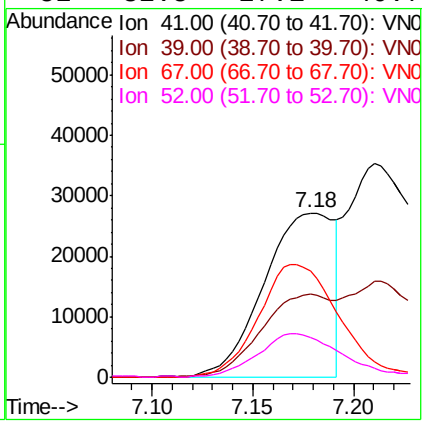
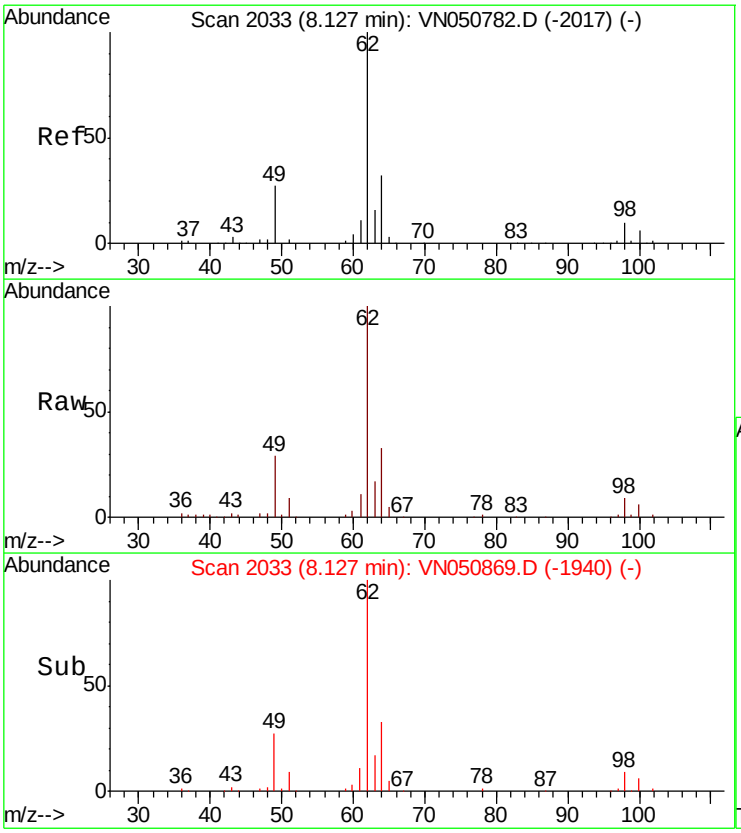
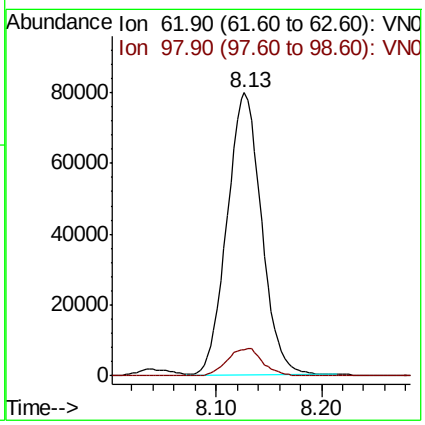


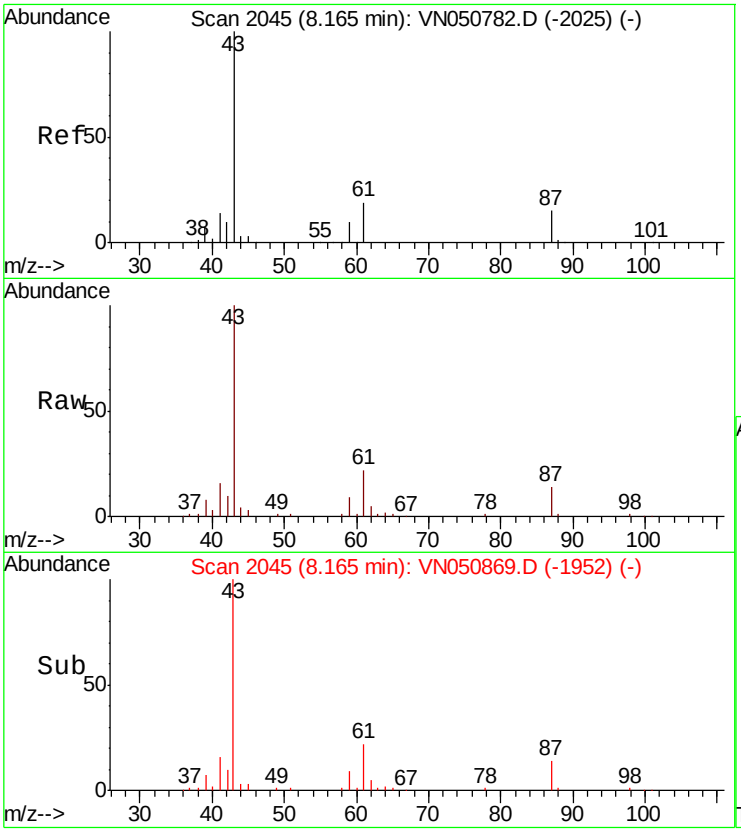


#42
1,2-Dichloroethane
Concen: 19.726 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 62 Resp: 181167

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.6





#43
Isopropyl Acetate
Concen: 20.069 ug/l
RT: 8.17 min Scan# 2045
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 43 Resp: 201927

Ion	Ratio	Lower	Upper
43	100		
61	20.8	17.5	26.3
87	13.9	11.3	16.9

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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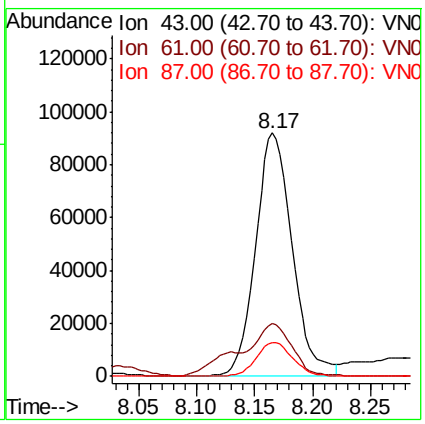
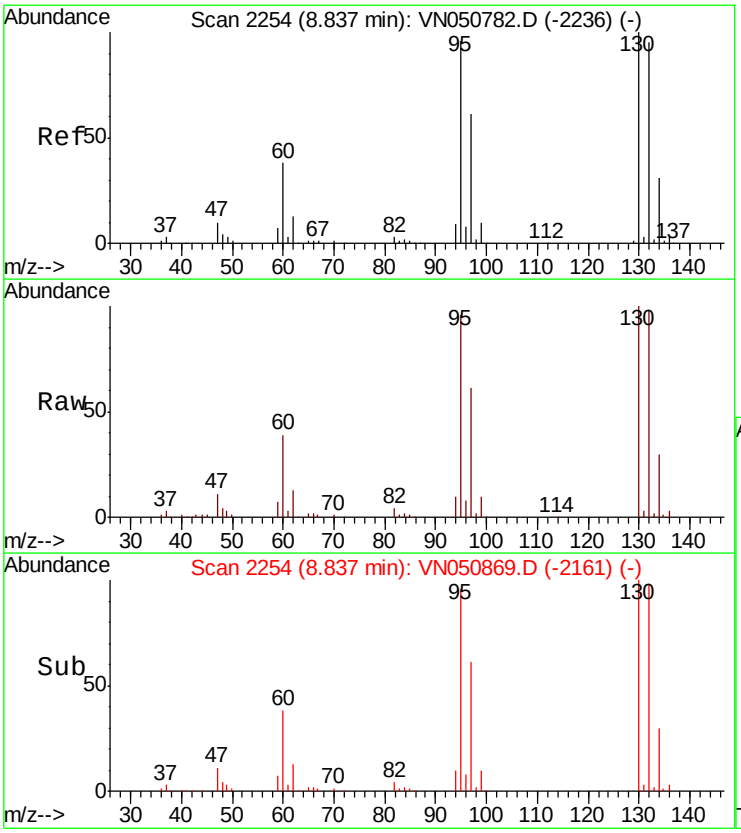
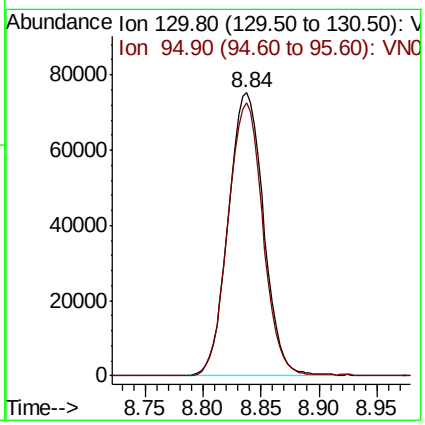


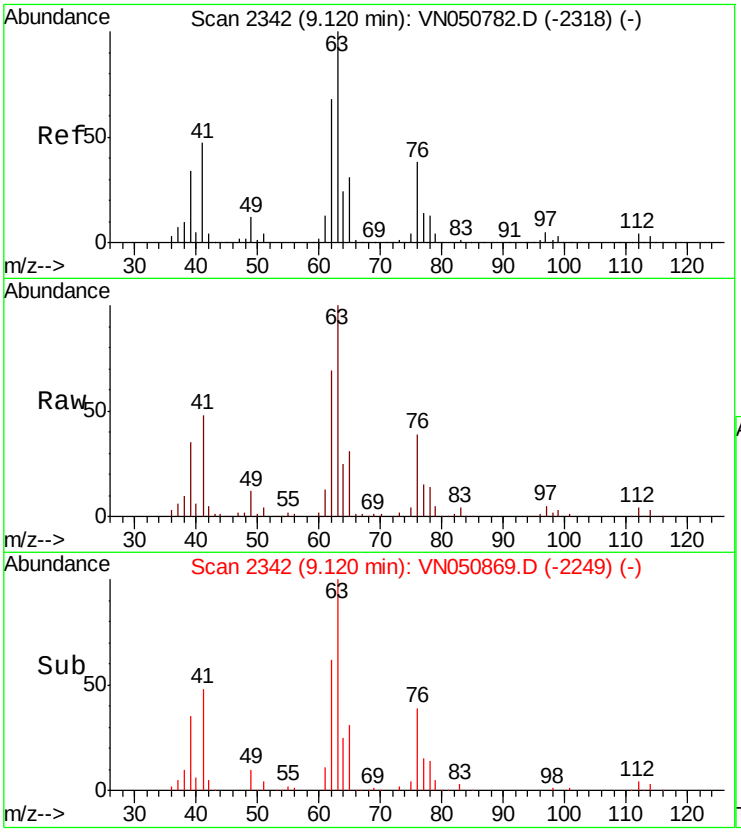


#44
Trichloroethene
Concen: 19.591 ug/l
RT: 8.84 min Scan# 2254
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion:130 Resp: 158718

Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	193.0





#45
1,2-Dichloropropane
Concen: 19.850 ug/l
RT: 9.12 min Scan# 2342
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 63 Resp: 160265

Ion	Ratio	Lower	Upper
63	100		
65	31.3	25.0	37.6

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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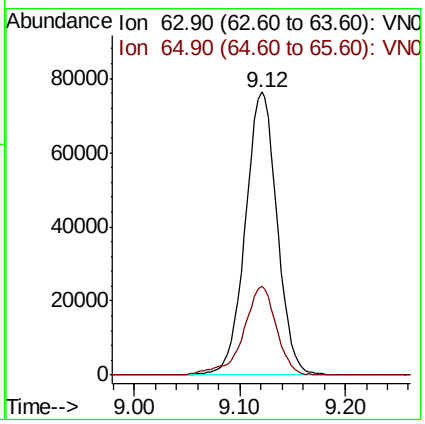
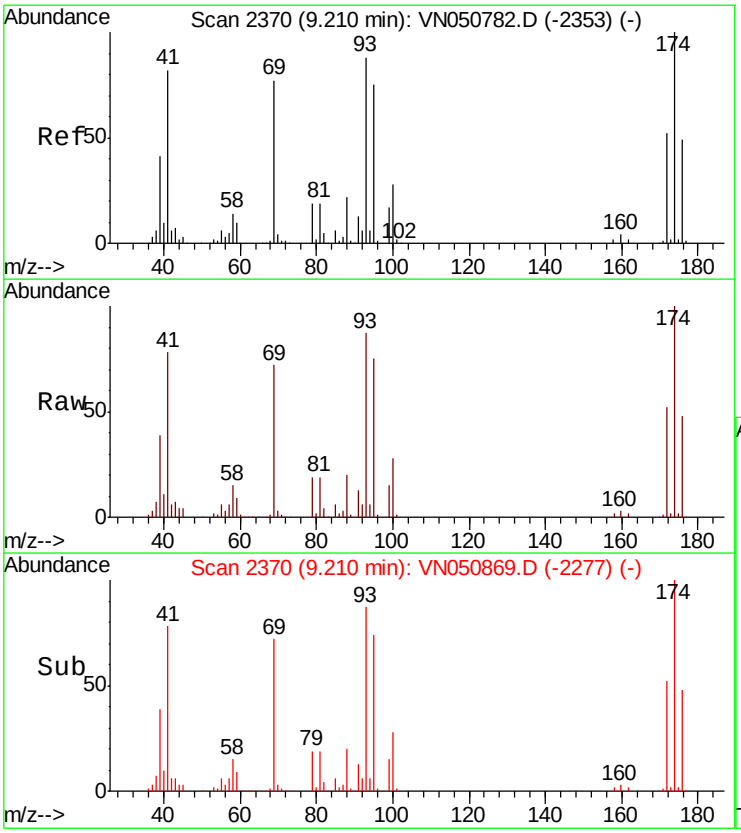
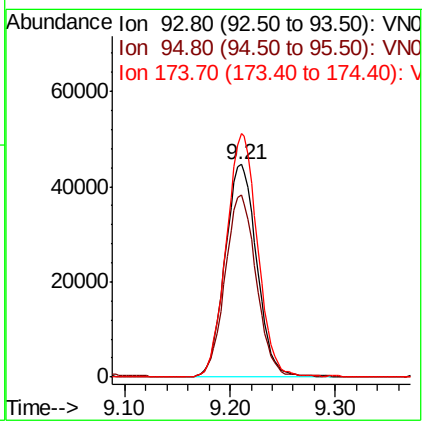


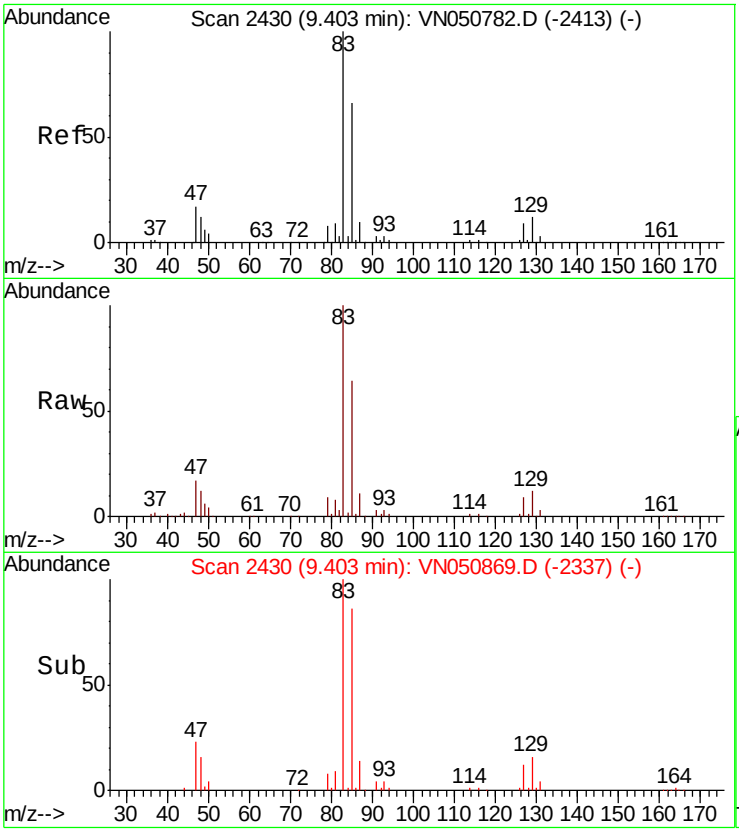


#46
Dibromomethane
Concen: 19.678 ug/l
RT: 9.21 min Scan# 2370
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 93 Resp: 93350

Ion	Ratio	Lower	Upper
93	100		
95	84.3	66.7	100.1
174	112.5	89.8	134.6





#47
Bromodichloromethane
Concen: 20.105 ug/l
RT: 9.40 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 83 Resp: 199767

Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.6	78.8
127	8.7	7.2	10.8

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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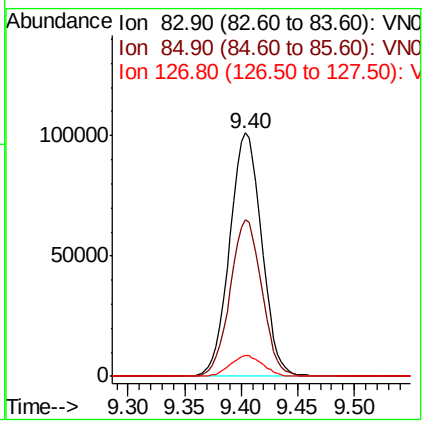
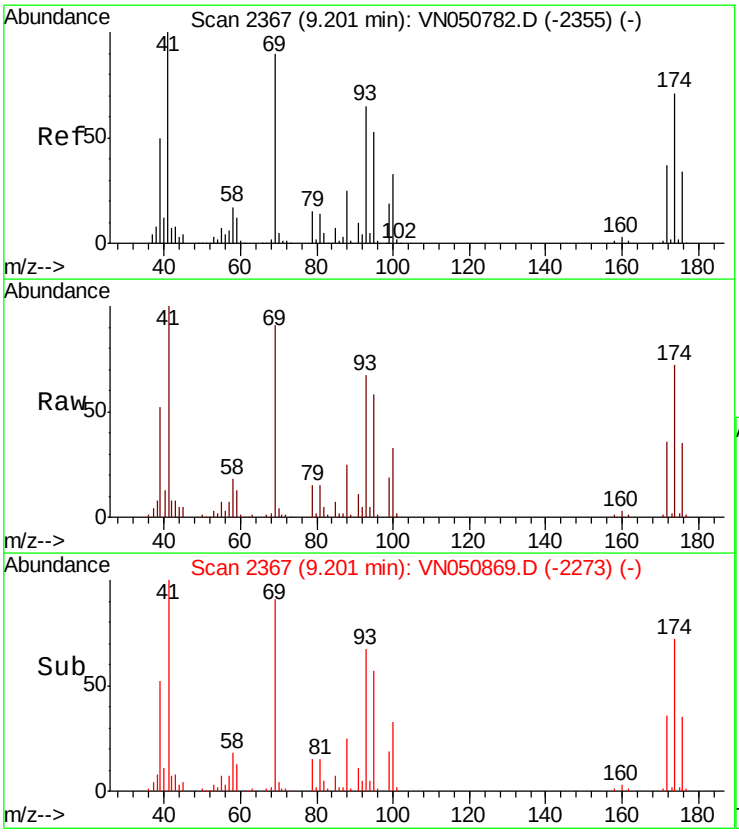
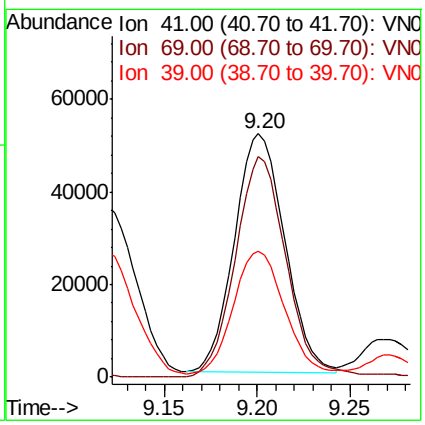


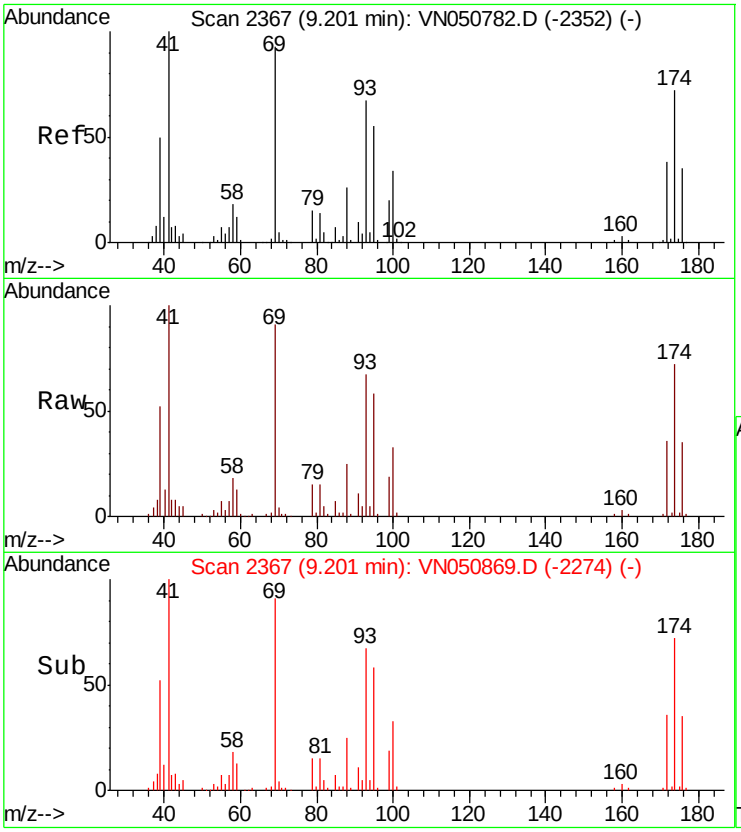


#48
Methyl methacrylate
Concen: 19.021 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 41 Resp: 97536

Ion	Ratio	Lower	Upper
41	100		
69	93.0	74.7	112.1
39	54.0	42.2	63.2





#49
1,4-Dioxane
Concen: 394.406 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 88 Resp: 27570

Ion	Ratio	Lower	Upper
88	100		
43	31.8	25.9	38.9
58	73.6	55.0	82.4

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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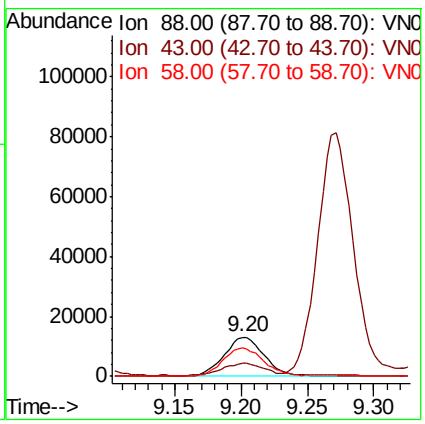
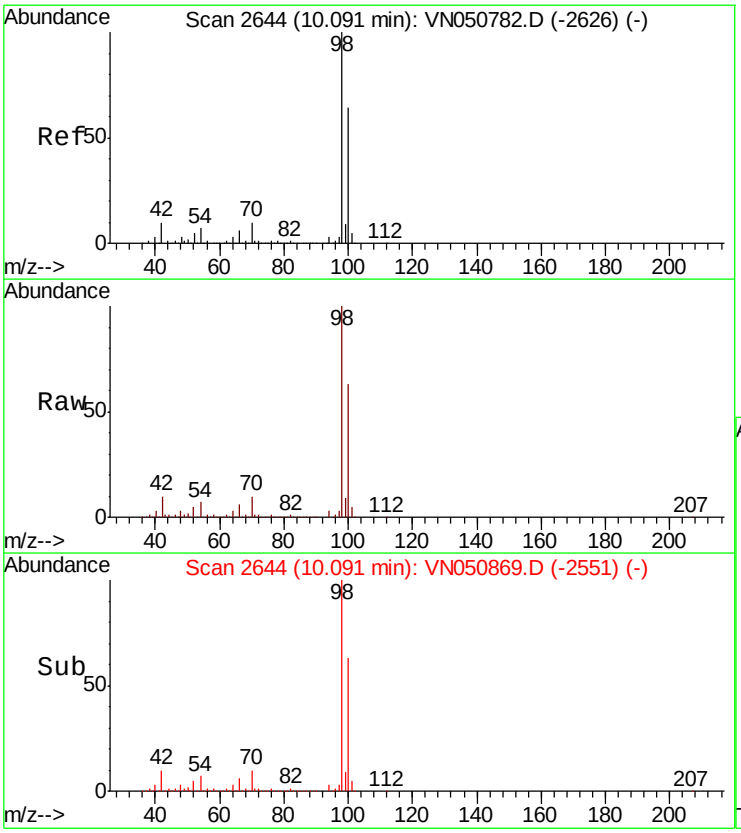
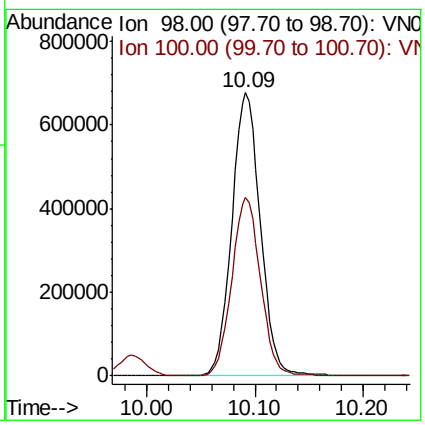


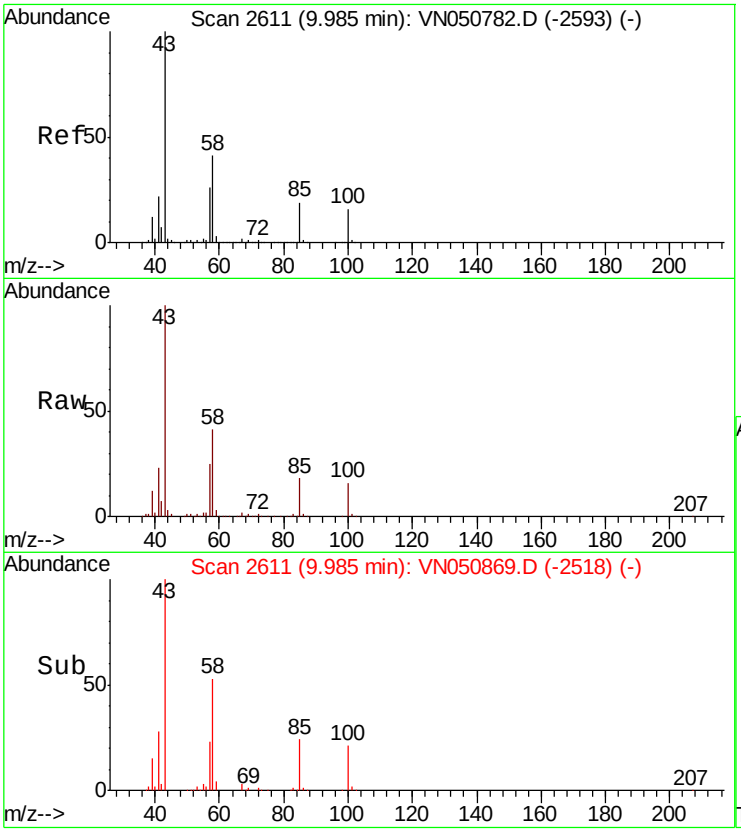


#50
Toluene-d8
Concen: 48.664 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 98 Resp: 1249566

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.5	77.3





#51
4-Methyl-2-Pentanone
Concen: 94.372 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 43 Resp: 566631

Ion	Ratio	Lower	Upper
43	100		
58	40.0	32.4	48.6

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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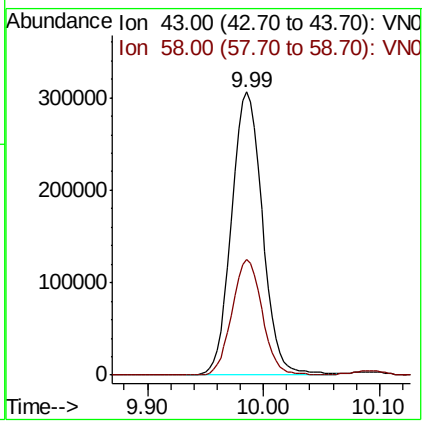
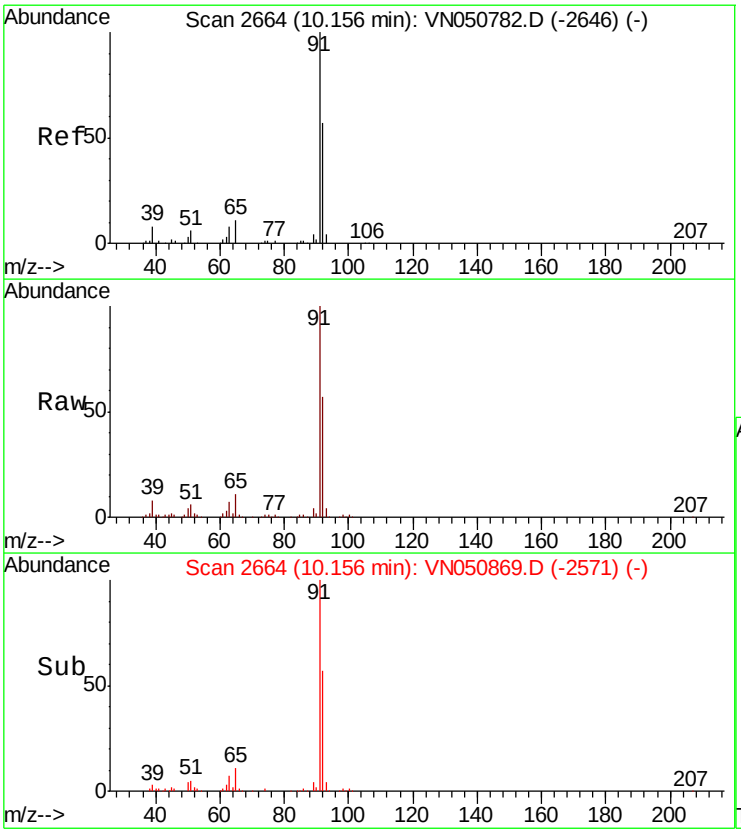
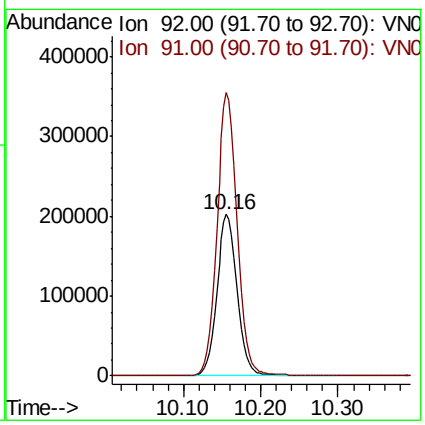


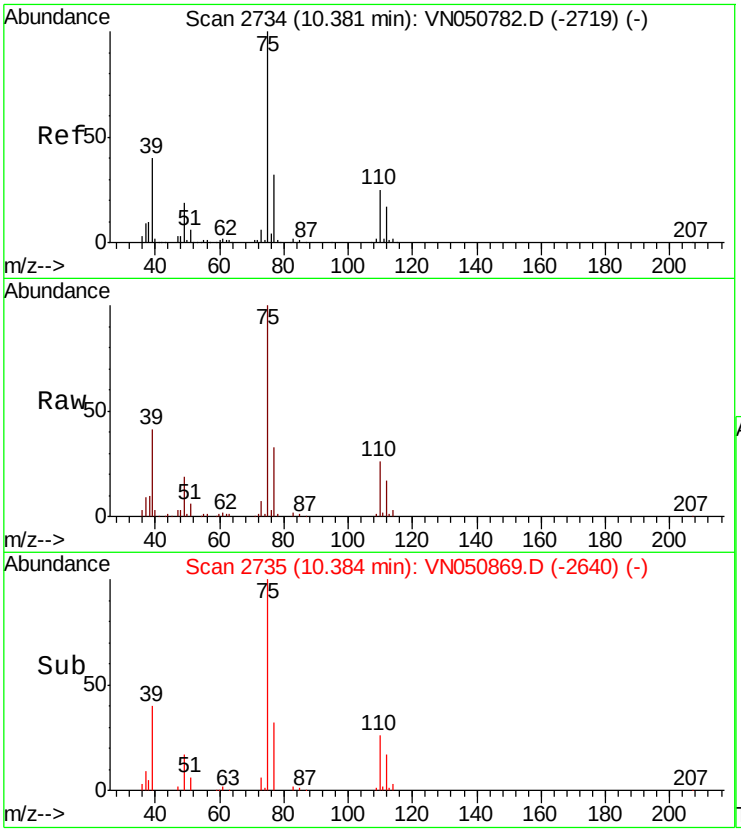


#52
Toluene
Concen: 20.326 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 92 Resp: 369885

Ion	Ratio	Lower	Upper
92	100		
91	175.5	140.6	211.0





#53
t-1,3-Dichloropropene
Concen: 18.740 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 75 Resp: 185339

Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.7	38.5

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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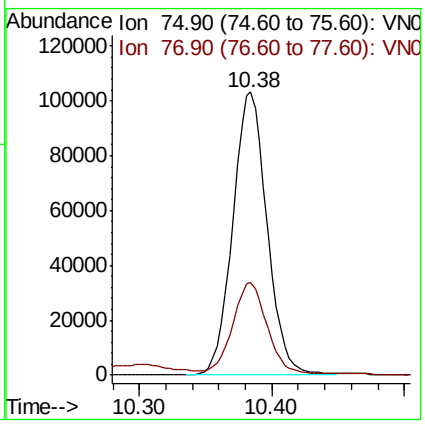
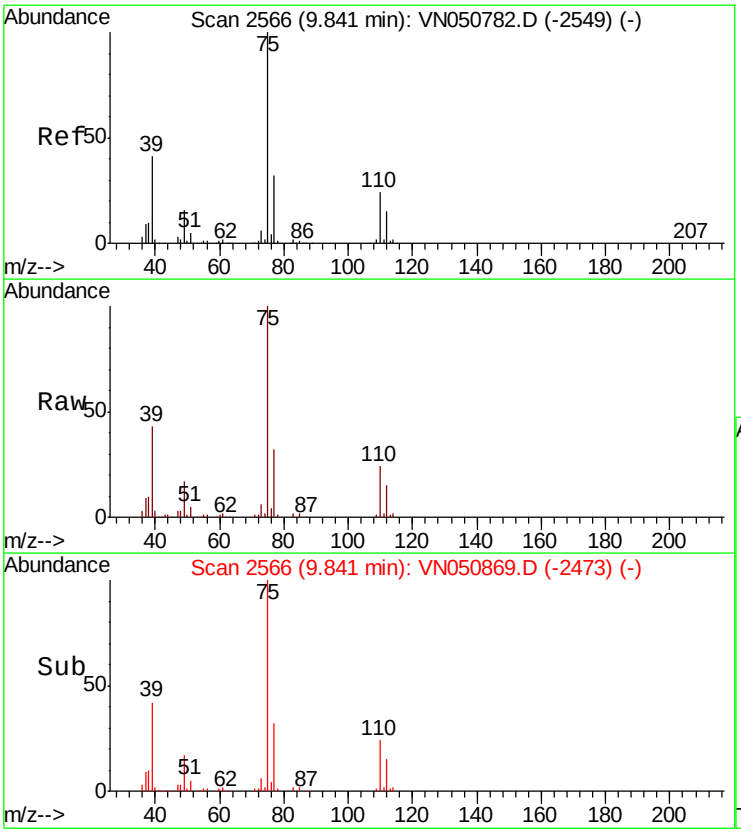
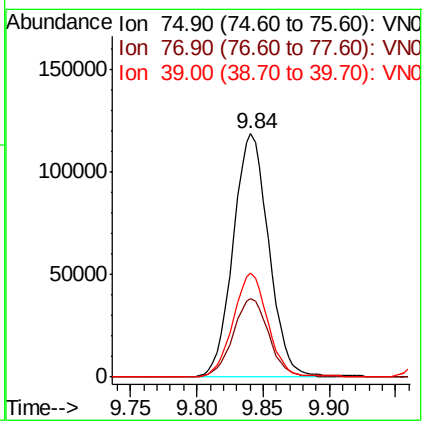


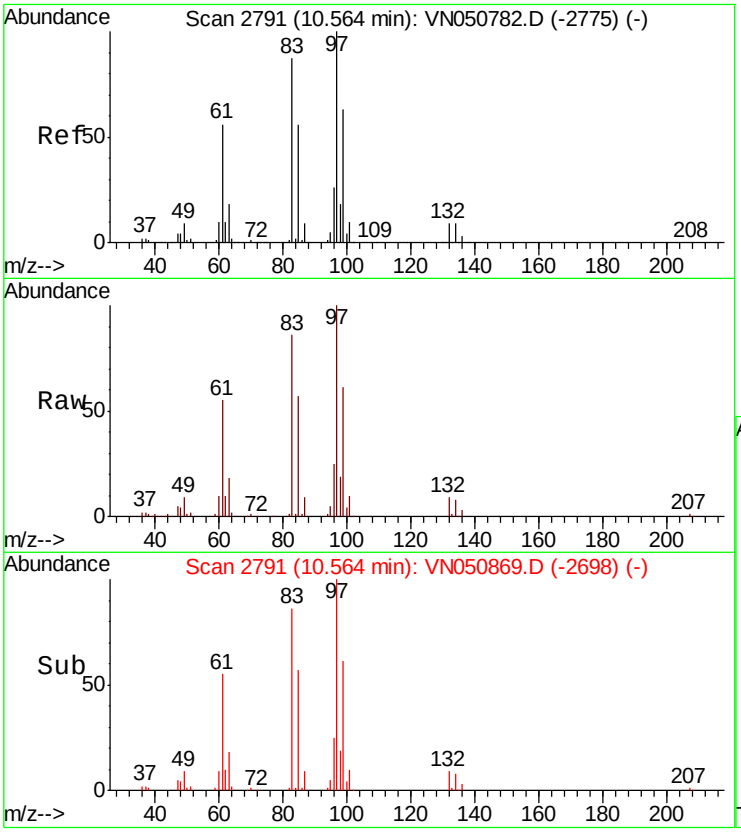


#54
cis-1,3-Dichloropropene
Concen: 19.546 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 75 Resp: 221363

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.4	38.2
39	42.5	33.0	49.4





#55
1,1,2-Trichloroethane
Concen: 19.884 ug/l
RT: 10.56 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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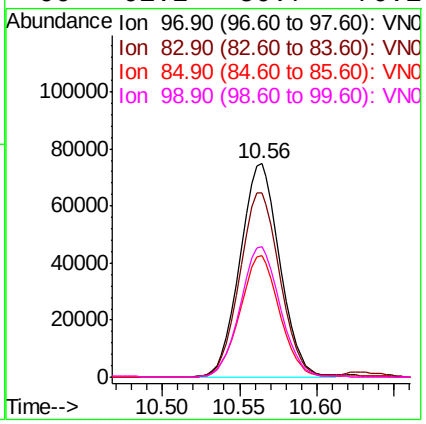
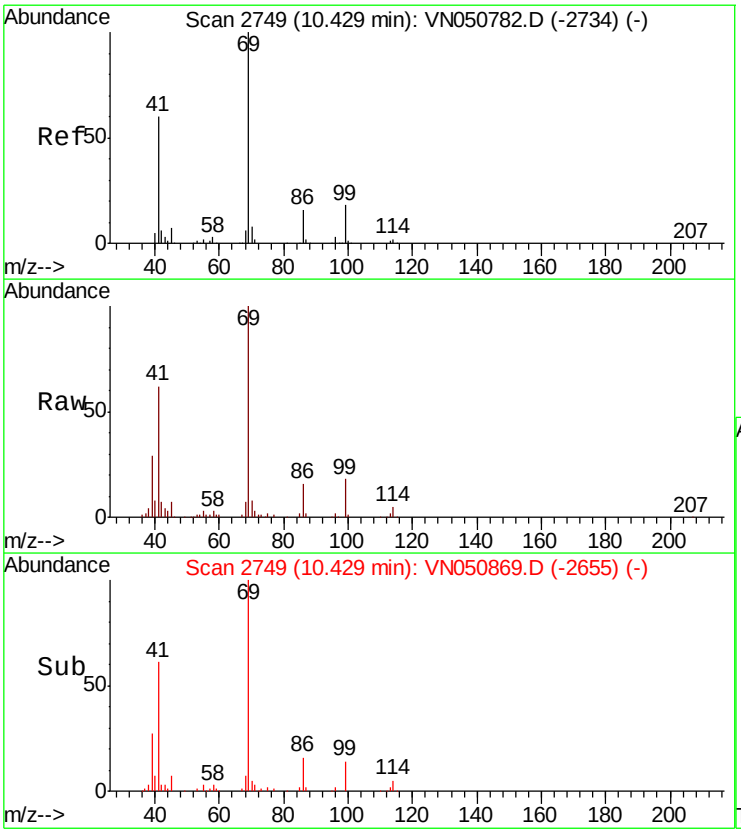
Tgt Ion: 97 Resp: 134298

Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.7	104.5
85	56.9	44.5	66.7
99	61.2	50.7	76.1

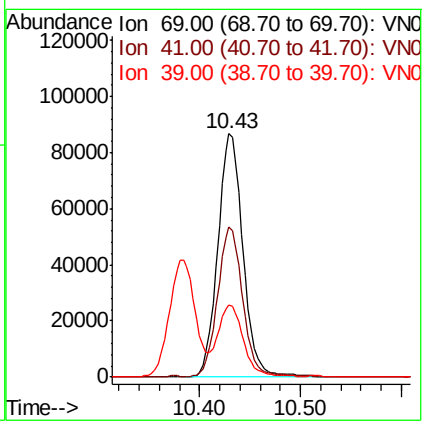


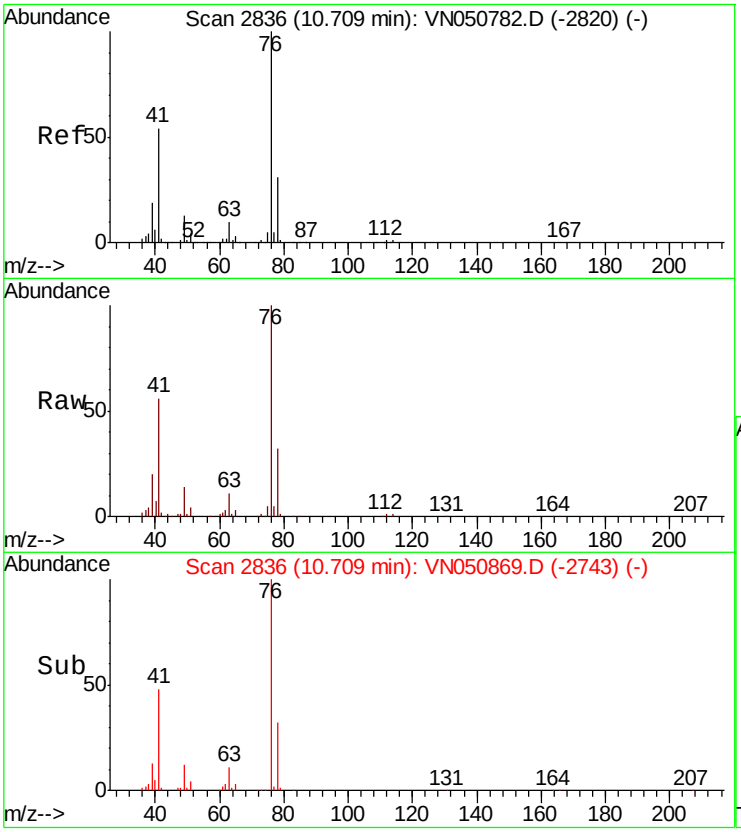


#56
Ethyl methacrylate
Concen: 18.741 ug/l
RT: 10.43 min Scan# 2749
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 69 Resp: 151121

Ion	Ratio	Lower	Upper
69	100		
41	62.2	48.3	72.5
39	29.4	24.0	36.0





#57
1,3-Dichloropropane
Concen: 19.910 ug/l
RT: 10.71 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 76 Resp: 221962

Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.5	38.3

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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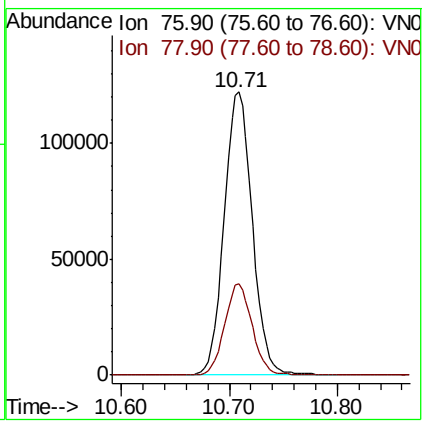
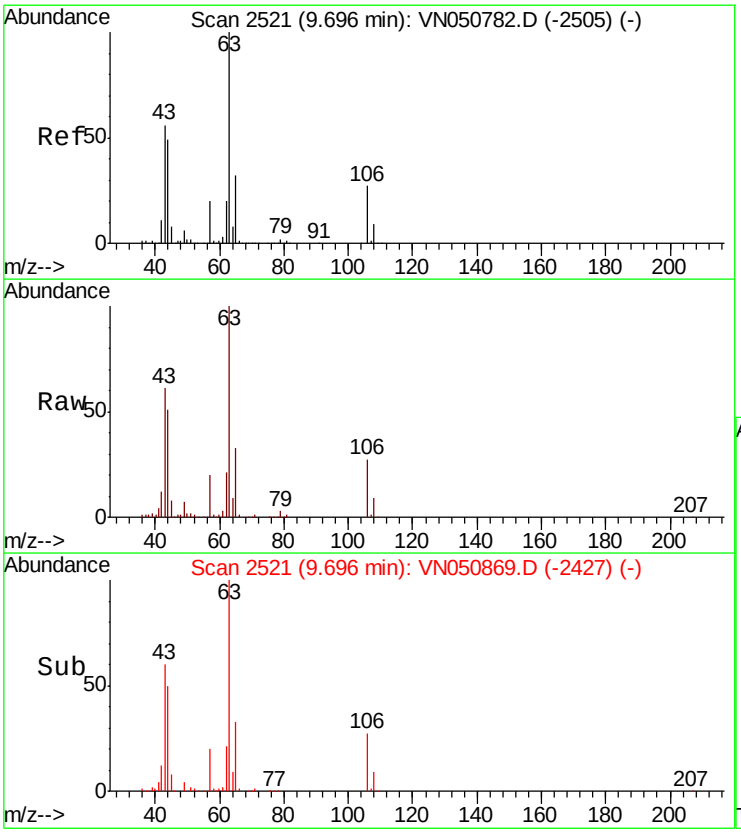
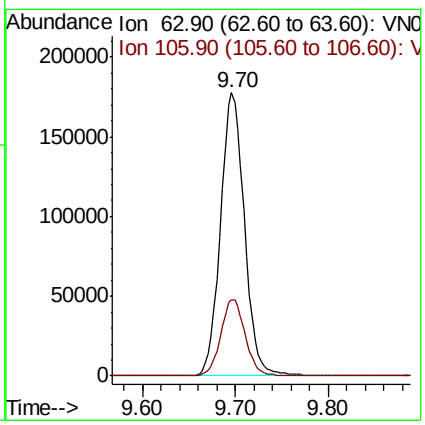


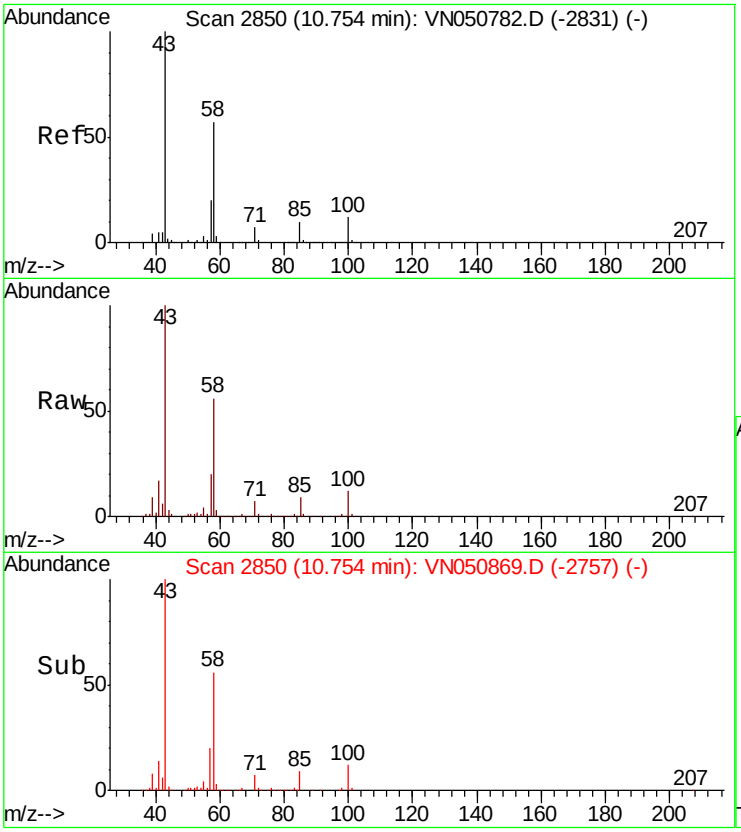


#58
2-Chloroethyl Vinyl ether
Concen: 91.206 ug/l
RT: 9.70 min Scan# 2521
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 63 Resp: 318389

Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.9	32.9





#59
2-Hexanone
Concen: 90.496 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 43 Resp: 361727

Ion	Ratio	Lower	Upper
43	100		
58	55.5	28.3	85.0

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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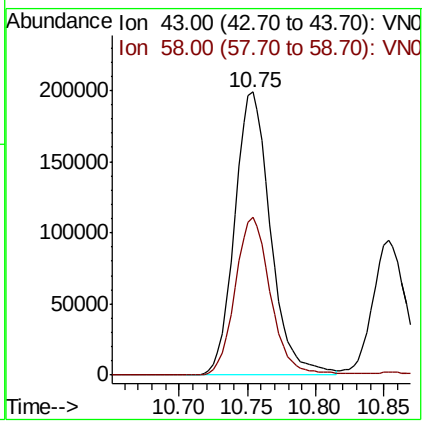
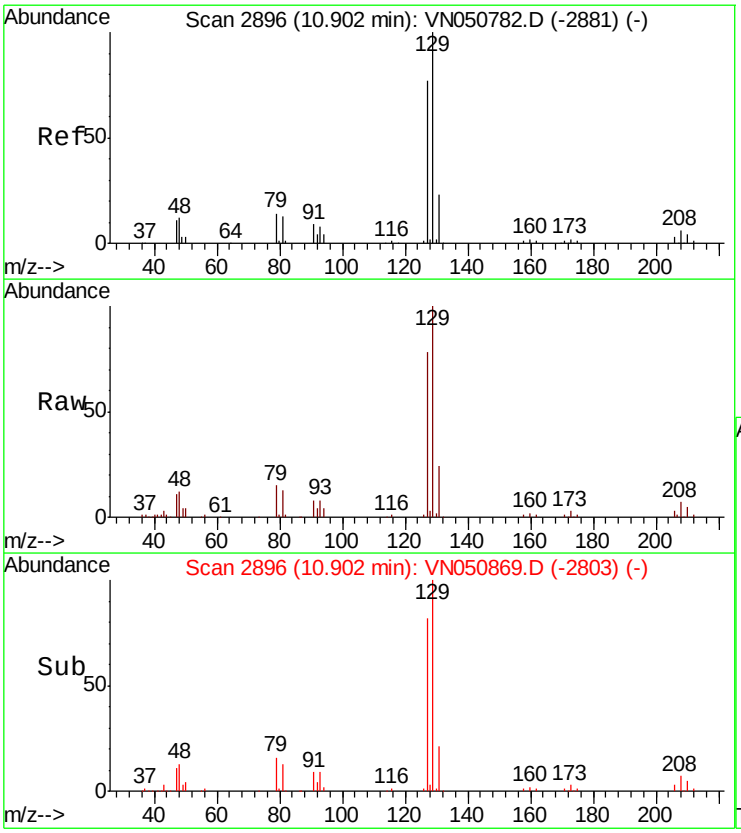
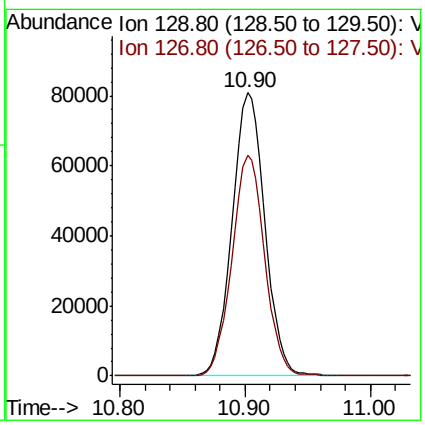


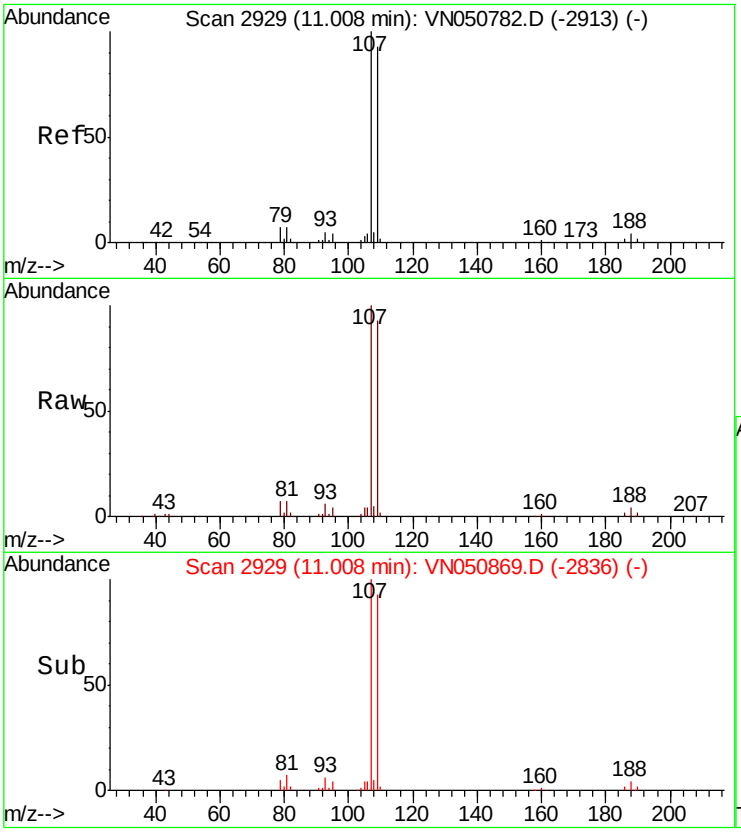


#60
Dibromochloromethane
Concen: 19.400 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion:129 Resp: 146708

Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.3	114.9





#61
1,2-Dibromoethane
Concen: 19.925 ug/l
RT: 11.01 min Scan# 2929
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion:107 Resp: 130133

Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.4	113.2

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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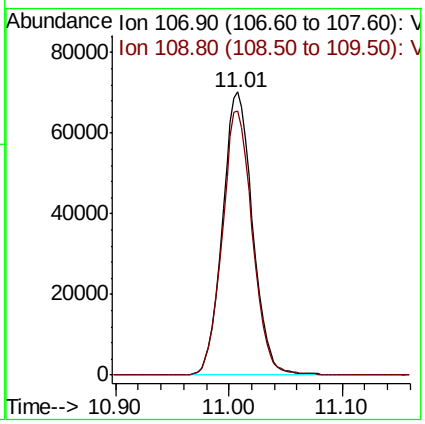
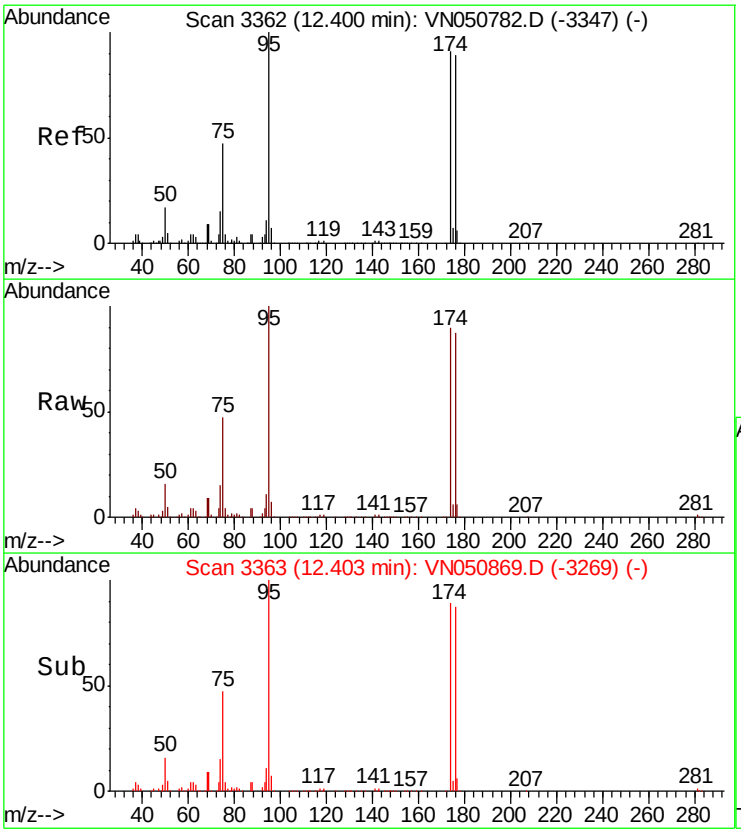
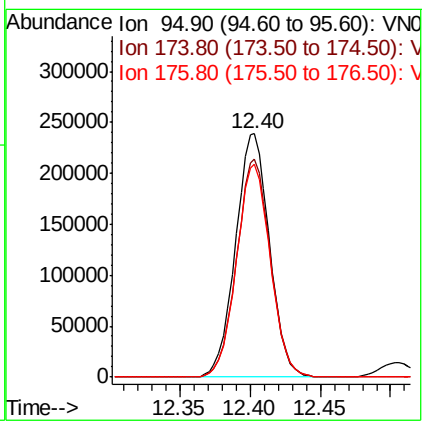


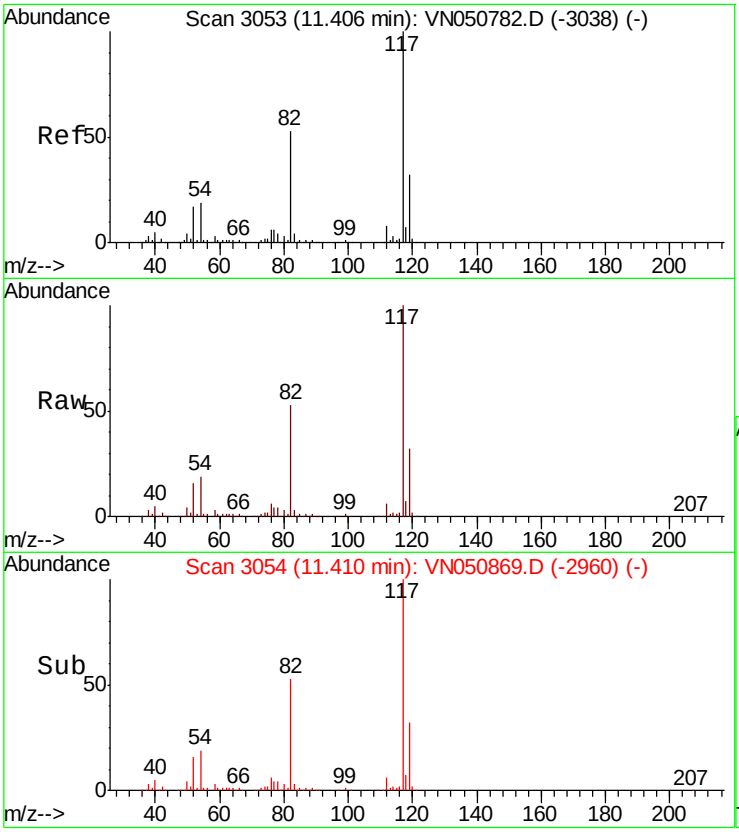


#62
4-Bromofluorobenzene
Concen: 47.222 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 95 Resp: 402927

Ion	Ratio	Lower	Upper
95	100		
174	89.0	0.0	183.0
176	87.0	0.0	178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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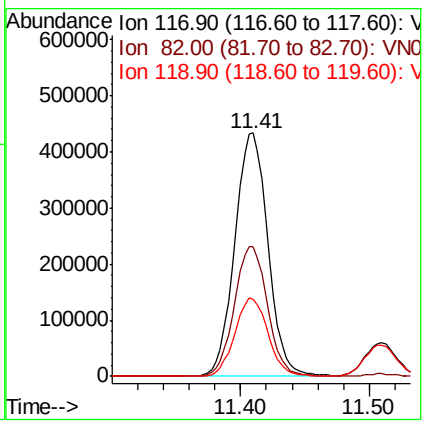
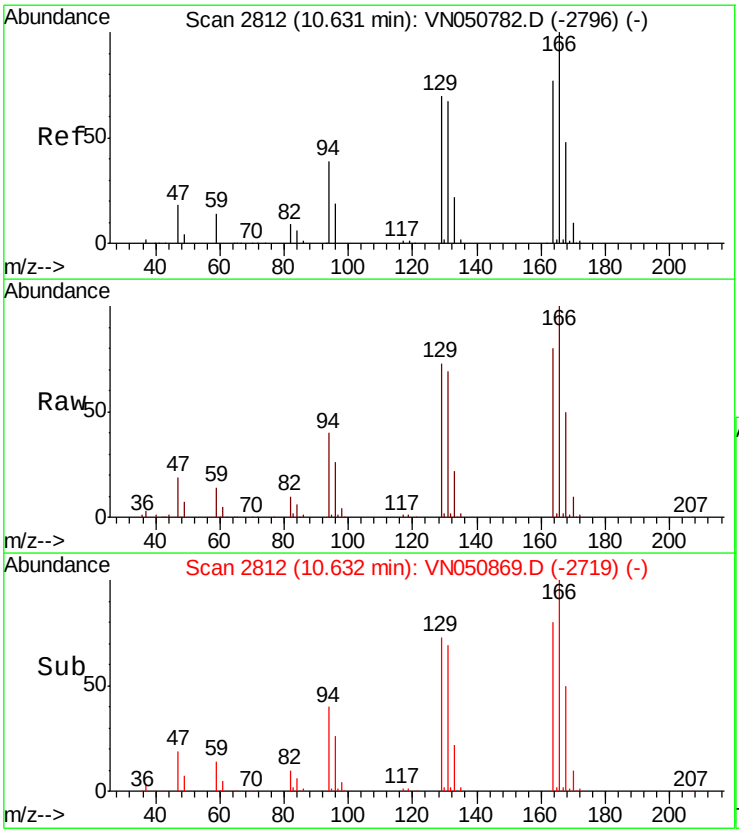
Tgt Ion:117 Resp: 776253

Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.6	64.0
119	32.0	25.8	38.6

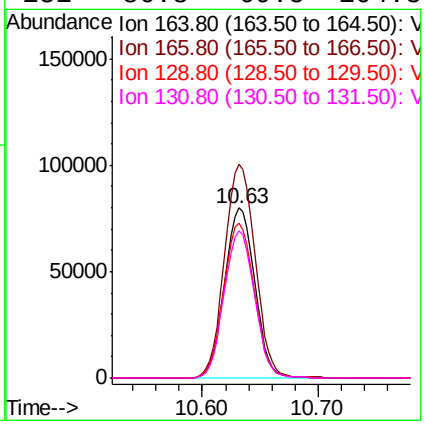


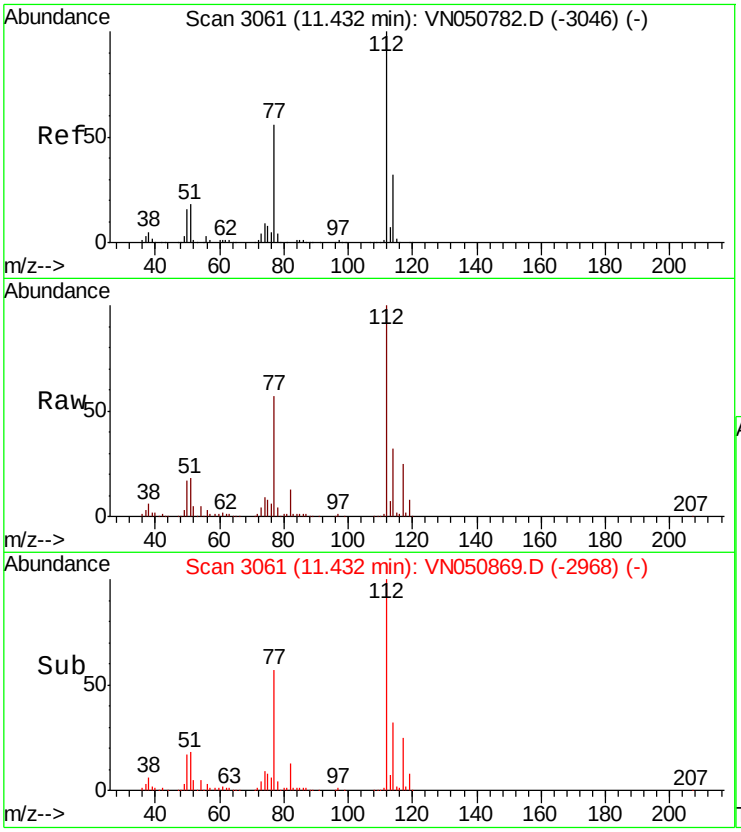


#64
Tetrachloroethene
Concen: 19.517 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion:164 Resp: 143897

Ion	Ratio	Lower	Upper
164	100		
166	125.5	103.5	155.3
129	91.1	72.7	109.1
131	86.8	69.5	104.3





#65
Chlorobenzene
Concen: 19.581 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion:112 Resp: 397300

Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.6	38.4

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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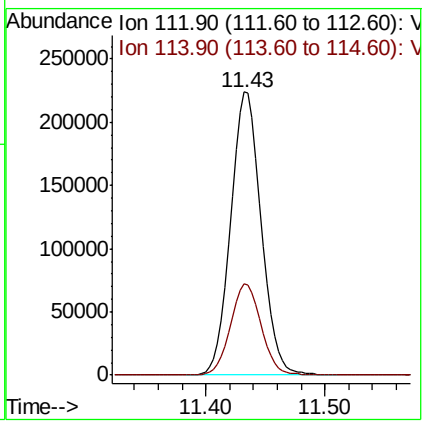
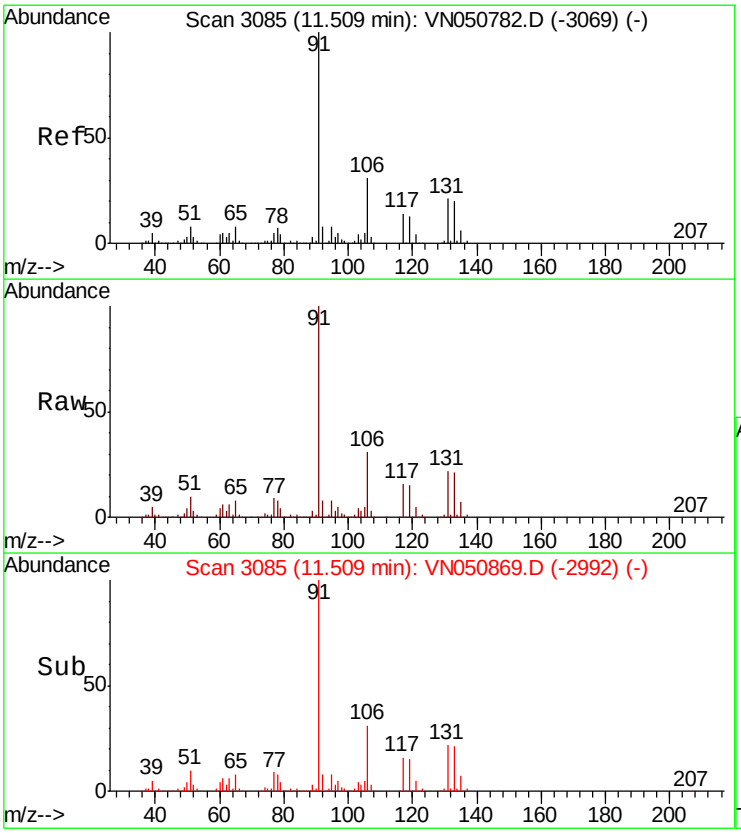
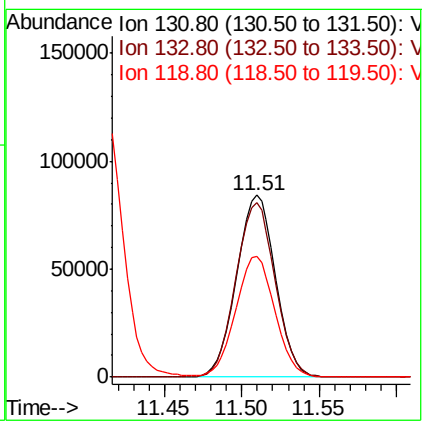


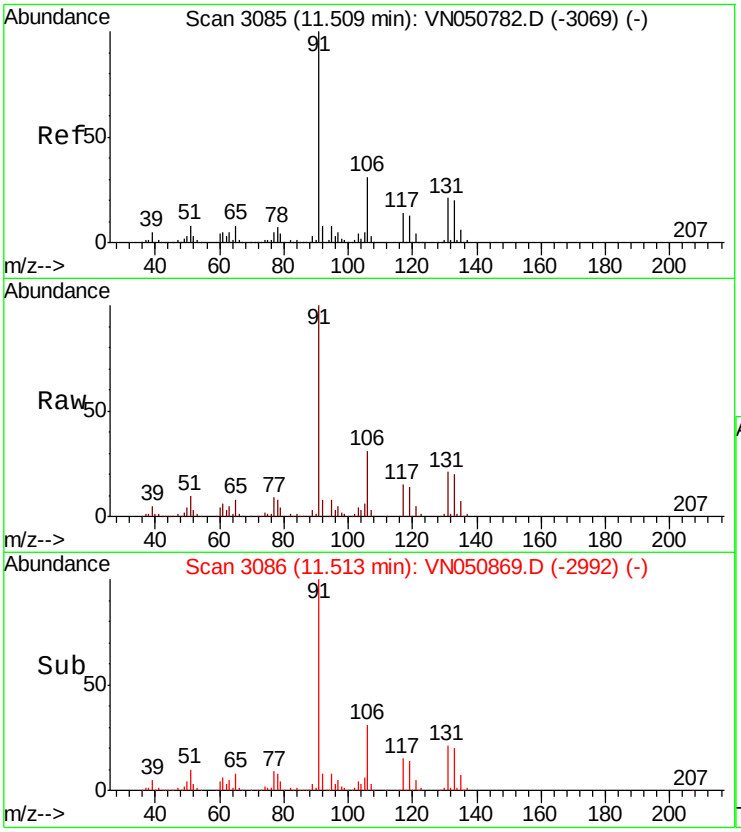


#66
1,1,1,2-Tetrachloroethane
Concen: 19.819 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion:131 Resp: 147129

Ion	Ratio	Lower	Upper
131	100		
133	96.9	47.4	142.3
119	67.0	32.8	98.4





#67
Ethyl Benzene
Concen: 19.739 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

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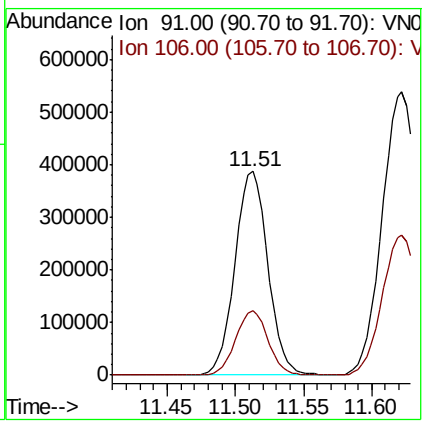
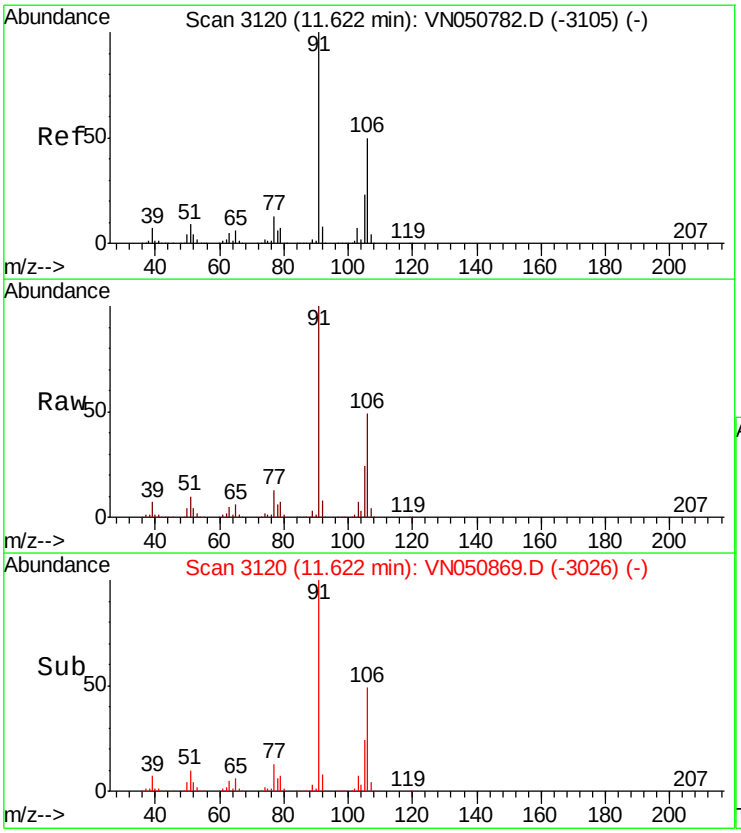
Tgt Ion: 91 Resp: 651107

Ion	Ratio	Lower	Upper
91	100		
106	31.5	25.0	37.4

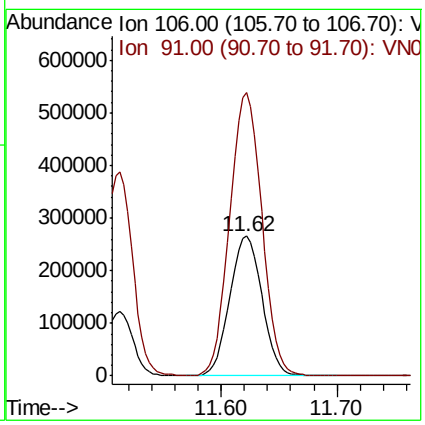


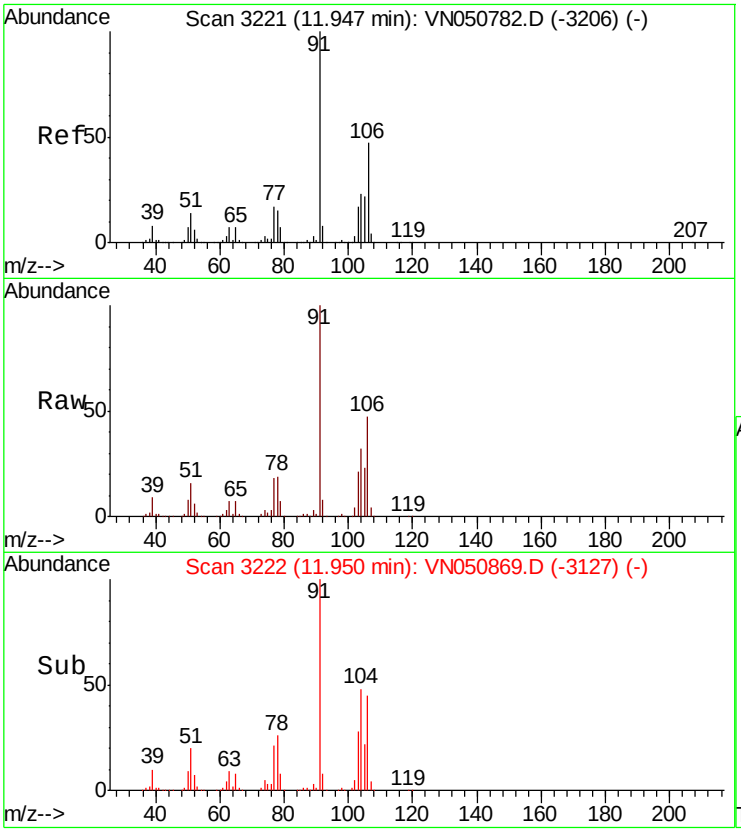


#68
m/p-Xylenes
Concen: 40.819 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion:106 Resp: 511070

Ion	Ratio	Lower	Upper
106	100		
91	202.2	161.0	241.6





#69
o-Xylene
Concen: 20.371 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion:106 Resp: 245210

Ion	Ratio	Lower	Upper
106	100		
91	212.2	106.5	319.5

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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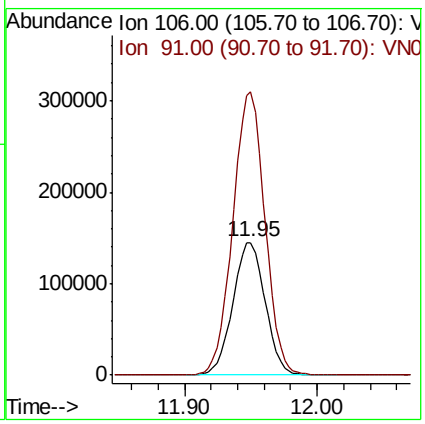
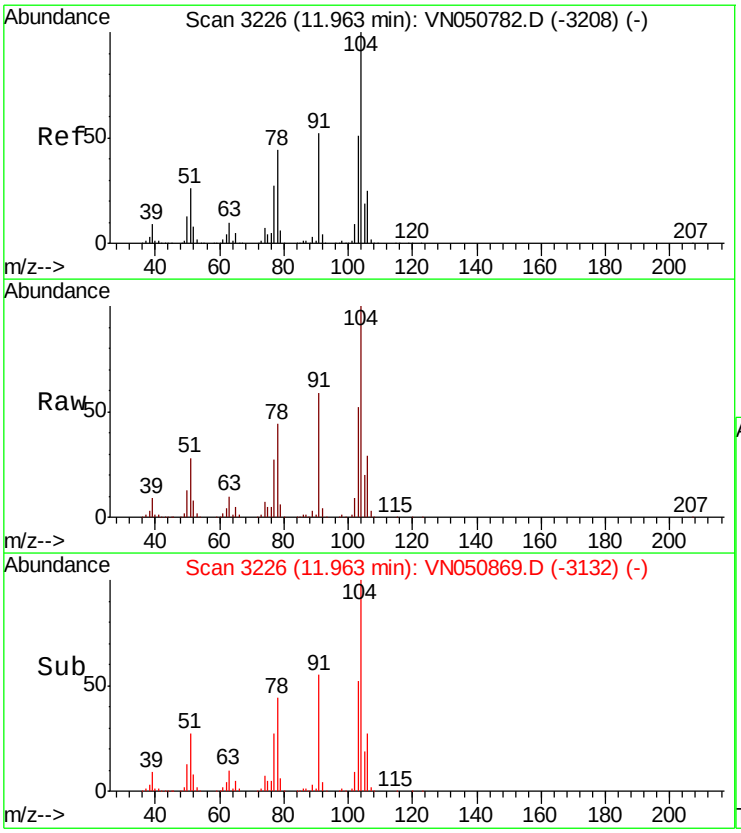
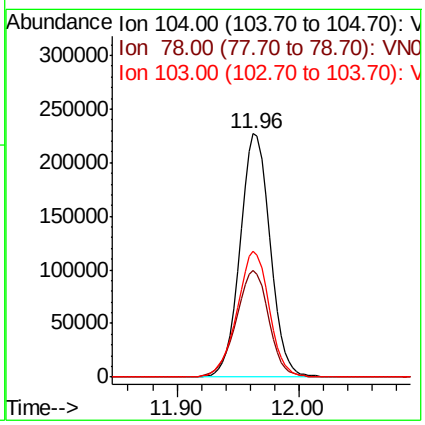


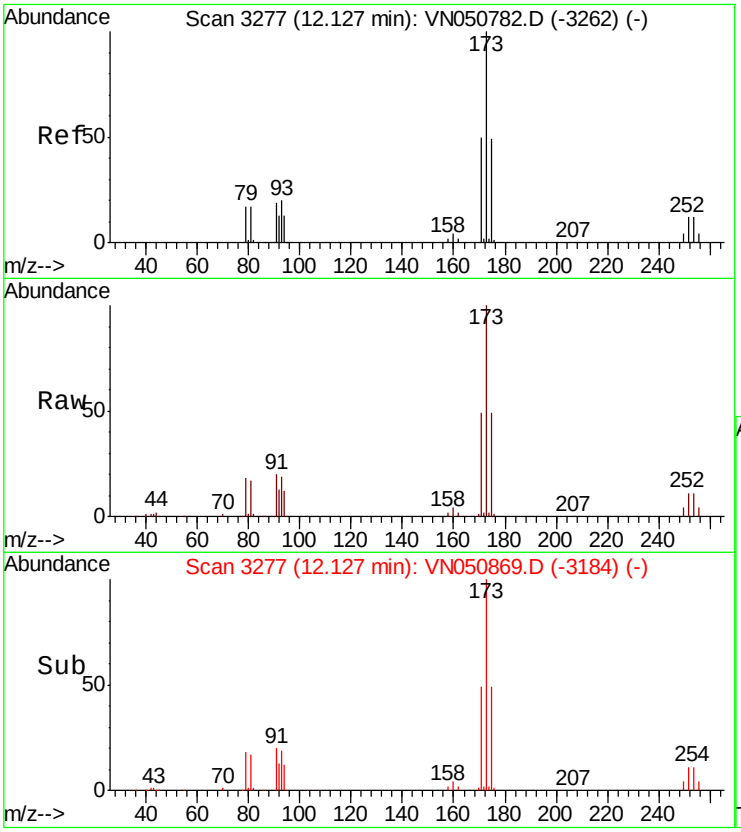


#70
Styrene
Concen: 18.940 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion:104 Resp: 384597

Ion	Ratio	Lower	Upper
104	100		
78	47.7	38.2	57.4
103	55.5	44.4	66.6





#71
Bromoform
Concen: 19.594 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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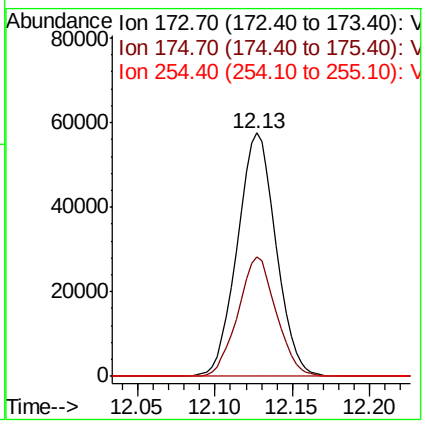
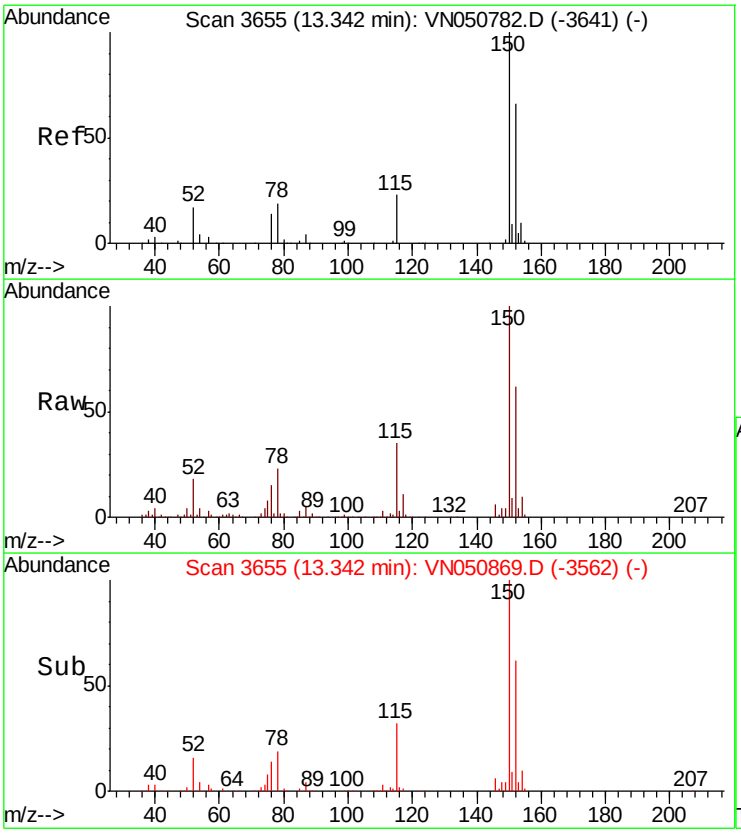
Tgt Ion:173 Resp: 100032

Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.4	73.4
254	0.0	0.1	0.1#

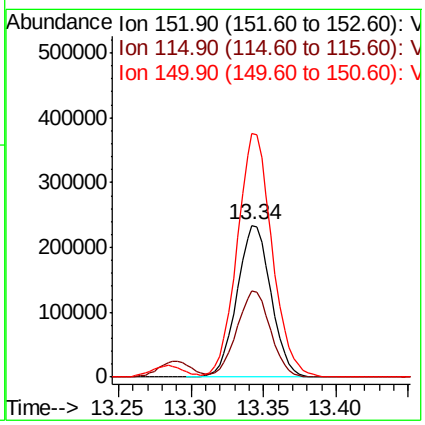


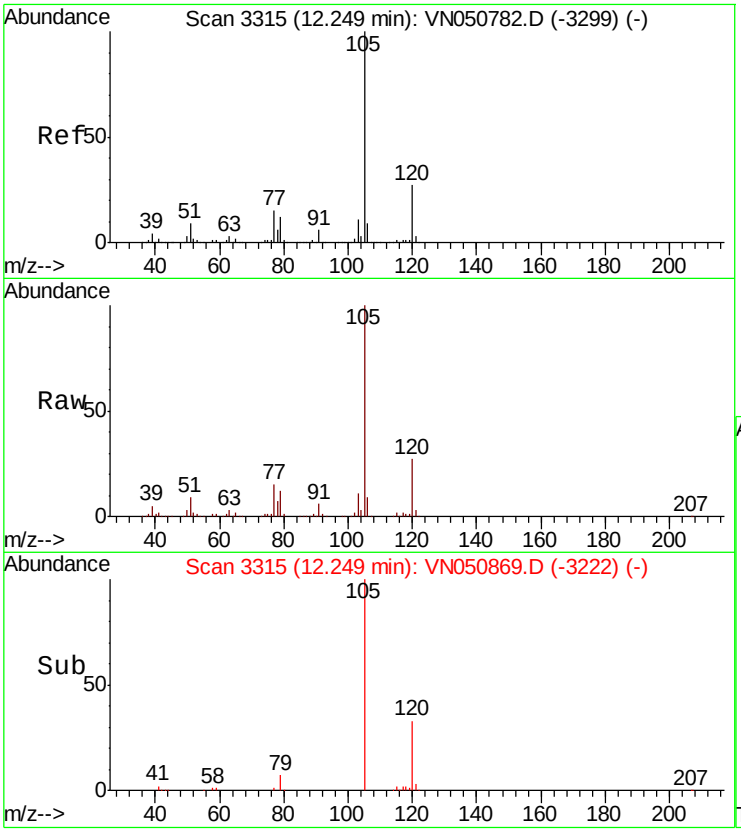


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3655
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion:152 Resp: 380314

Ion	Ratio	Lower	Upper
152	100		
115	56.5	27.8	83.4
150	164.9	0.0	351.4





#73
Isopropylbenzene
Concen: 20.388 ug/l
RT: 12.25 min Scan# 3315
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion:105 Resp: 642045

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.5	40.4

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

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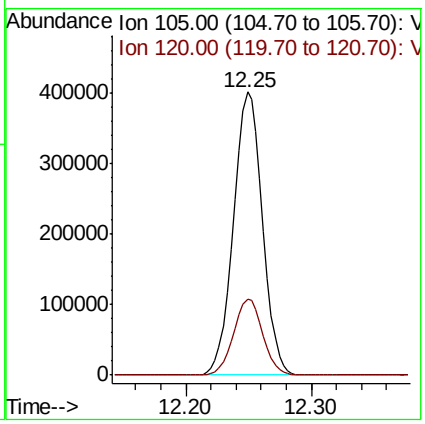
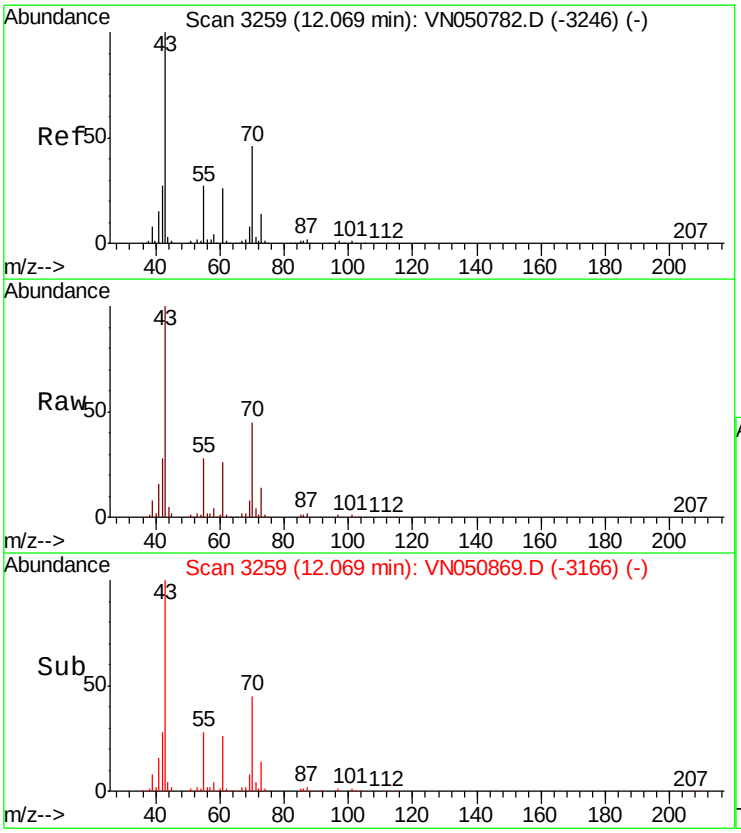
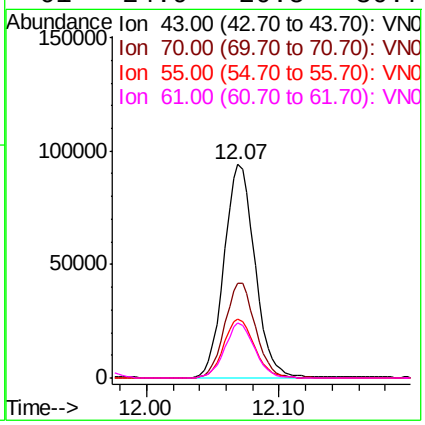


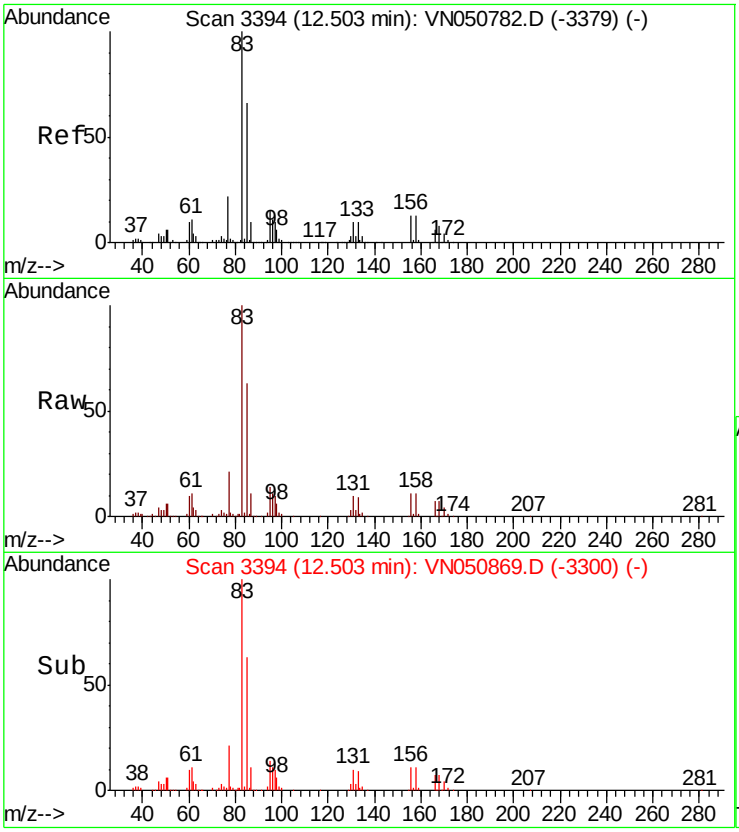


#74
N-amyl acetate
Concen: 19.126 ug/l
RT: 12.07 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 43 Resp: 151337

Ion	Ratio	Lower	Upper
43	100		
70	44.3	36.2	54.2
55	27.8	21.8	32.8
61	24.9	20.5	30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.884 ug/l
RT: 12.50 min Scan# 3394
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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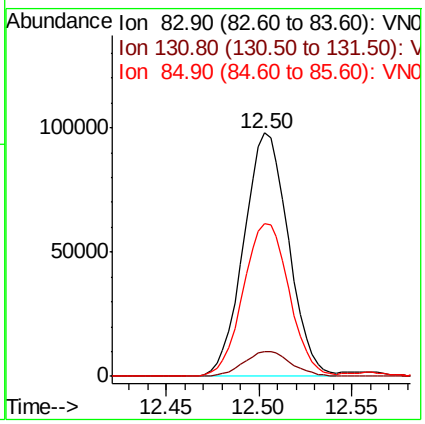
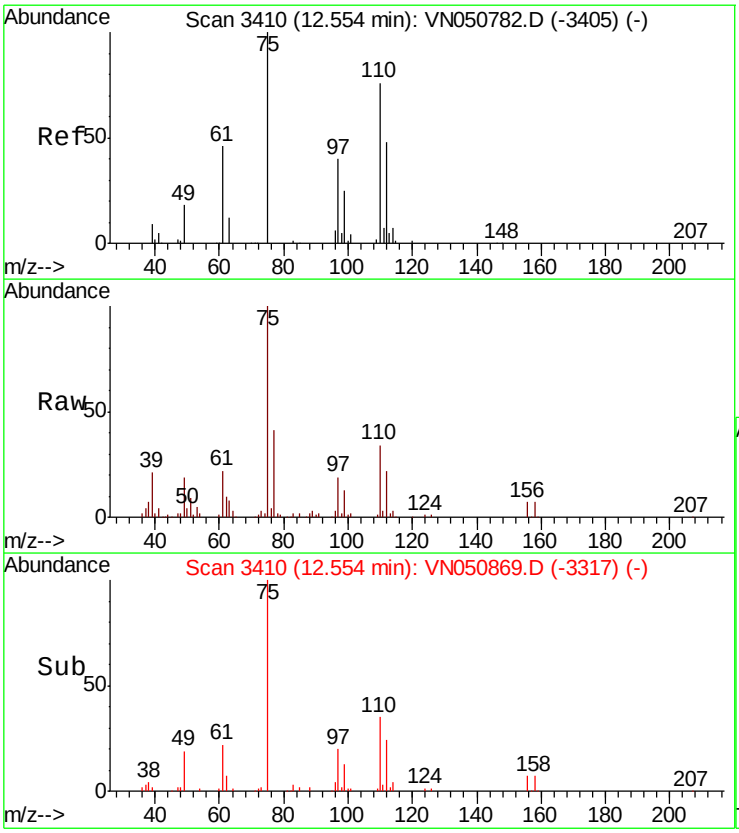
Tgt Ion: 83 Resp: 163946

Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.3	15.9
85	64.3	31.9	95.7

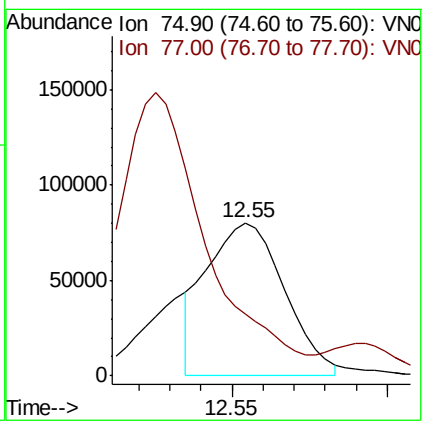


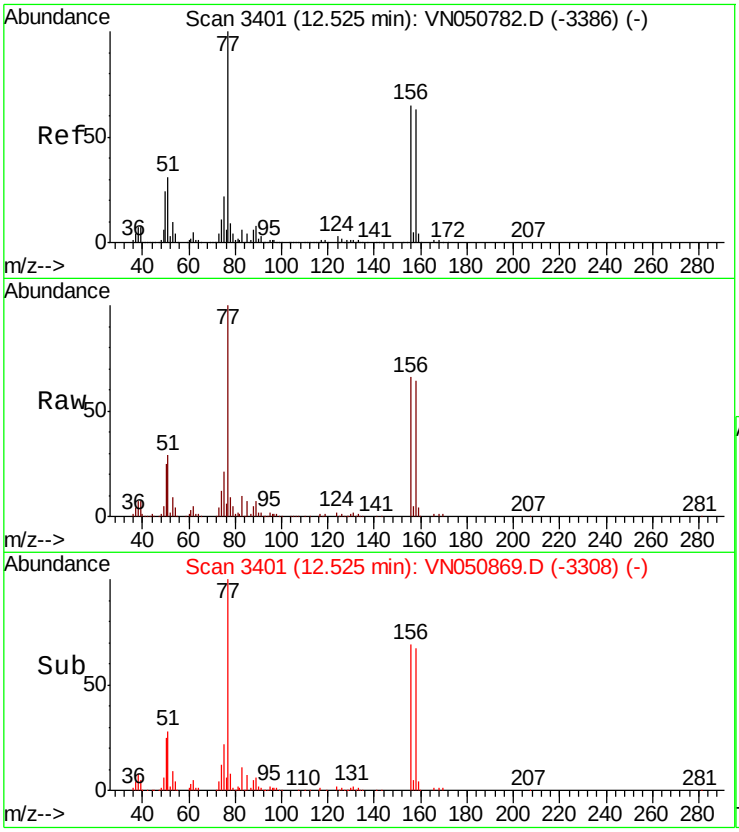


#76
1,2,3-Trichloropropane
Concen: 21.045 ug/l m
RT: 12.55 min Scan# 3410
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 75 Resp: 140188

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77
Bromobenzene
Concen: 19.662 ug/l
RT: 12.53 min Scan# 3401
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion:156 Resp: 168278

Ion	Ratio	Lower	Upper
156	100		
77	176.6	89.9	269.7
158	96.6	49.3	147.9

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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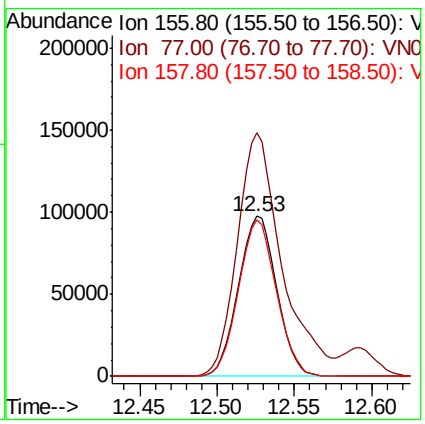
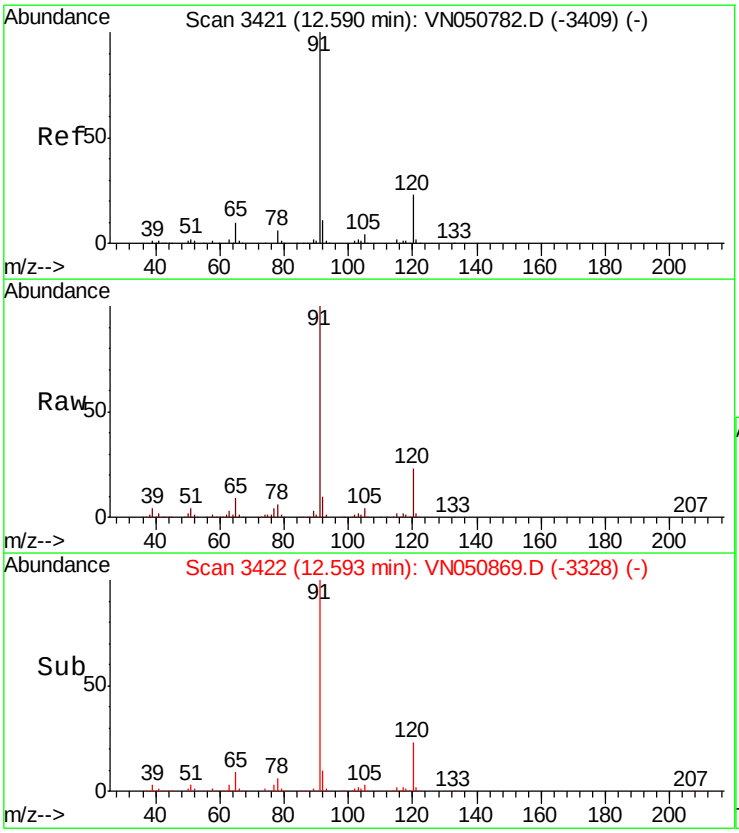
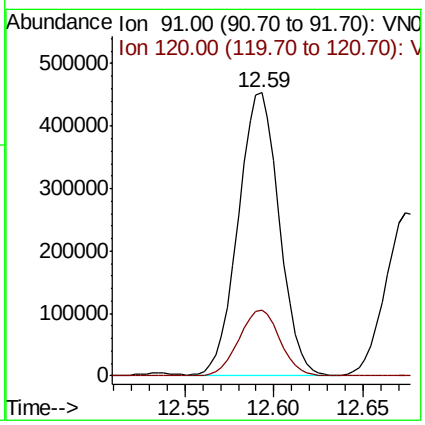


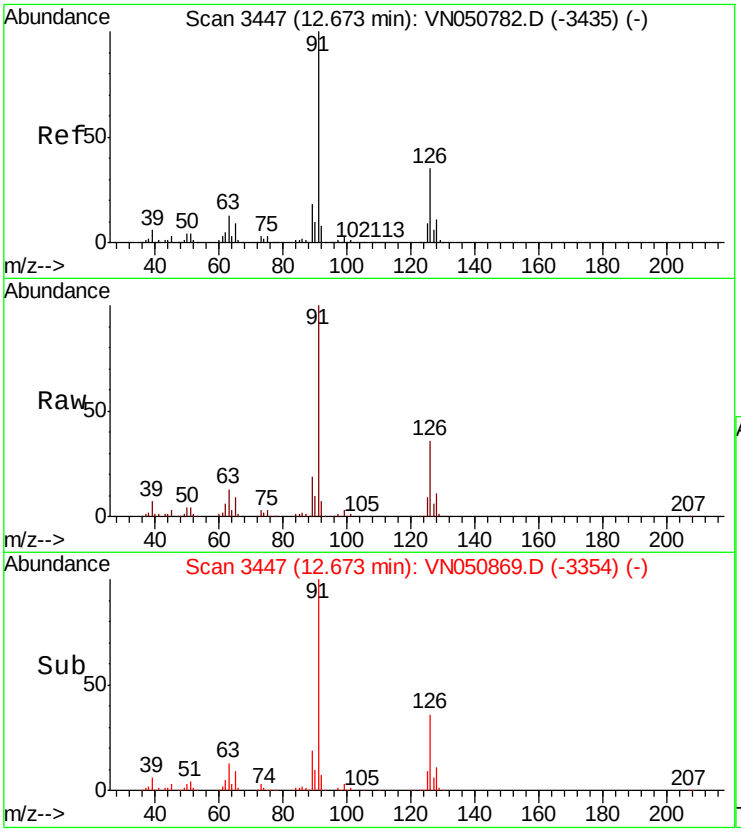


#78
n-propylbenzene
Concen: 20.541 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 91 Resp: 722610

Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.7	35.0





#79
2-Chlorotoluene
Concen: 20.227 ug/l
RT: 12.67 min Scan# 3447
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 91 Resp: 443233

Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.8	53.3

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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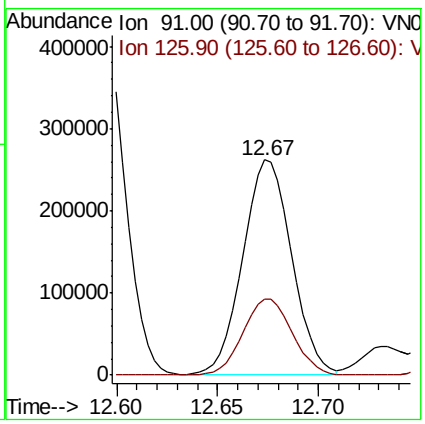
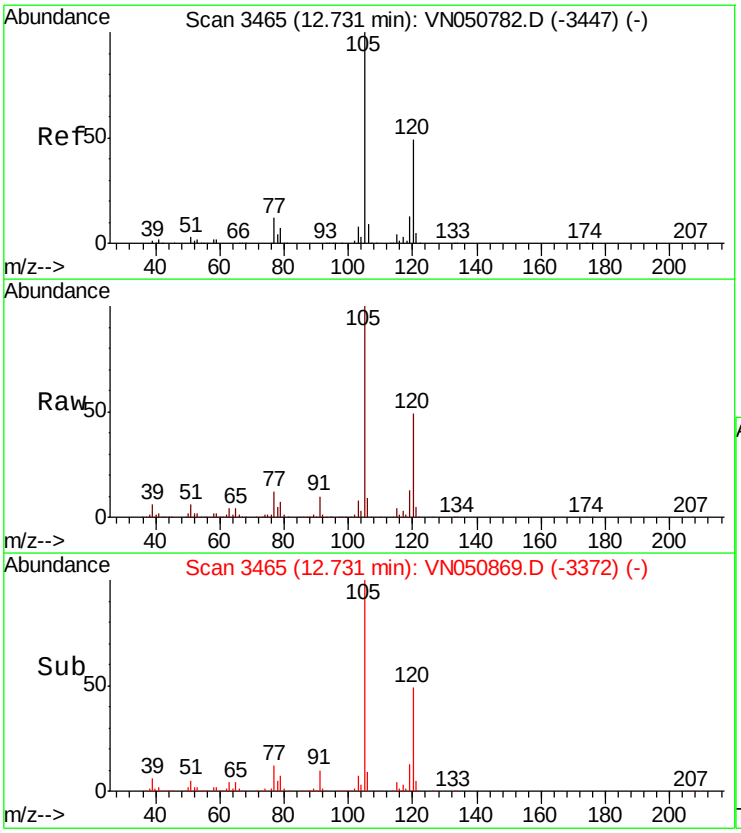
8/25/2018 1:18:38 PM

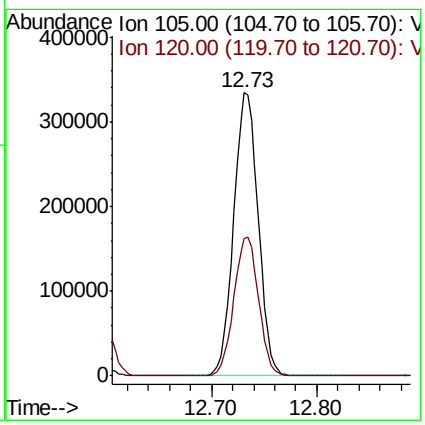


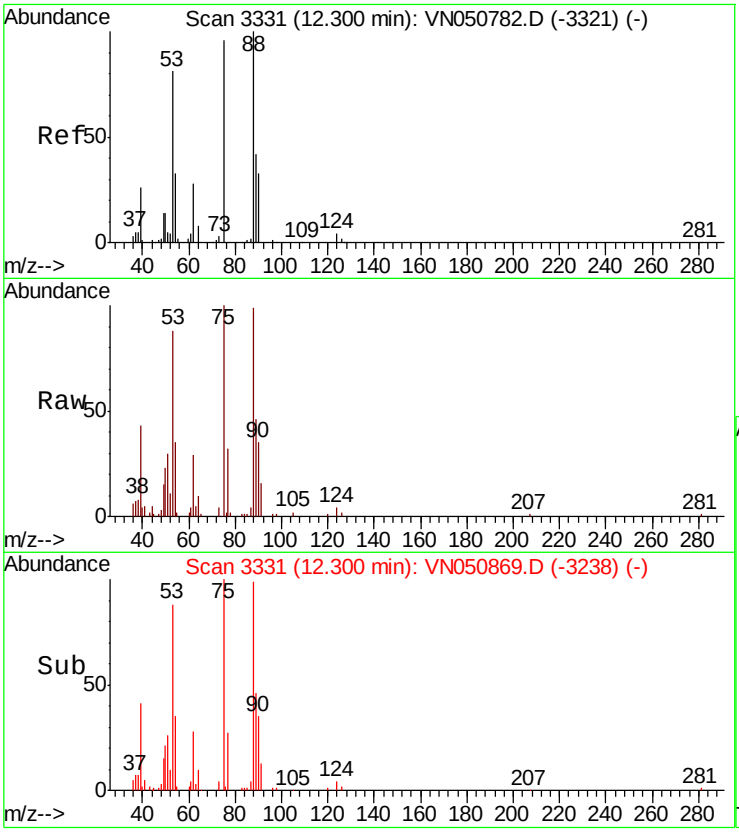


#80
1,3,5-Trimethylbenzene
Concen: 21.068 ug/l
RT: 12.73 min Scan# 3465
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion:105 Resp: 535348

Ion	Ratio	Lower	Upper
105	100		
120	49.3	24.6	74.0





#81
trans-1,4-Dichloro-2-butene
Concen: 19.497 ug/l
RT: 12.30 min Scan# 3331
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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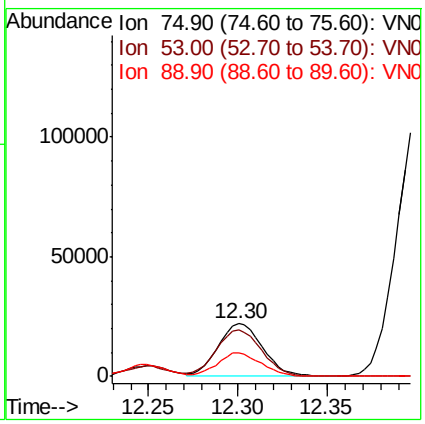
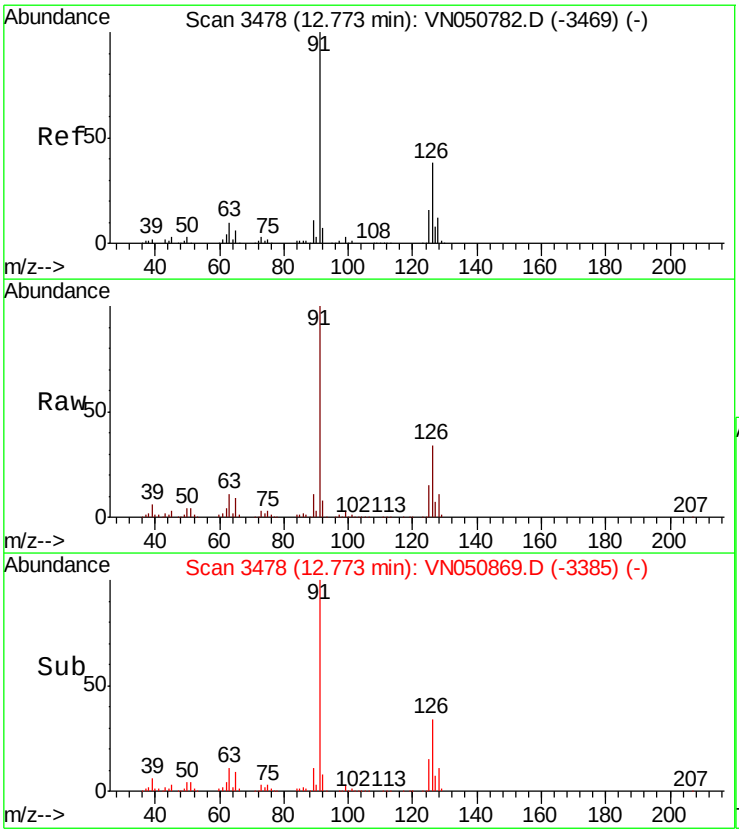
Tgt Ion: 75 Resp: 38418

Ion	Ratio	Lower	Upper
75	100		
53	89.5	68.9	103.3
89	43.7	36.1	54.1

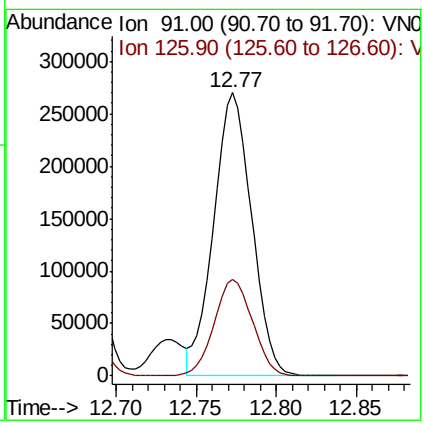


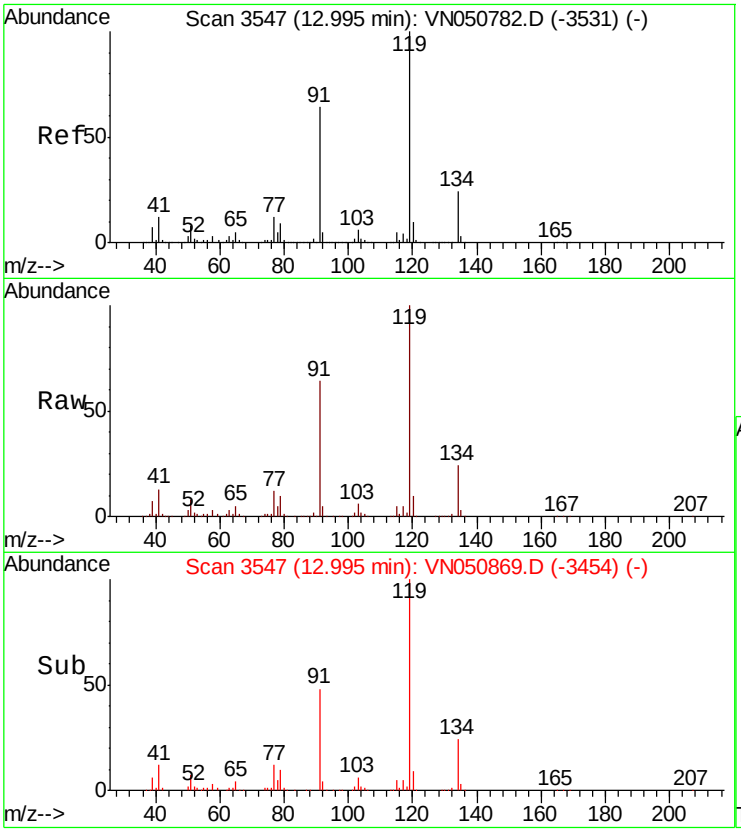


#82
4-Chlorotoluene
Concen: 20.334 ug/l
RT: 12.77 min Scan# 3478
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 91 Resp: 439880

Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.5	52.5





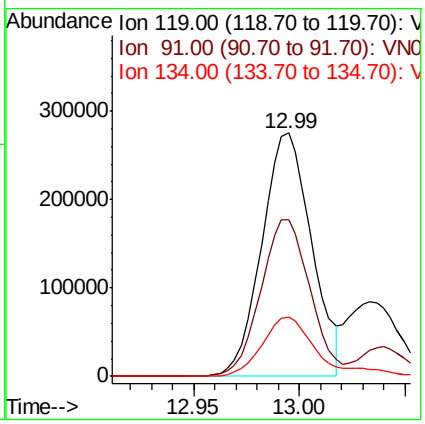
#83
tert-Butylbenzene
Concen: 20.567 ug/l
RT: 12.99 min Scan# 3547
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

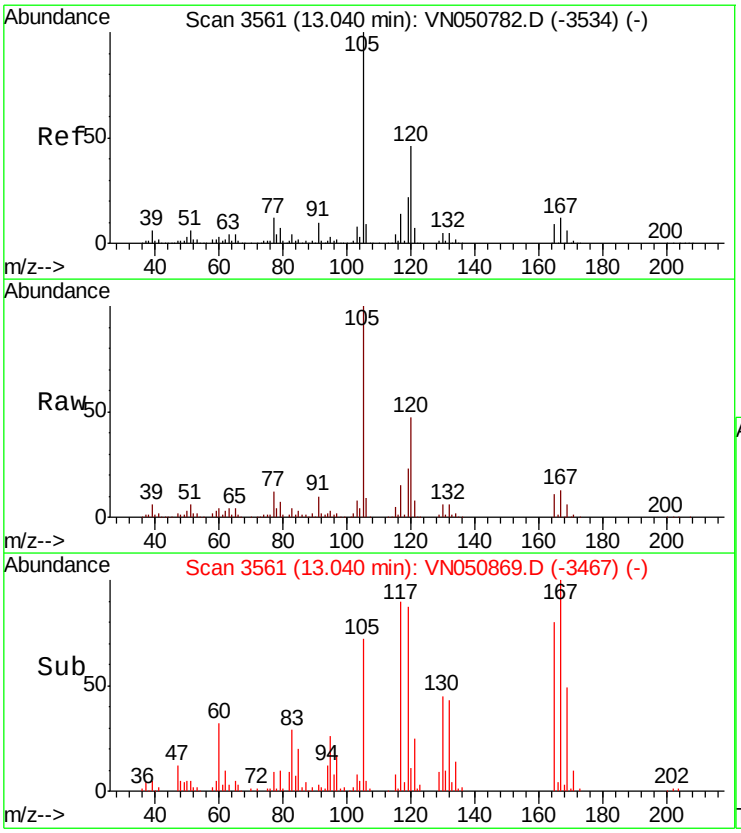
Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
MMDadoda
8/25/2018 1:18:38 PM

Tgt Ion:119 Resp: 452593

Ion	Ratio	Lower	Upper
119	100		
91	63.8	31.6	94.7
134	27.0	13.4	40.1

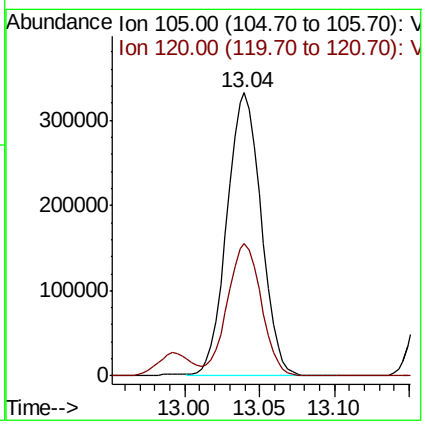


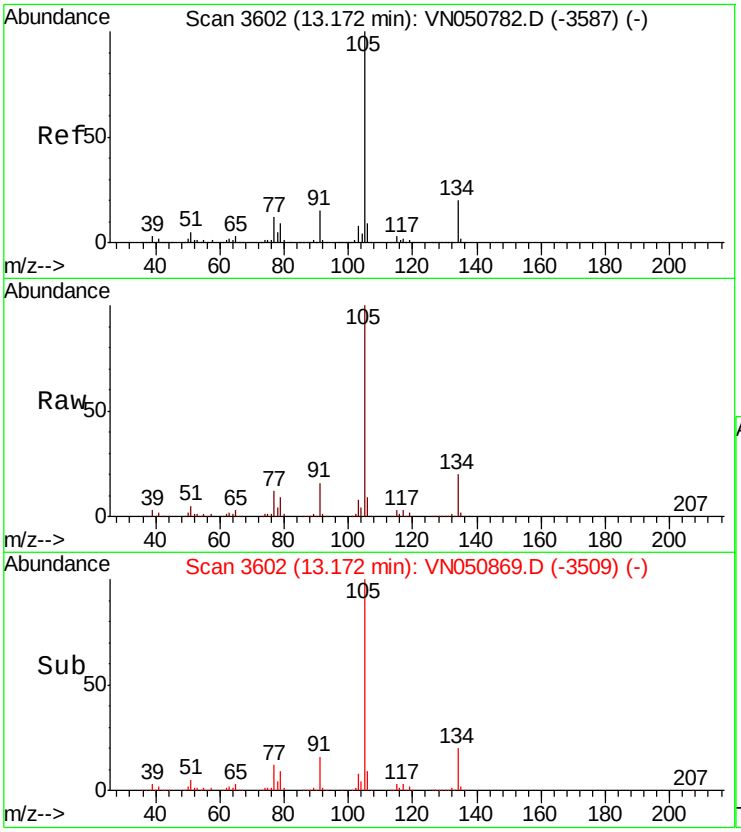


#84
1,2,4-Trimethylbenzene
Concen: 20.709 ug/l
RT: 13.04 min Scan# 3561
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion:105 Resp: 529326

Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.9	68.8





#85
sec-Butylbenzene
Concen: 20.722 ug/l
RT: 13.17 min Scan# 3602
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion:105 Resp: 597548

Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.3	30.8

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
MMDadoda
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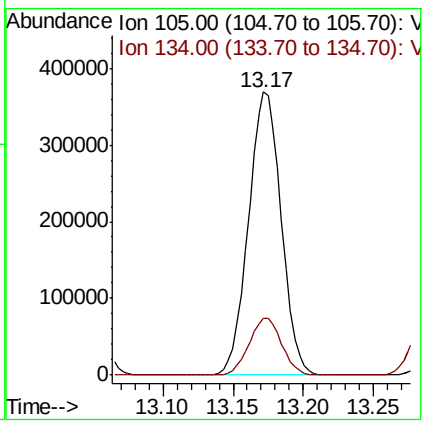
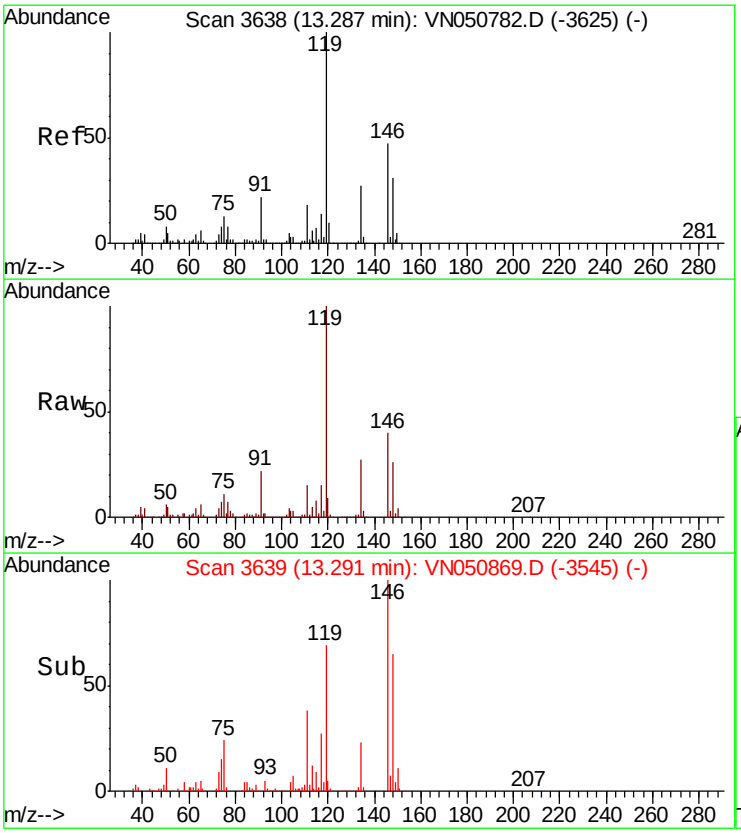
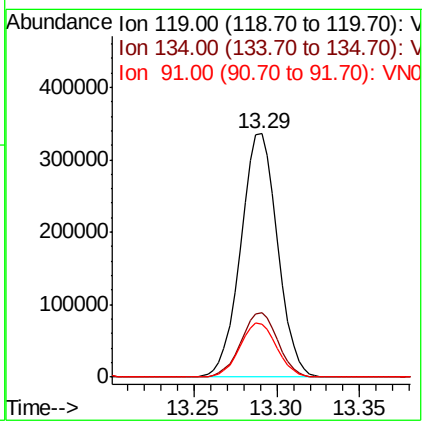


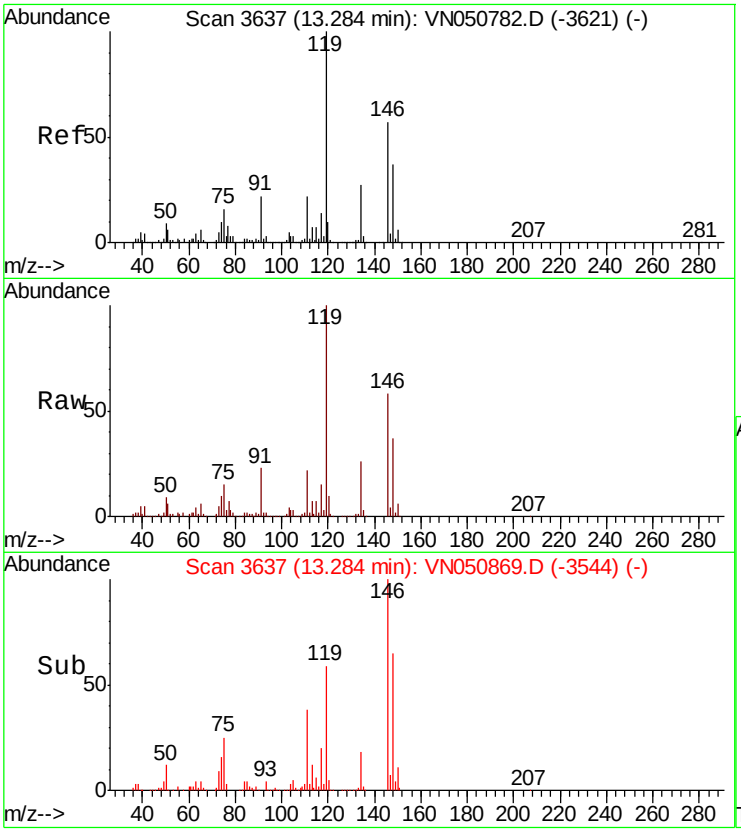


#86
p-Isopropyltoluene
Concen: 21.071 ug/l
RT: 13.29 min Scan# 3639
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion:119 Resp: 517722

Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.7	41.0
91	22.1	11.2	33.5





#87
1,3-Dichlorobenzene
Concen: 19.471 ug/l
RT: 13.28 min Scan# 3637
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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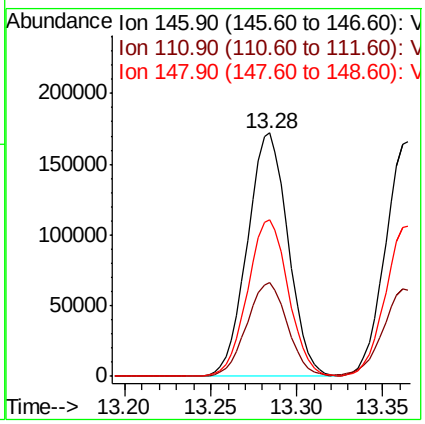
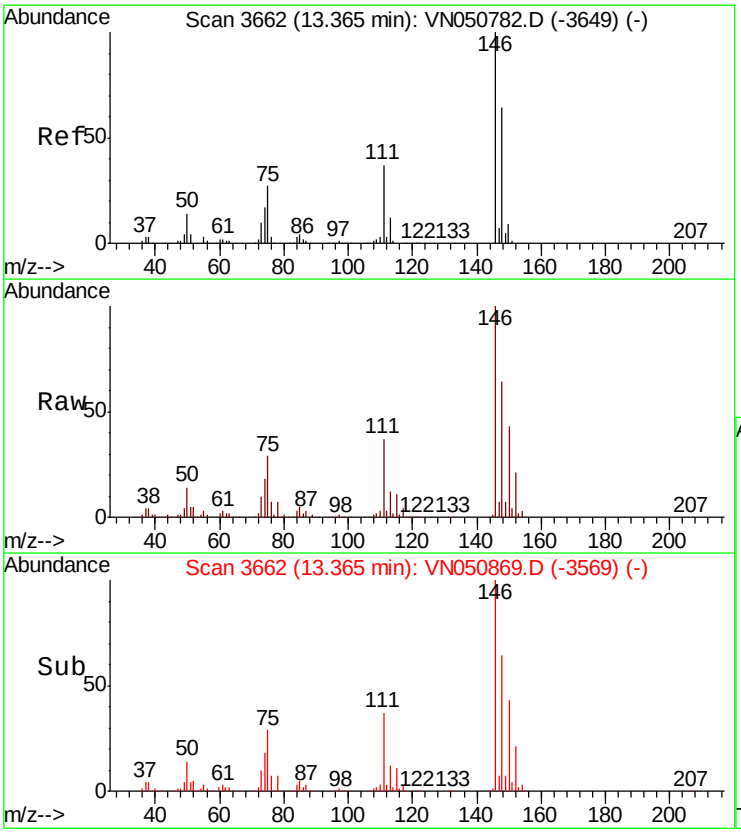
Tgt Ion:146 Resp: 282800

Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.3
148	64.3	32.2	96.6

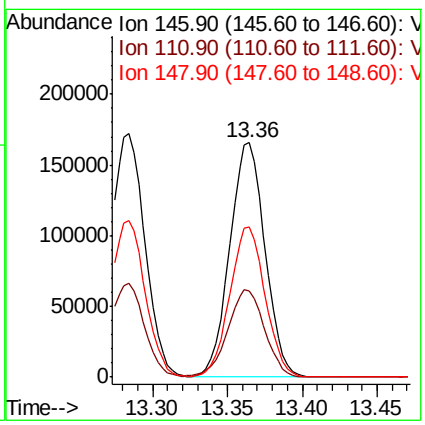


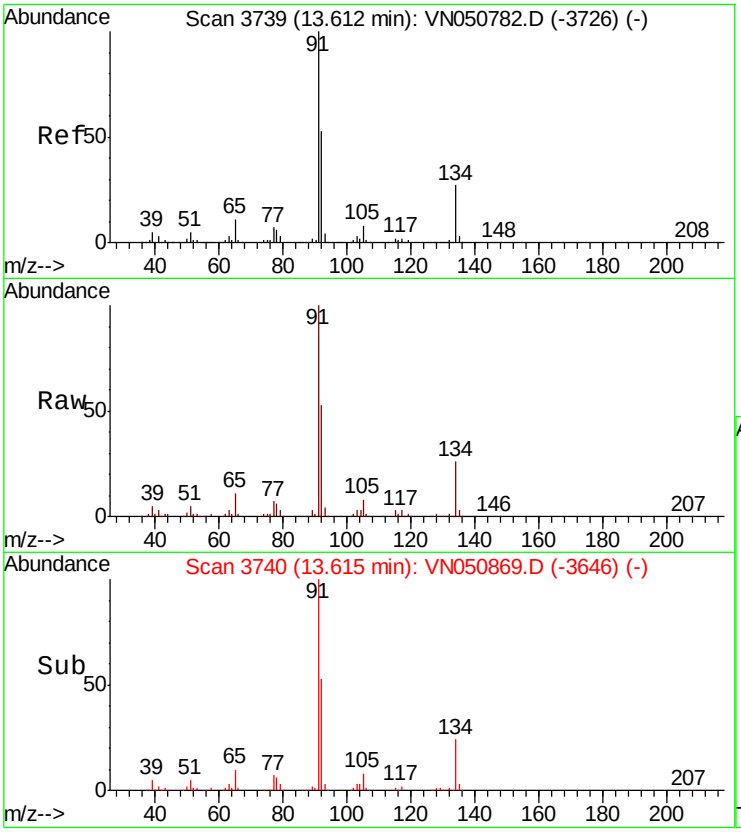


#88
1,4-Dichlorobenzene
Concen: 19.029 ug/l
RT: 13.36 min Scan# 3662
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion:146 Resp: 271997

Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.8	56.3
148	64.1	32.2	96.6





#89
n-Butylbenzene
Concen: 18.967 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 91 Resp: 372740

Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.1	78.2
134	25.9	13.2	39.6

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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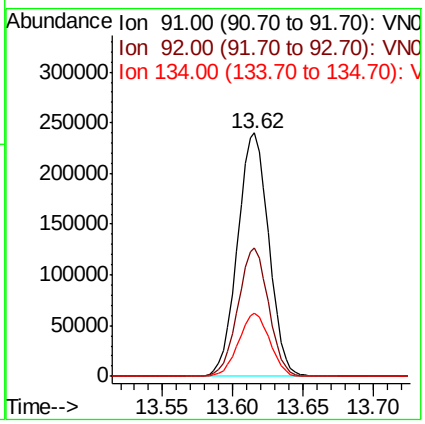
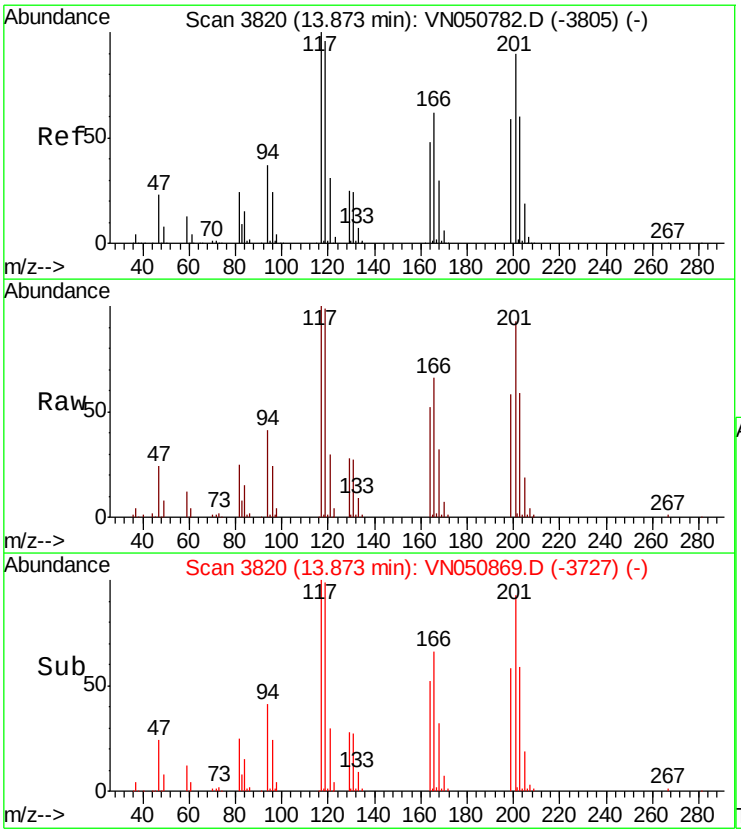
8/25/2018 1:18:38 PM

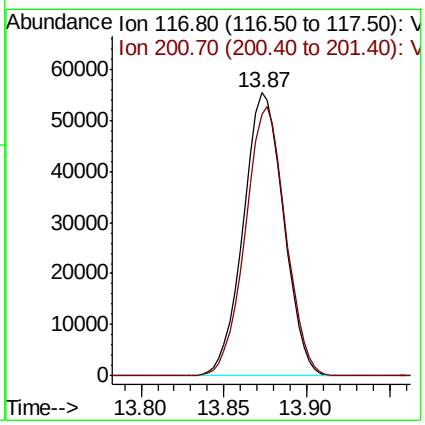


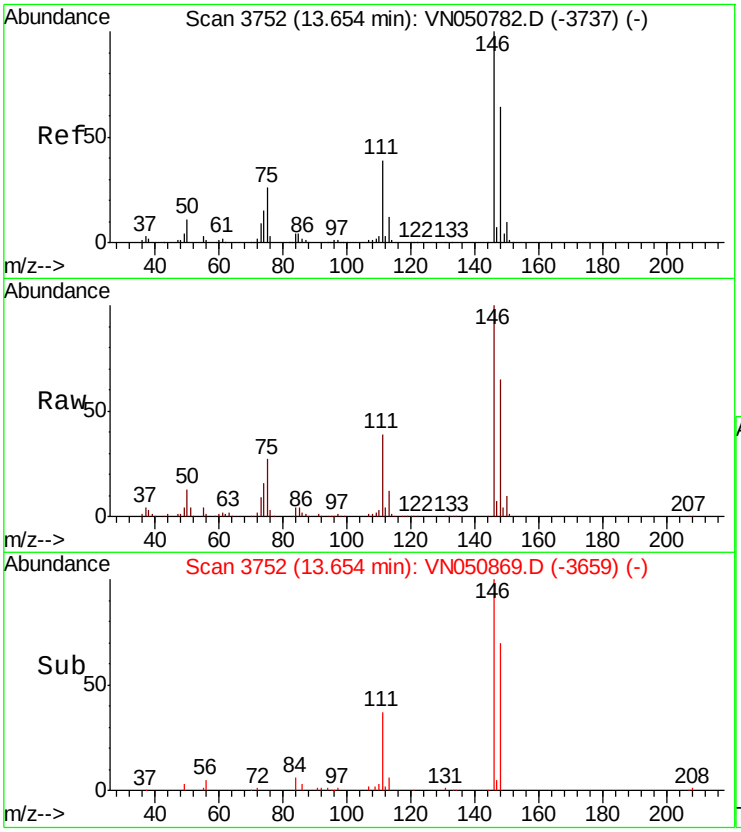


#90
Hexachloroethane
Concen: 20.147 ug/l
RT: 13.87 min Scan# 3820
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion:117 Resp: 93828

Ion	Ratio	Lower	Upper
117	100		
201	94.7	46.0	137.8





#91
1,2-Dichlorobenzene
Concen: 19.990 ug/l
RT: 13.65 min Scan# 3752
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
MMDadoda
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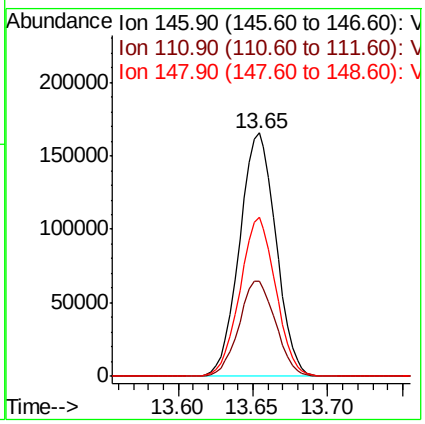
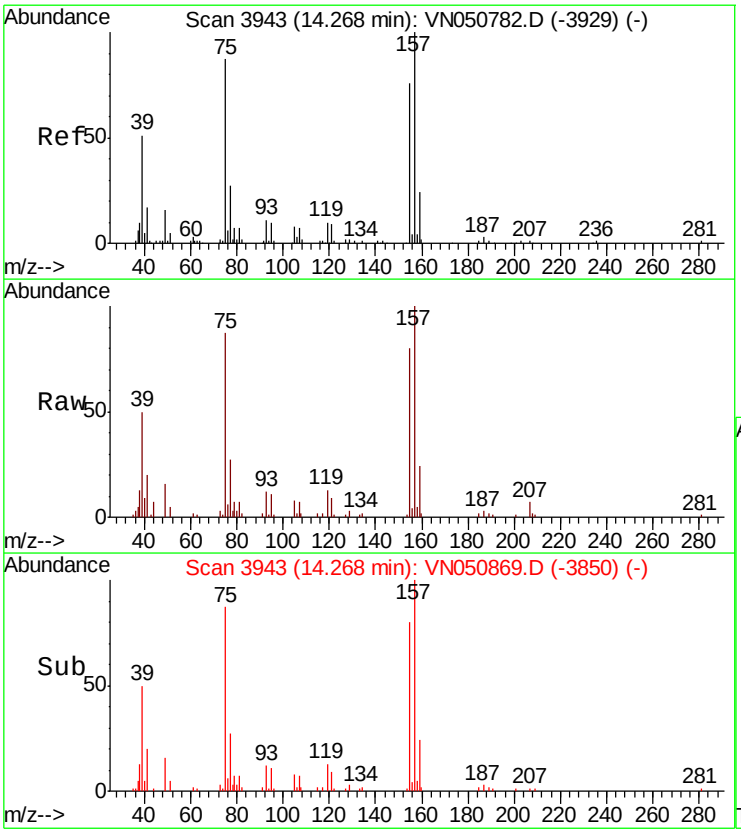
Tgt Ion:146 Resp: 280101

Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.8	59.3
148	64.3	32.3	96.8

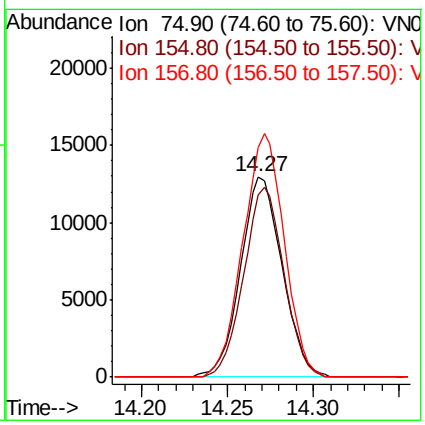


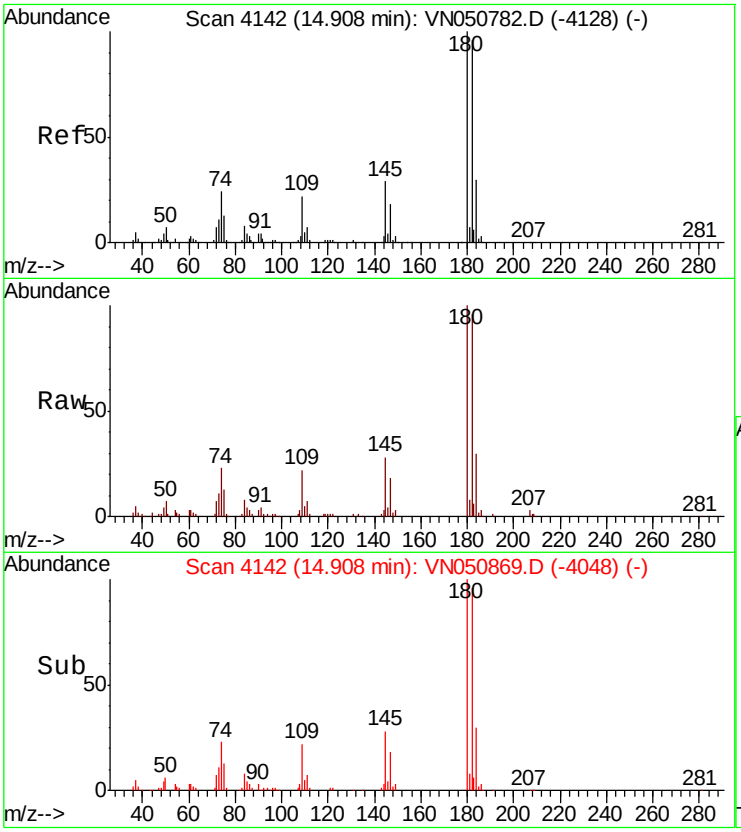


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.255 ug/l
RT: 14.27 min Scan# 3943
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion: 75 Resp: 21777

Ion	Ratio	Lower	Upper
75	100		
155	91.2	46.4	139.1
157	120.4	60.7	182.0





#93
1,2,4-Trichlorobenzene
Concen: 17.095 ug/l
RT: 14.91 min Scan# 4142
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
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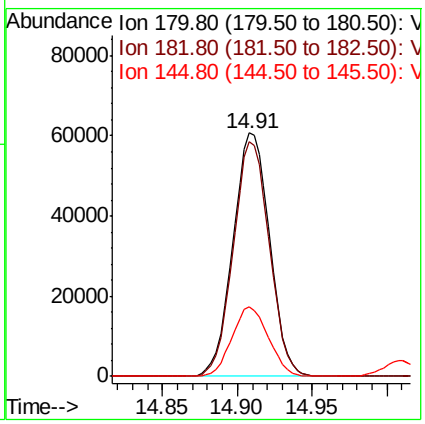
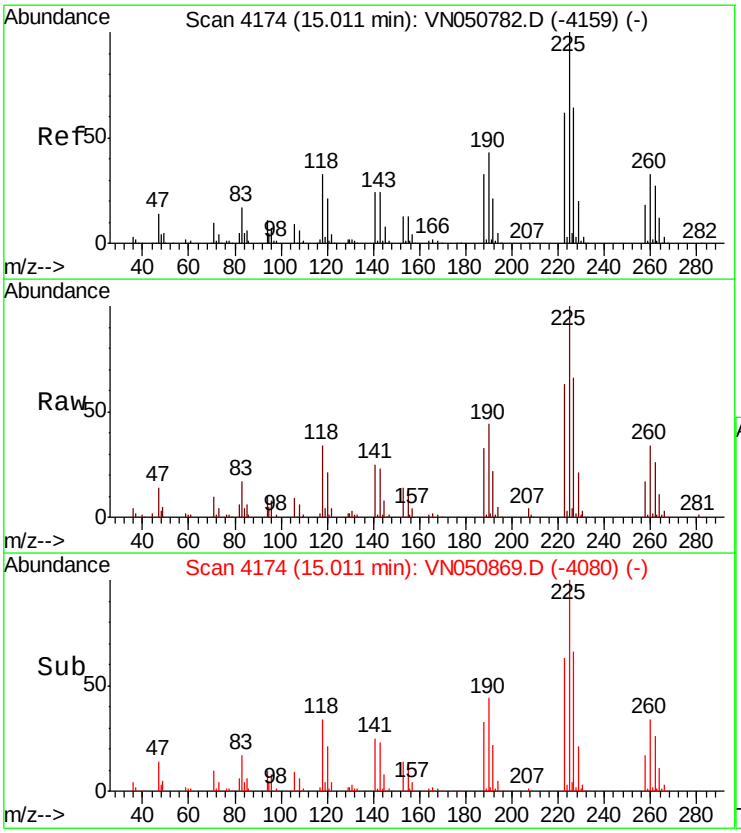
Tgt Ion:180 Resp: 103289

Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.2	144.6
145	28.4	14.1	42.2

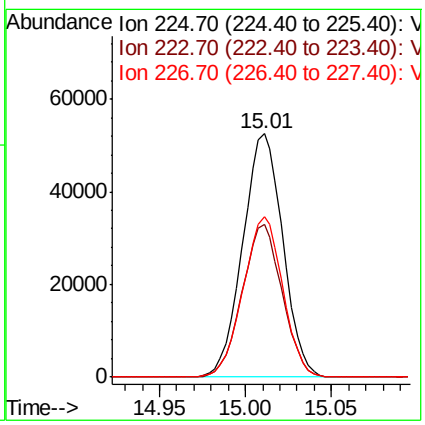


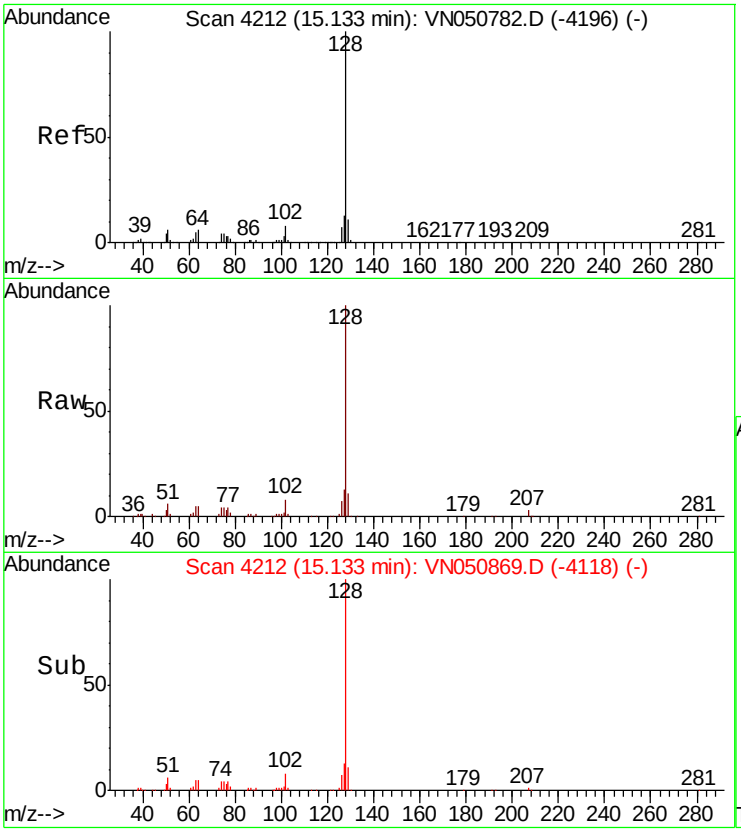


#94
Hexachlorobutadiene
Concen: 19.780 ug/l
RT: 15.01 min Scan# 4174
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion:225 Resp: 84970

Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.3	93.8
227	64.8	32.0	96.2





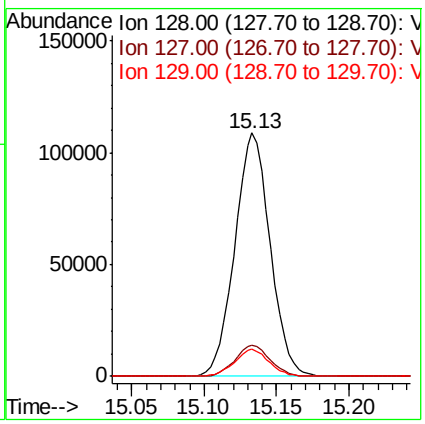
#95
Naphthalene
Concen: 16.197 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

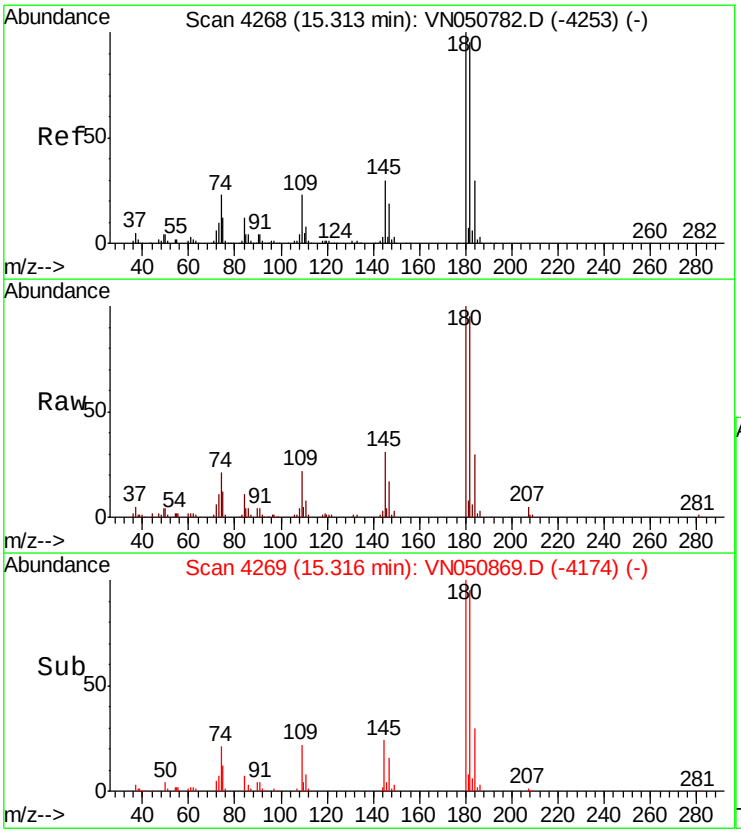
Tgt Ion:128 Resp: 183933

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.7	8.7	13.1

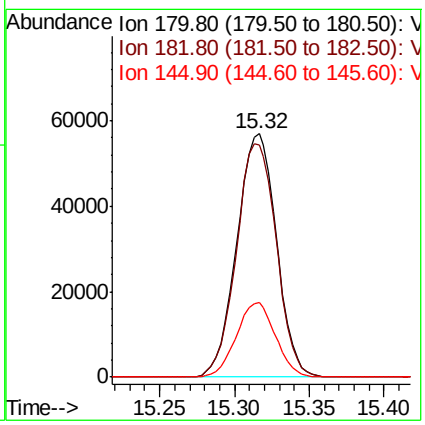
Instrument :
MSVOA_N
ClientSampleId :
VN0824MBS01

Manual Integrations APPROVED
MMDadoda
8/25/2018 1:18:38 PM





#96
1,2,3-Trichlorobenzene
Concen: 17.650 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. 0.00 min
Lab File: VN050869.D
Acq: 24 Aug 2018 12:00

Tgt Ion:180 Resp: 105001

Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.0	144.2
145	30.1	15.2	45.6