

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049887.D
 Acq On : 18 Jul 2018 21:57
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 7/19/2018 4:30:00 PM

Quant Time: Jul 19 06:34:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 13:09:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	607569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	890206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	816998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	452827	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	412956	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
35) Dibromofluoromethane	7.59	113	364024	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
50) Toluene-d8	10.09	98	1349309	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.40	95	460458	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	264307	47.60	ug/l	97
3) Chloromethane	2.06	50	351030	42.33	ug/l	100
4) Vinyl Chloride	2.18	62	387006	43.75	ug/l	99
5) Bromomethane	2.55	94	234227	47.26	ug/l	100
6) Chloroethane	2.70	64	250178	43.31	ug/l	99
7) Trichlorofluoromethane	3.01	101	536574	44.13	ug/l	96
8) Diethyl Ether	3.41	74	199342	46.99	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	327520	43.68	ug/l	99
10) Methyl Iodide	3.94	142	467742	46.50	ug/l	97
11) Tert butyl alcohol	4.81	59	150628	253.19	ug/l	100
12) 1,1-Dichloroethene	3.73	96	288700	43.83	ug/l	98
13) Acrolein	3.61	56	85791	223.79	ug/l	95
14) Allyl chloride	4.32	41	475243	45.77	ug/l	99
15) Acrylonitrile	4.99	53	674480	257.79	ug/l	99
16) Acetone	3.82	43	534102	247.03	ug/l	97
17) Carbon Disulfide	4.04	76	832656	42.25	ug/l	99
18) Methyl Acetate	4.33	43	371792	54.80	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	914652	50.47	ug/l	99
20) Methylene Chloride	4.54	84	377763	45.94	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	322835	46.16	ug/l	99
22) Diisopropyl ether	5.96	45	1072425	50.61	ug/l	97
23) Vinyl Acetate	5.90	43	3815775	256.66	ug/l	100
24) 1,1-Dichloroethane	5.85	63	622967	45.80	ug/l	99
25) 2-Butanone	6.84	43	823795	266.60	ug/l	99
26) 2,2-Dichloropropane	6.82	77	464800	43.91	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	367085	47.83	ug/l	98
28) Bromochloromethane	7.19	49	306644	49.91	ug/l	97
29) Tetrahydrofuran	7.22	42	529325	271.93	ug/l	99
30) Chloroform	7.37	83	649028	46.48	ug/l	99
31) Cyclohexane	7.65	56	509558	46.03	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	551933	45.73	ug/l	99
36) 1,1-Dichloropropene	7.79	75	469334	47.42	ug/l	99
37) Ethyl Acetate	6.94	43	350585	51.58	ug/l	99
38) Carbon Tetrachloride	7.77	117	491838	46.39	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	485107	47.44	ug/l	96
40) Benzene	8.04	78	1433692	47.52	ug/l	100
41) Methacrylonitrile	7.18	41	169502	49.75	ug/l #	90
42) 1,2-Dichloroethane	8.12	62	480956	48.13	ug/l	100
43) Isopropyl Acetate	8.17	43	651151	54.84	ug/l	100
44) Trichloroethene	8.83	130	369515	46.71	ug/l	97
45) 1,2-Dichloropropane	9.12	63	383576	47.13	ug/l	100
46) Dibromomethane	9.21	93	242631	48.07	ug/l	97
47) Bromodichloromethane	9.40	83	505561	48.43	ug/l	99
48) Methyl methacrylate	9.20	41	310240	52.08	ug/l	99
49) 1,4-Dioxane	9.20	88	92134	1090.35	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1846242	278.13	ug/l	99
52) Toluene	10.16	92	893187	49.63	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	515953	49.99	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	568861	49.87	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	352221	47.38	ug/l	100
56) Ethyl methacrylate	10.43	69	469382	47.15	ug/l	98
57) 1,3-Dichloropropane	10.71	76	580541	49.59	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1184899	299.20	ug/l	99
59) 2-Hexanone	10.75	43	1288591	289.01	ug/l	99
60) Dibromochloromethane	10.90	129	400260	49.10	ug/l	99
61) 1,2-Dibromoethane	11.01	107	350839	50.51	ug/l	99
64) Tetrachloroethene	10.63	164	351405	47.86	ug/l	99
65) Chlorobenzene	11.44	112	978933	47.69	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	379615	47.74	ug/l	99
67) Ethyl Benzene	11.51	91	1689914	50.75	ug/l	100
68) m/p-Xylenes	11.62	106	1309623	103.89	ug/l	98
69) o-Xylene	11.95	106	618998	51.13	ug/l	98
70) Styrene	11.97	104	1059206	54.01	ug/l	100
71) Bromoform	12.13	173	294509	51.78	ug/l #	99
73) Isopropylbenzene	12.25	105	1672691	48.63	ug/l	100
74) N-amyl acetate	12.07	43	542931	51.86	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	480432	46.62	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	403032m	47.45	ug/l	
77) Bromobenzene	12.53	156	441898	46.52	ug/l	97
78) n-propylbenzene	12.59	91	1941264	49.64	ug/l	100
79) 2-Chlorotoluene	12.68	91	1150198	47.90	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1392154	50.50	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	137207	50.51	ug/l	100
82) 4-Chlorotoluene	12.77	91	1184825	49.19	ug/l	100
83) tert-Butylbenzene	12.99	119	1194178	49.32	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1431551	51.26	ug/l	100
85) sec-Butylbenzene	13.17	105	1601621	50.06	ug/l	100
86) p-Isopropyltoluene	13.29	119	1403222	51.44	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	780731	47.18	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	761056	45.87	ug/l	99
89) n-Butylbenzene	13.62	91	1144380	50.81	ug/l	100
90) Hexachloroethane	13.88	117	265038	43.29	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	776875	47.75	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	79858	50.15	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	401324	45.10	ug/l	99
94) Hexachlorobutadiene	15.01	225	233815	43.85	ug/l	100
95) Naphthalene	15.14	128	949384	44.78	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	403572	51.70	ug/l	99

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

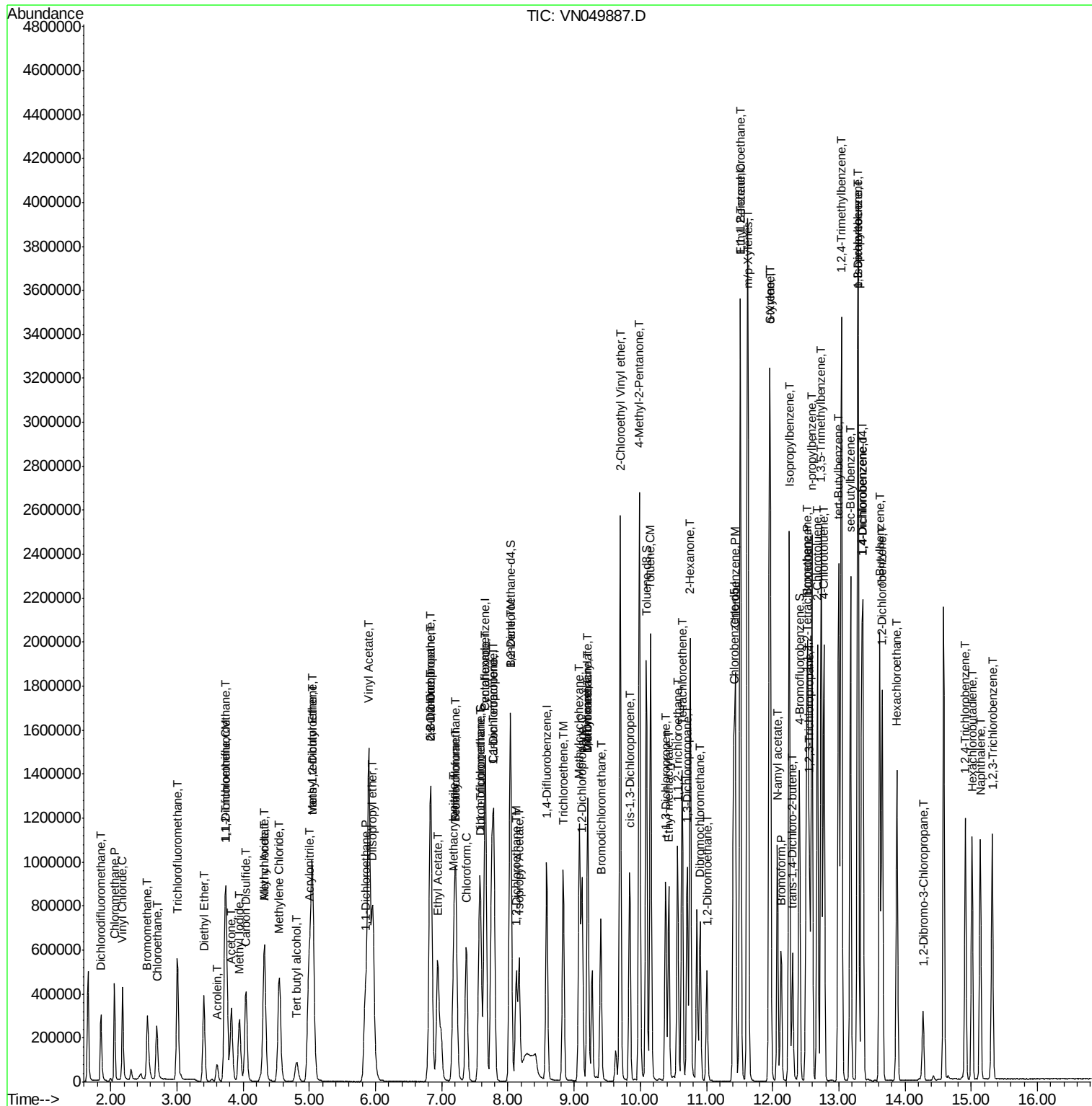
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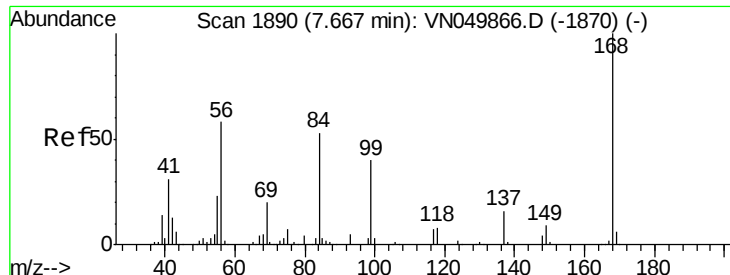
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 607569

Ion Ratio Lower Upper

168 100

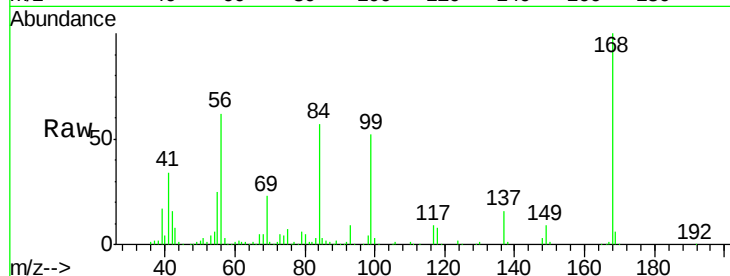
99 51.5 40.6 61.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

250000

200000

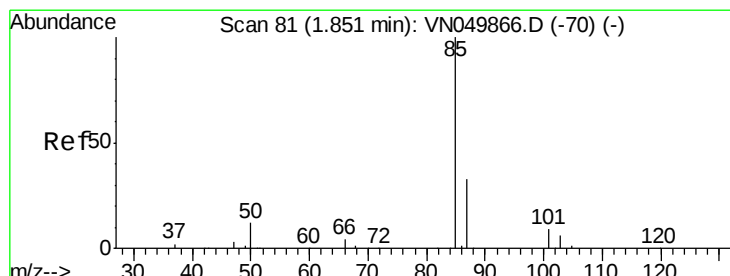
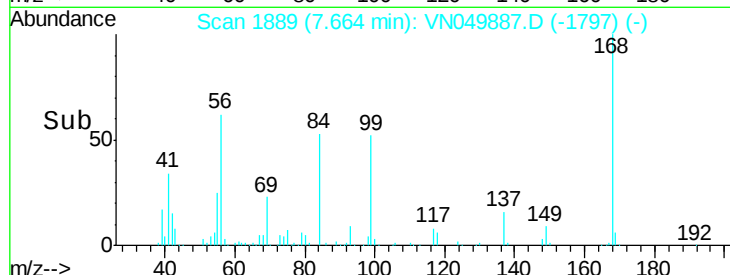
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.60 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN049887.D

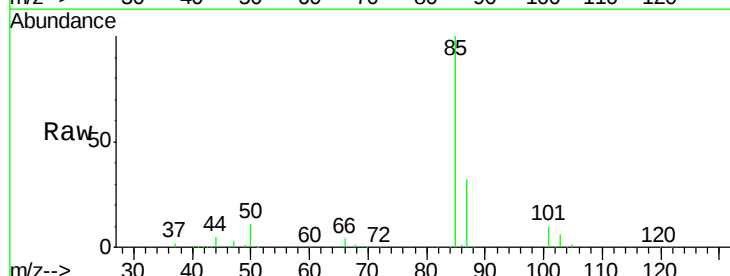
Acq: 18 Jul 2018 21:57

Tgt Ion: 85 Resp: 264307

Ion Ratio Lower Upper

85 100

87 32.5 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

200000

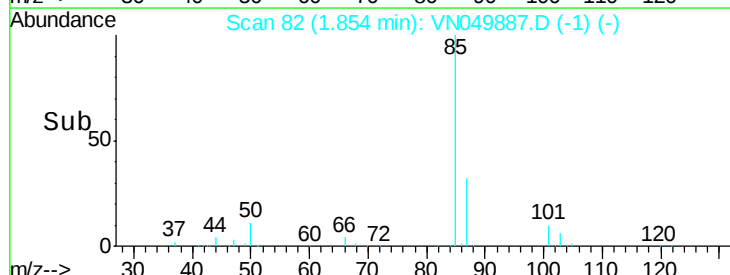
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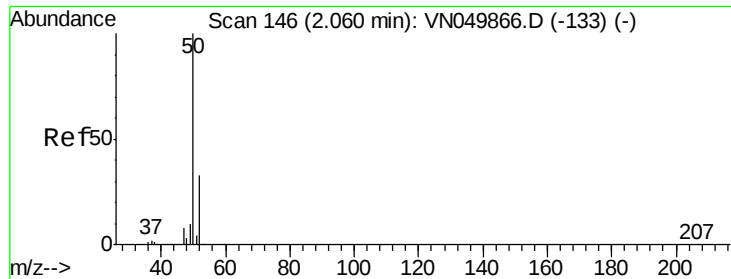
100000

50000

0

Time-->





#3

Chloromethane

Concen: 42.33 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 351030

Ion Ratio Lower Upper

50 100

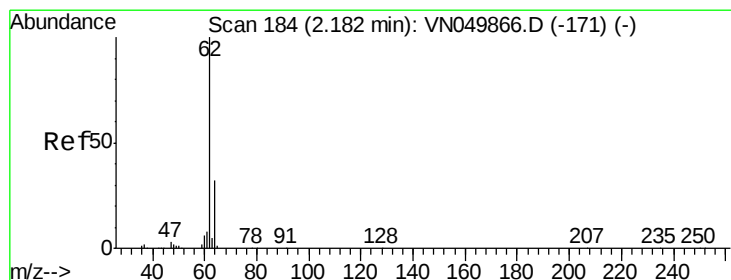
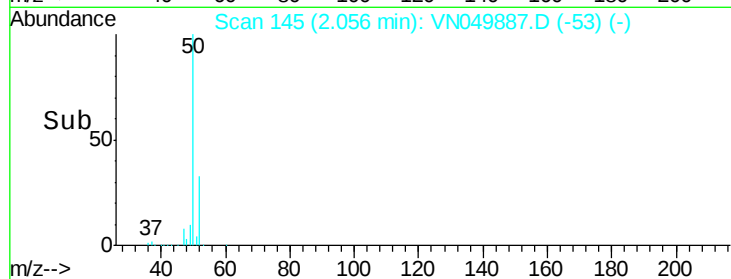
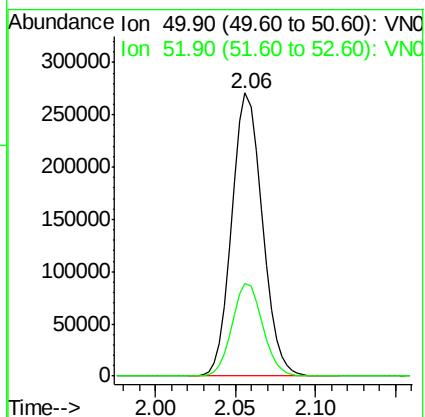
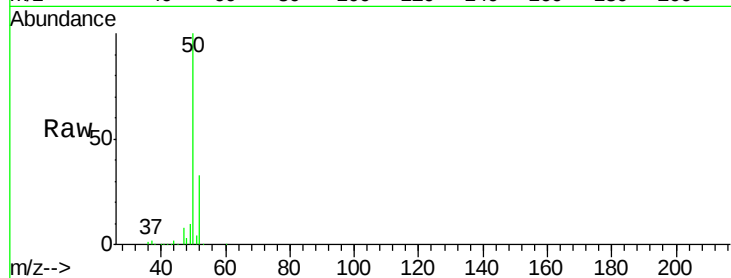
52 32.8 26.1 39.1

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#4

Vinyl Chloride

Concen: 43.75 ug/l

RT: 2.18 min Scan# 183

Delta R.T. -0.00 min

Lab File: VN049887.D

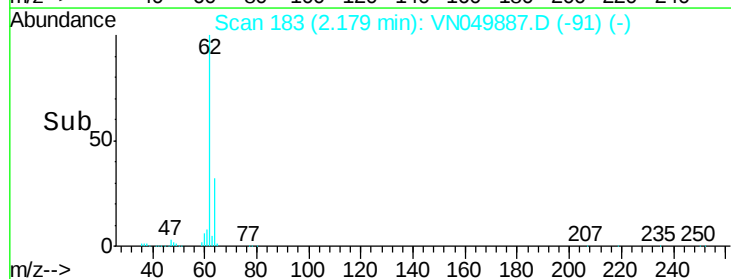
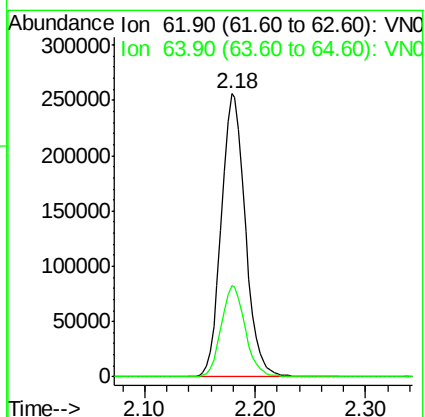
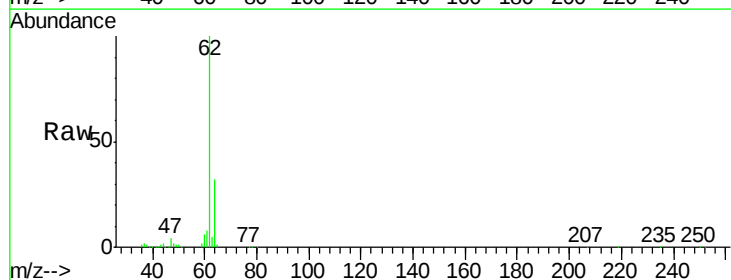
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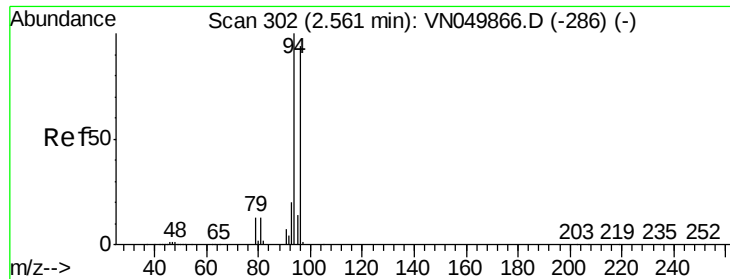
Tgt Ion: 62 Resp: 387006

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.0





#5

Bromomethane

Concen: 47.26 ug/l

RT: 2.55 min Scan# 300

Delta R.T. -0.01 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

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Tot Ion: 94 Resp: 234227

Ion Ratio Lower Upper

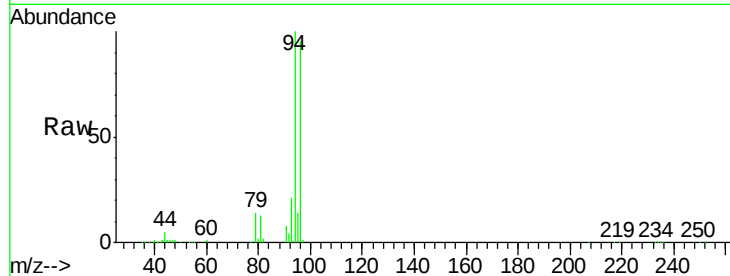
94 100

96 94.9 75.7 113.5

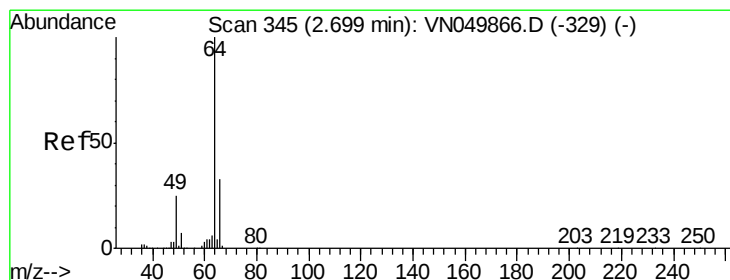
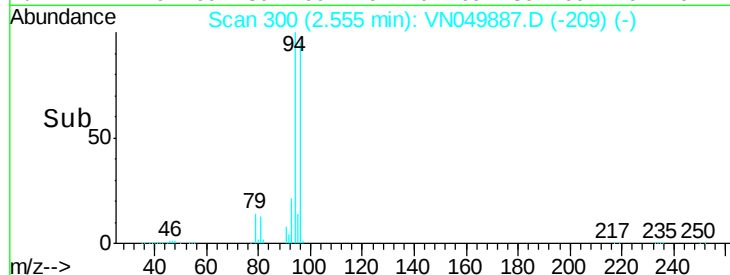
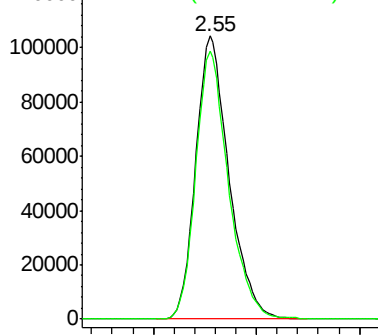
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Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 43.31 ug/l

RT: 2.70 min Scan# 344

Delta R.T. -0.00 min

Lab File: VN049887.D

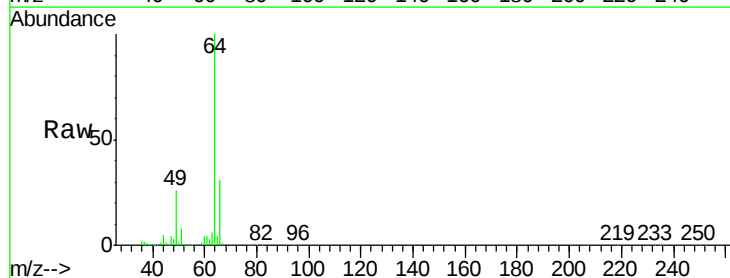
Acq: 18 Jul 2018 21:57

Tgt Ion: 64 Resp: 250178

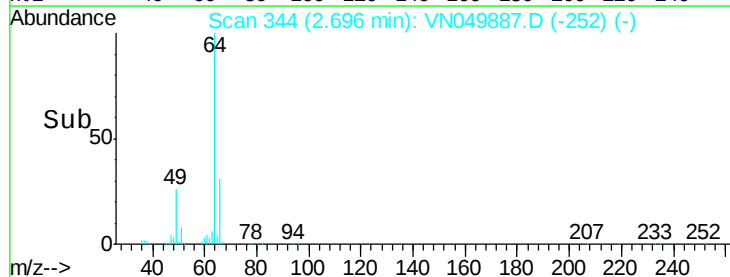
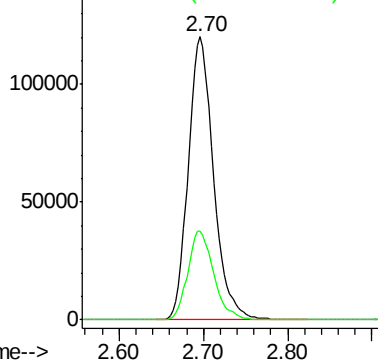
Ion Ratio Lower Upper

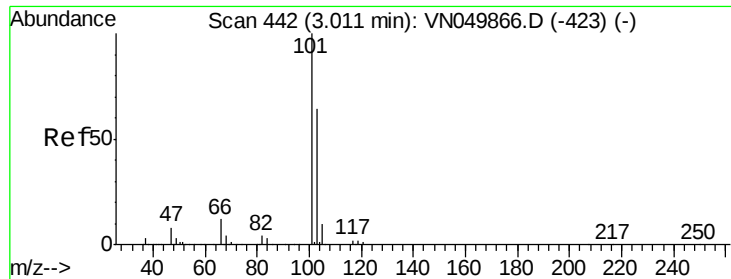
64 100

66 31.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO





#7

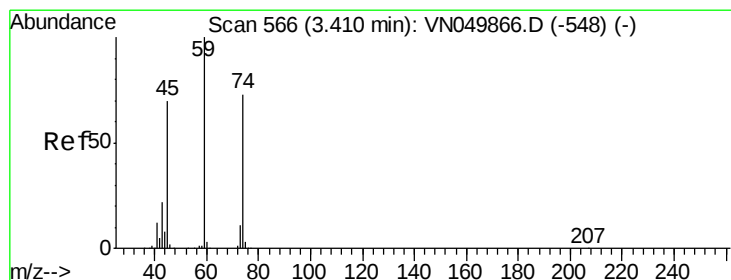
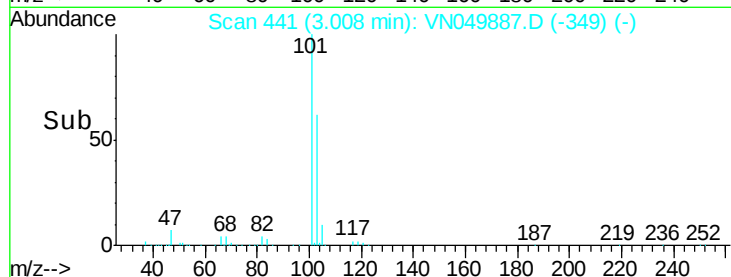
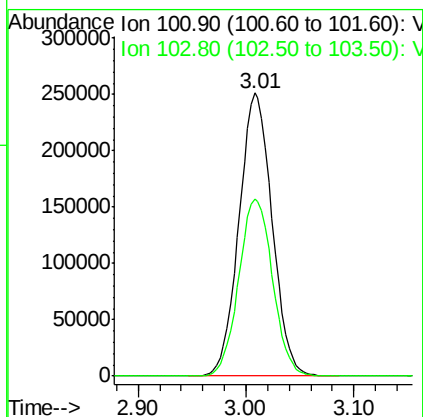
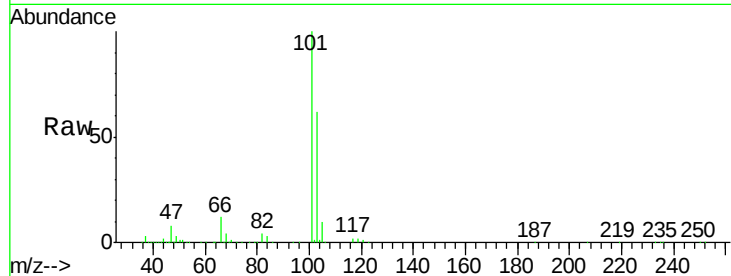
Trichlorofluoromethane
 Concen: 44.13 ug/l
 RT: 3.01 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: VN049887.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	52.8	79.2

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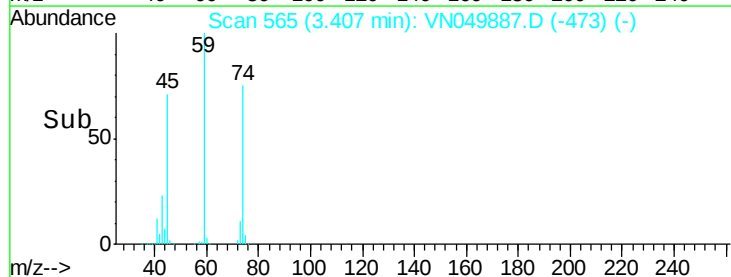
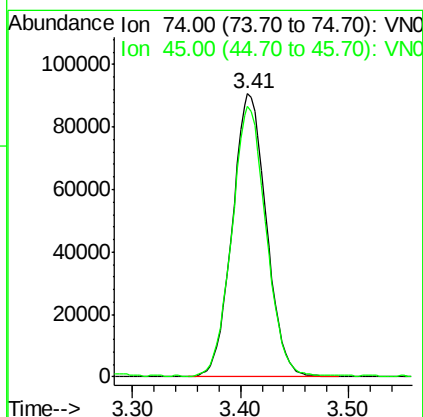
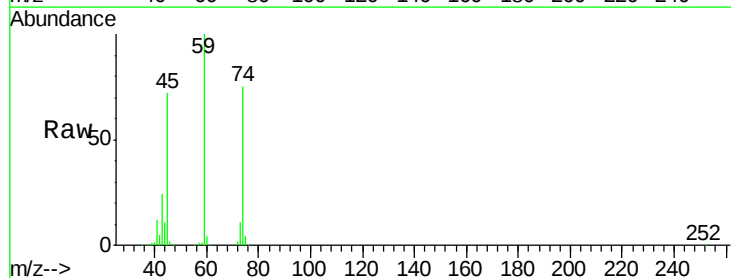
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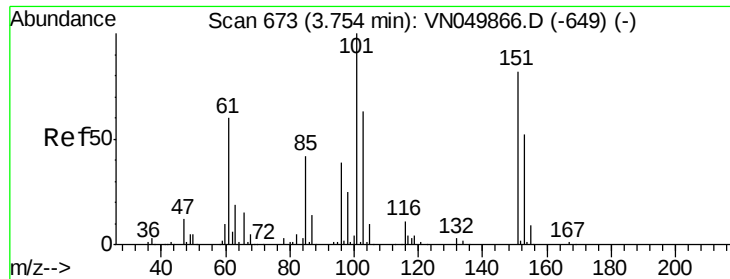


#8

Diethyl Ether
 Concen: 46.99 ug/l
 RT: 3.41 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VN049887.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.6	48.4	145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.68 ug/l

RT: 3.75 min Scan# 671

Delta R.T. -0.01 min

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Instrument :

MSVOA_N

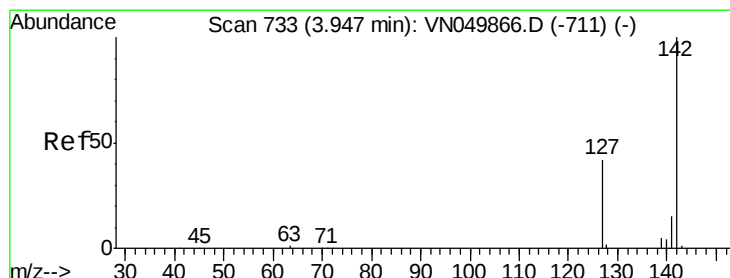
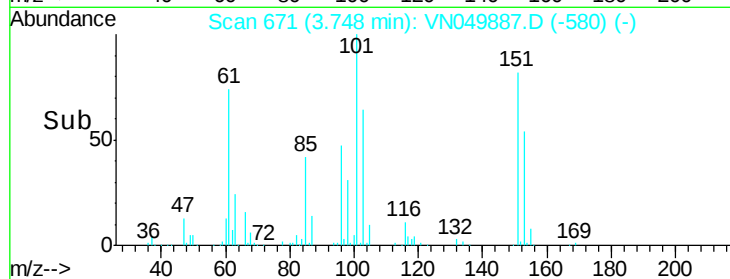
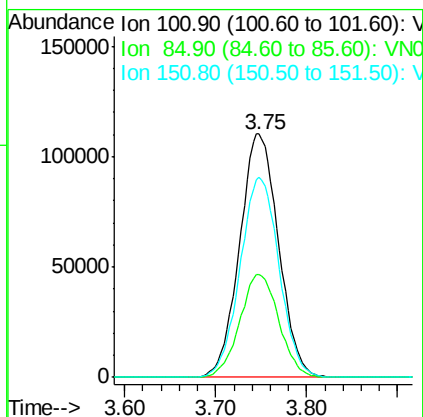
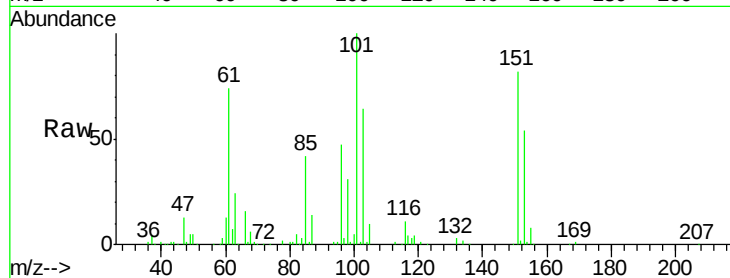
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	327520
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.4	51.6
151	82.4	66.2	99.4

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#10

Methyl Iodide

Concen: 46.50 ug/l

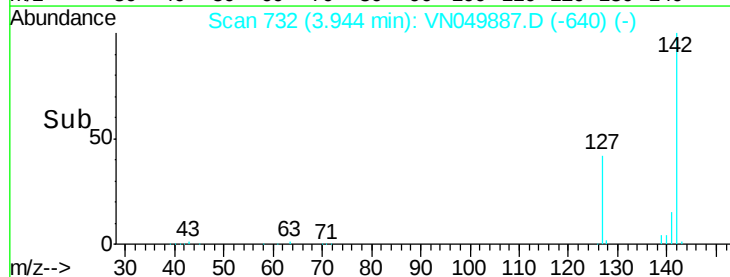
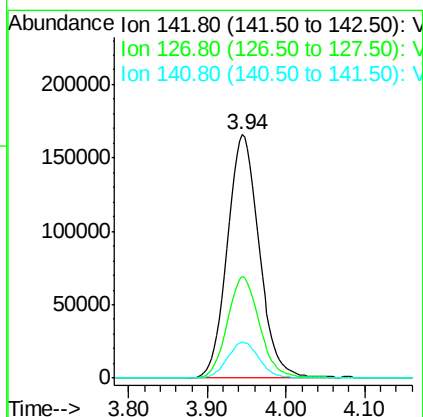
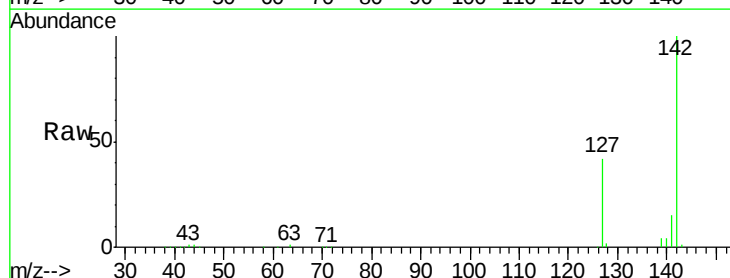
RT: 3.94 min Scan# 732

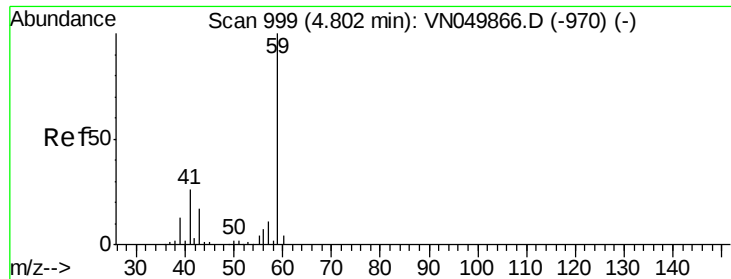
Delta R.T. -0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Tgt Ion:	142	Resp:	467742
Ion Ratio	Lower	Upper	
142	100		
127	42.4	32.5	48.7
141	14.8	11.1	16.7





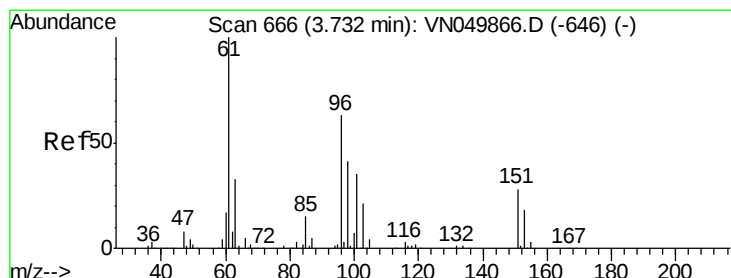
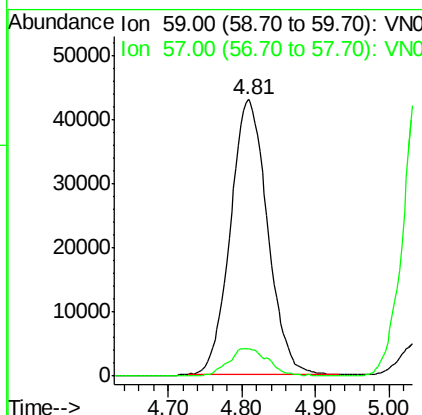
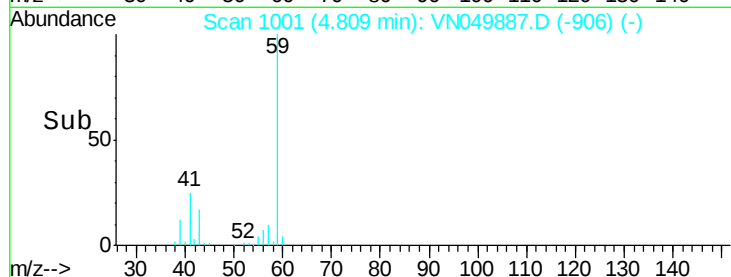
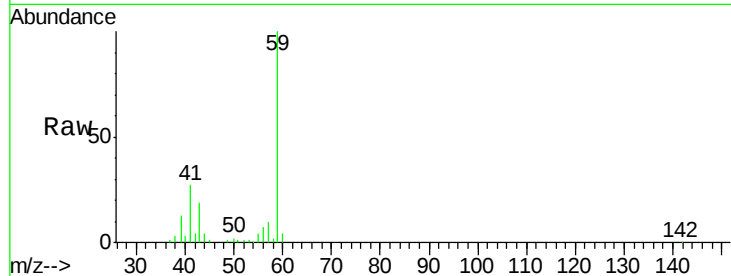
#11
Tert butyl alcohol
Concen: 253.19 ug/l
RT: 4.81 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.5	12.7

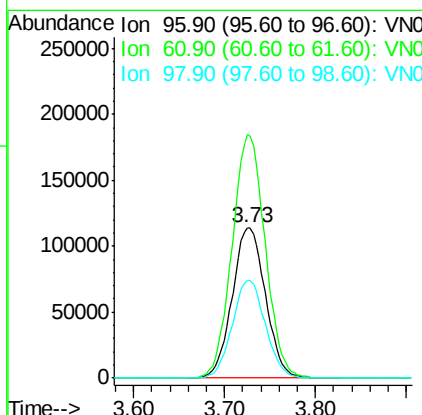
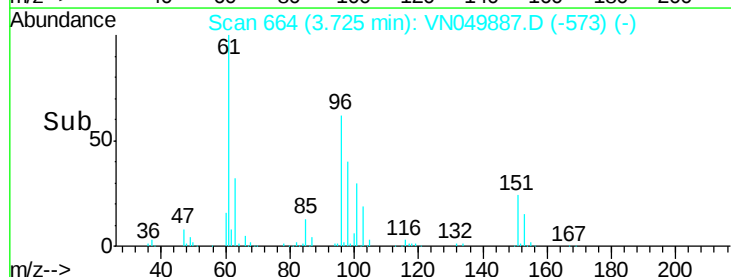
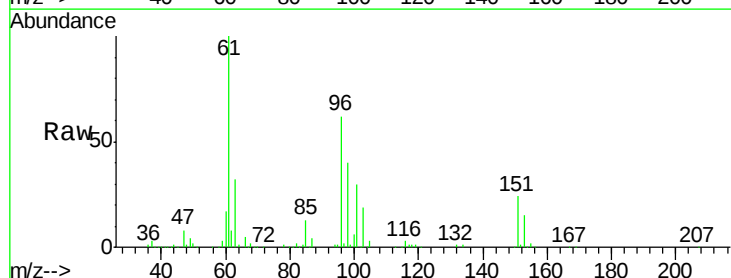
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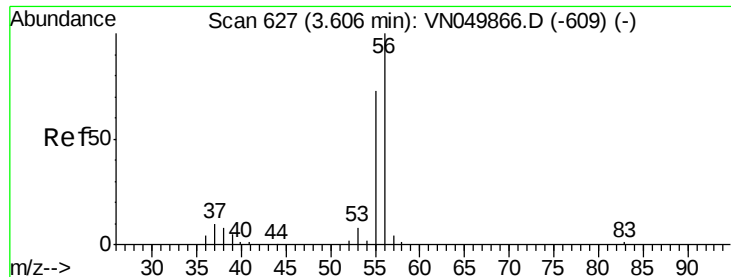
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#12
1,1-Dichloroethene
Concen: 43.83 ug/l
RT: 3.73 min Scan# 664
Delta R.T. -0.01 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.7	126.5	189.7
98	64.9	51.0	76.6





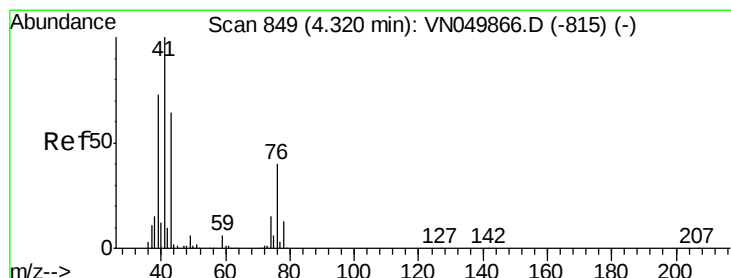
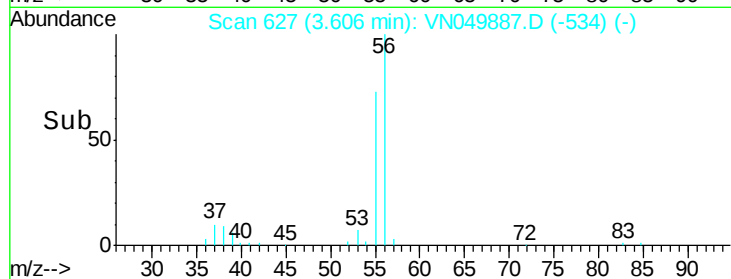
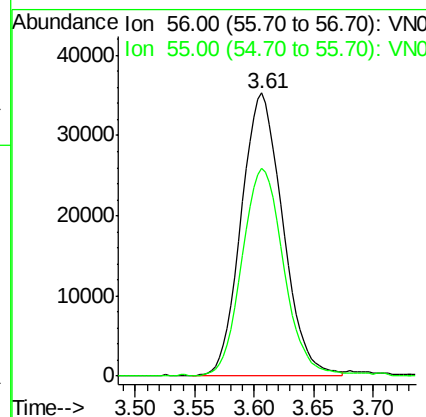
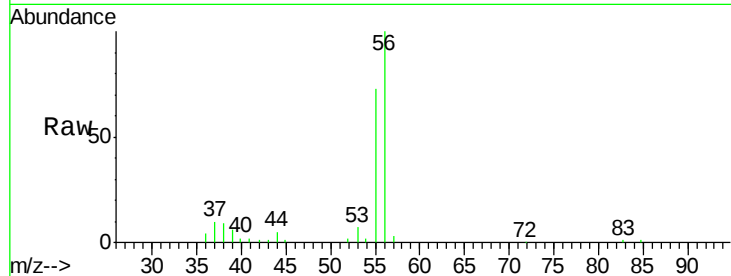
#13
Acrolein
Concen: 223.79 ug/l
RT: 3.61 min Scan# 627
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	56	55	Ratio	100	73.8	Resp	85791	Lower	Upper
56	100								
55		73.8						55.8	83.8

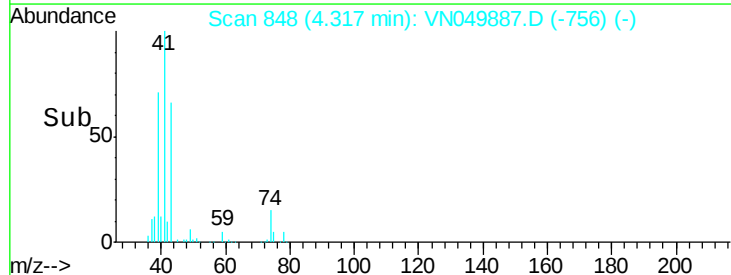
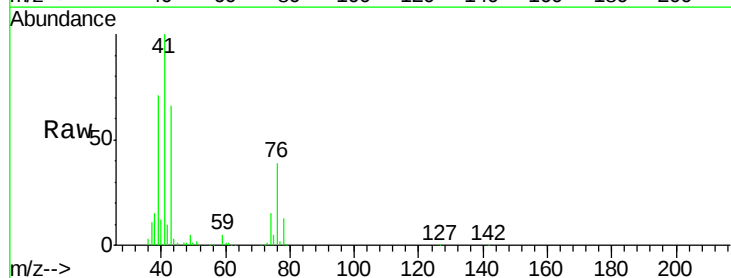
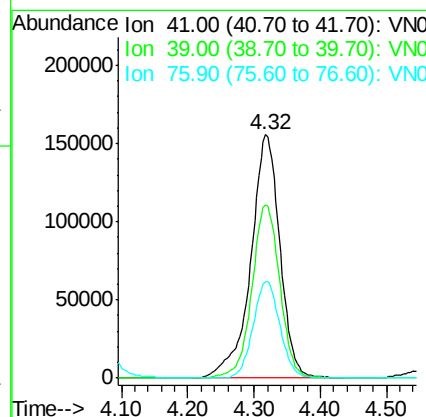
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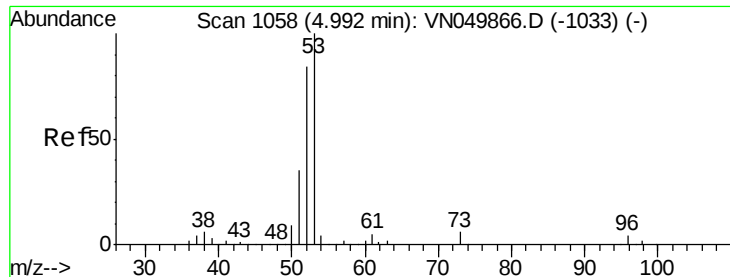
apatel
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#14
Allyl chloride
Concen: 45.77 ug/l
RT: 4.32 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion	41	39	76	Ratio	100	67.5	36.1	Resp	475243	Lower	Upper
41	100										
39		67.5								53.2	79.8
76			36.1							29.0	43.6





#15

Acrylonitrile

Concen: 257.79 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

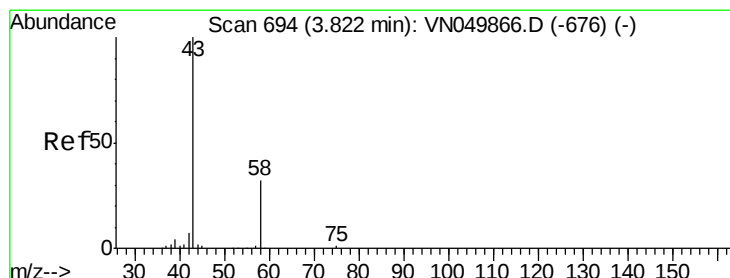
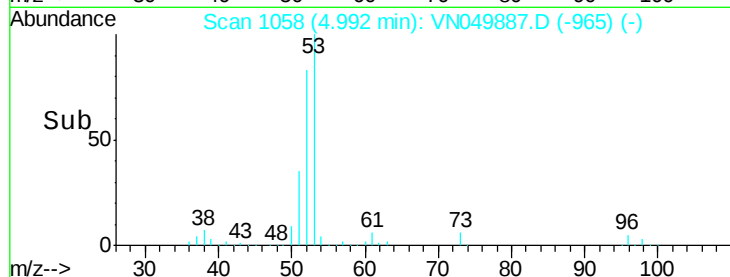
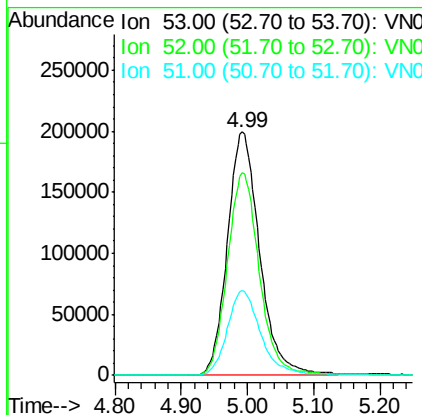
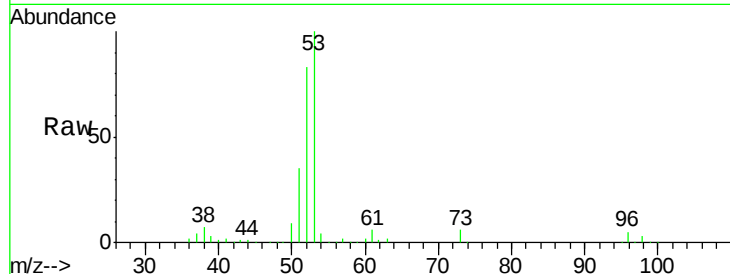
ClientSampled :

VSTDCCC050

Tot Ion:	53	Resp:	674480
Ion	Ratio	Lower	Upper
53	100		
52	81.9	64.8	97.2
51	36.2	28.9	43.3

Manual Integrations
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#16

Acetone

Concen: 247.03 ug/l

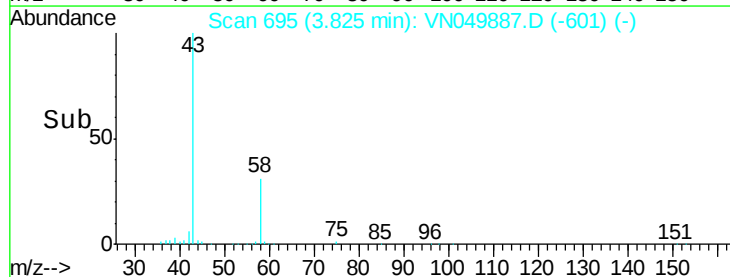
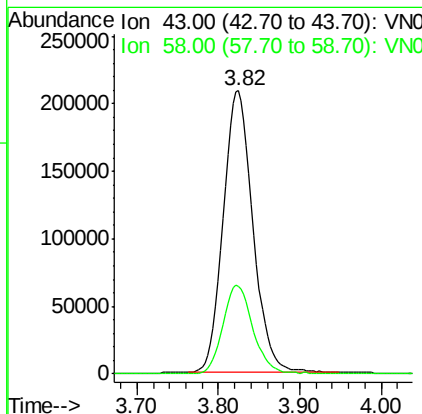
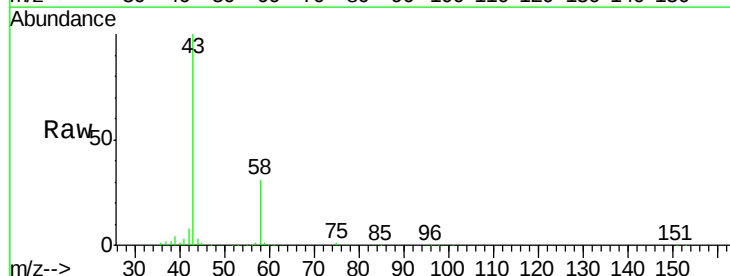
RT: 3.82 min Scan# 695

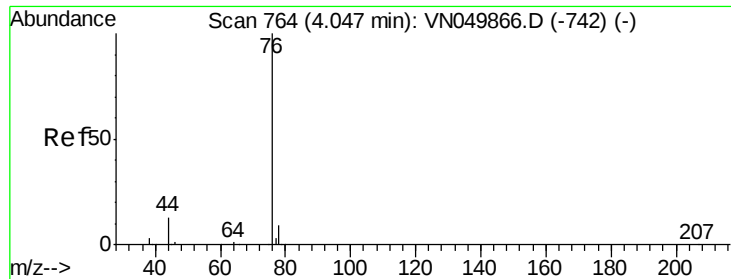
Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Tgt Ion:	43	Resp:	534102
Ion	Ratio	Lower	Upper
43	100		
58	30.9	25.9	38.9





#17

Carbon Disulfide

Concen: 42.25 ug/l

RT: 4.04 min Scan# 763

Delta R.T. -0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 832656

Ion Ratio Lower Upper

76 100

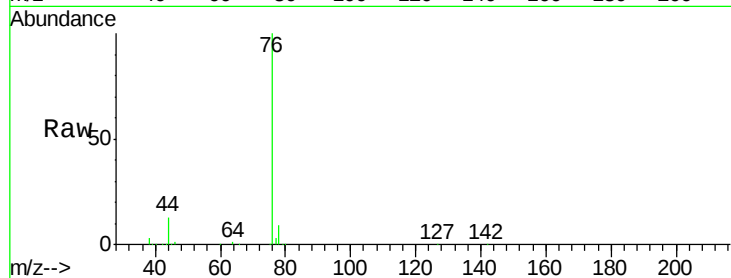
78 9.2 7.1 10.7

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Abundance Ion 75.90 (75.60 to 76.60): VN049887.D (-671) (-)

Ion 77.90 (77.60 to 78.60): VN049887.D (-671) (-)

4.04

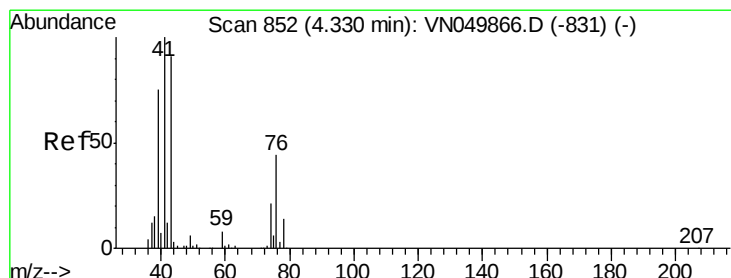
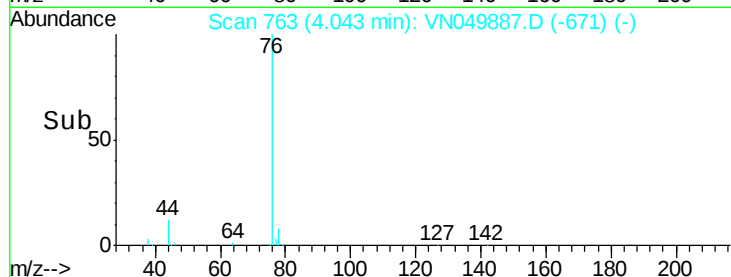
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 54.80 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049887.D

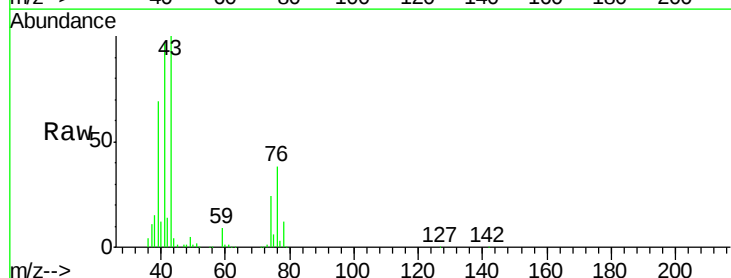
Acq: 18 Jul 2018 21:57

Tgt Ion: 43 Resp: 371792

Ion Ratio Lower Upper

43 100

74 23.9 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN049887.D (-759) (-)

Ion 74.00 (73.70 to 74.70): VN049887.D (-759) (-)

4.33

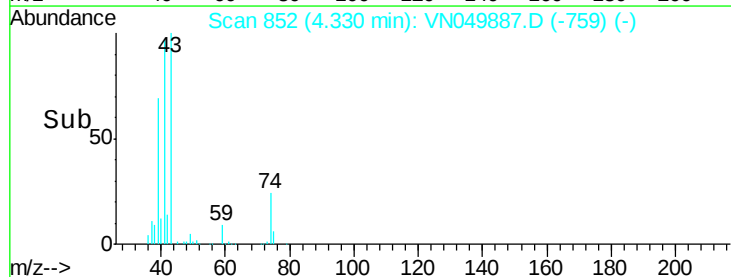
150000

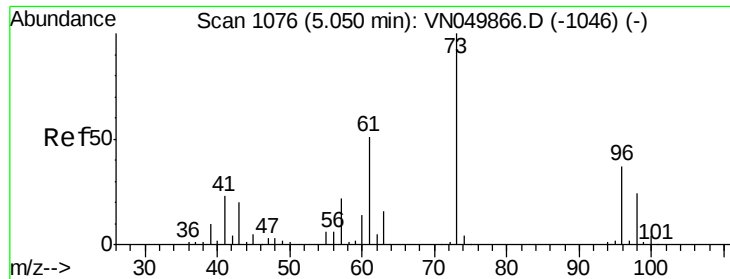
100000

50000

0

Time-->





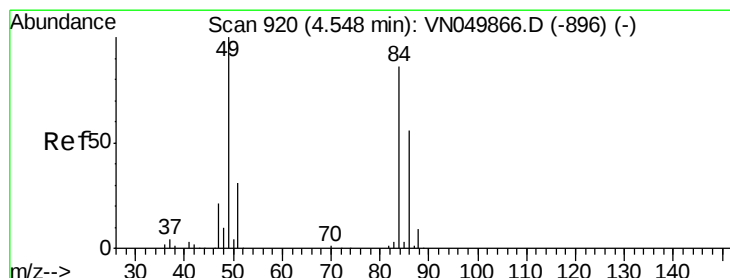
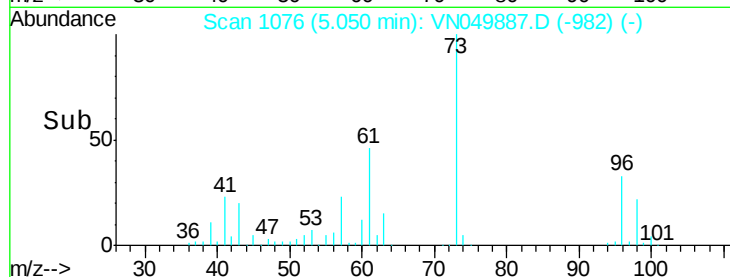
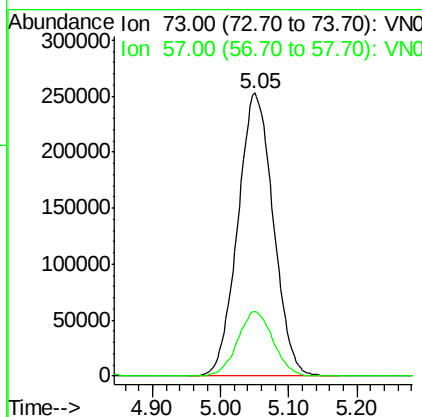
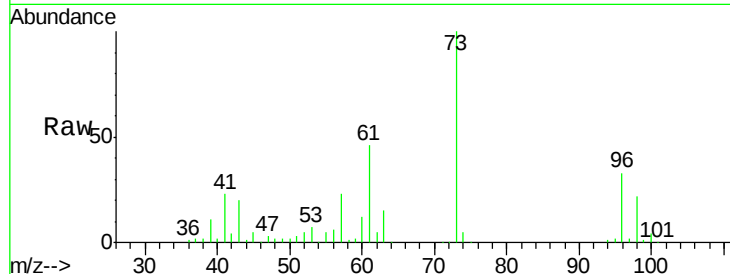
#19
Methvl tert-butvl Ether
Concen: 50.47 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 914652
Ion Ratio Lower Upper
73 100
57 22.9 18.1 27.1

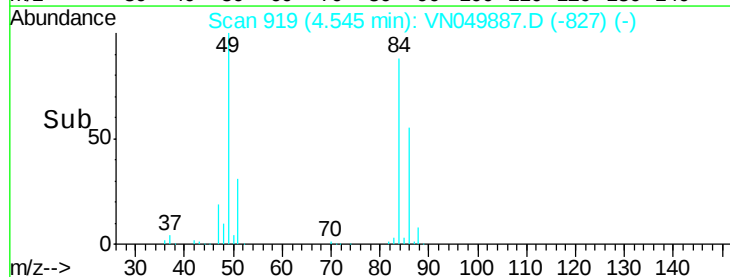
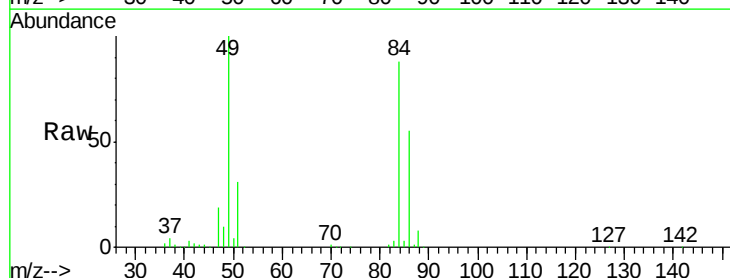
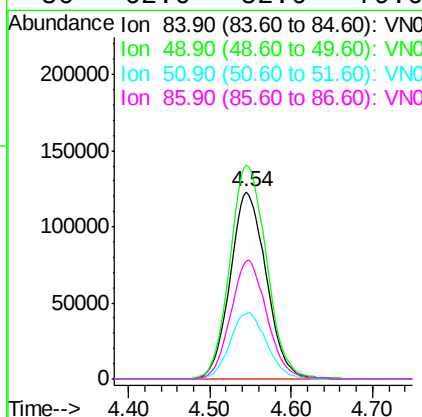
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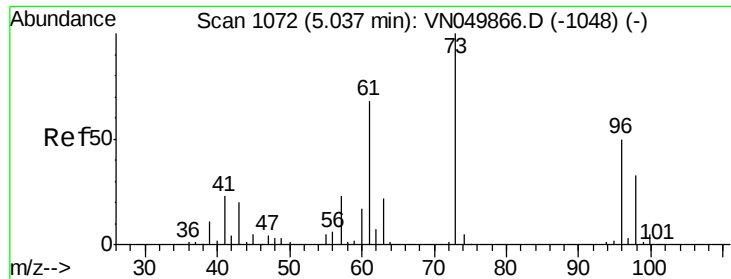
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#20
Methylene Chloride
Concen: 45.94 ug/l
RT: 4.54 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion: 84 Resp: 377763
Ion Ratio Lower Upper
84 100
49 113.9 95.4 143.2
51 35.0 28.4 42.6
86 62.6 52.6 79.0





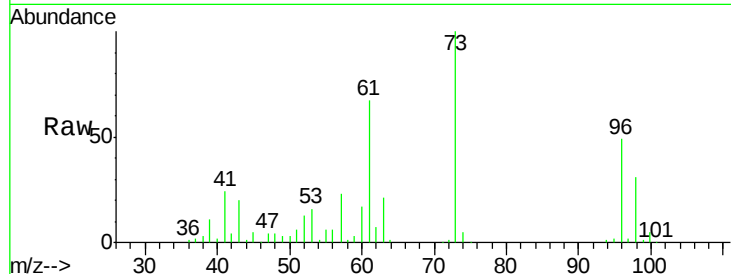
#21
trans-1,2-Dichloroethene
Concen: 46.16 ug/l
RT: 5.04 min Scan# 1072
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

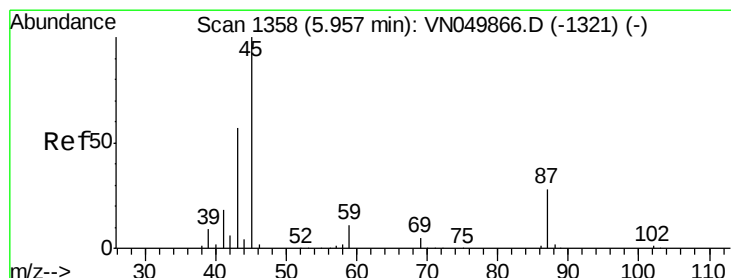
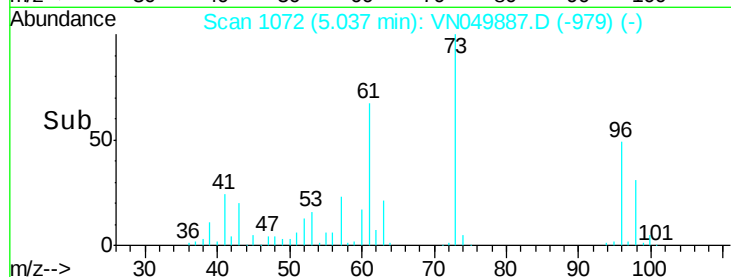
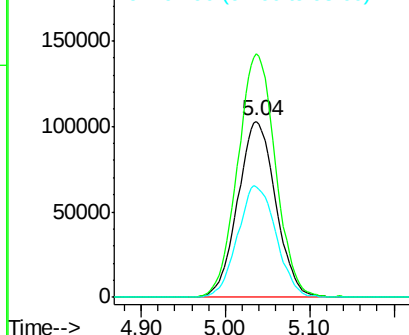
Tot Ion	Ratio	Lower	Upper
96	100		
61	138.1	109.0	163.6
98	62.9	51.1	76.7

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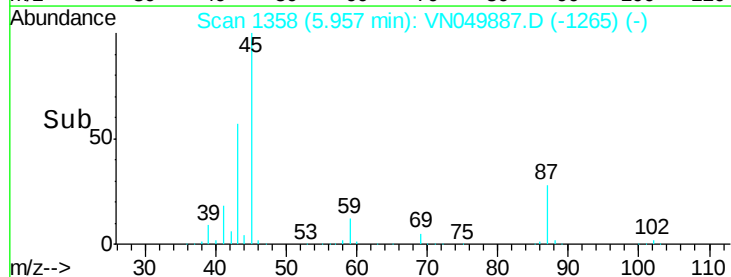
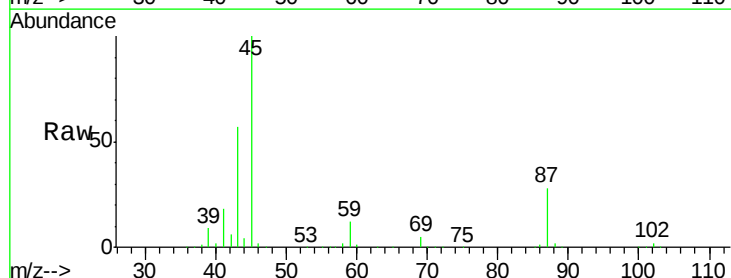
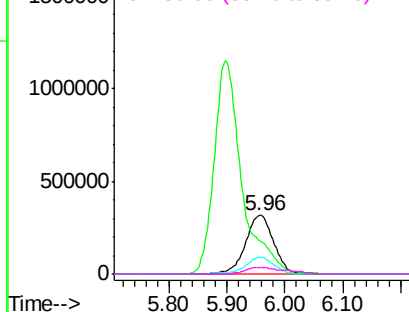
Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO

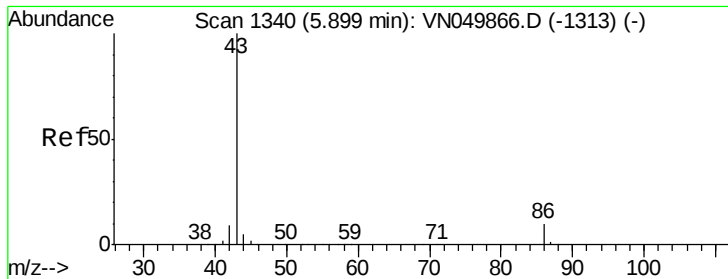


#22
Diisopropyl ether
Concen: 50.61 ug/l
RT: 5.96 min Scan# 1358
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.5	48.1	72.1
87	28.0	22.6	34.0
59	11.5	9.2	13.8

Abundance Ion 45.00 (44.70 to 45.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 87.00 (86.70 to 87.70): VNO
Ion 59.00 (58.70 to 59.70): VNO





#23

Vinyl Acetate

Concen: 256.66 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3815775

Ion Ratio Lower Upper

43 100

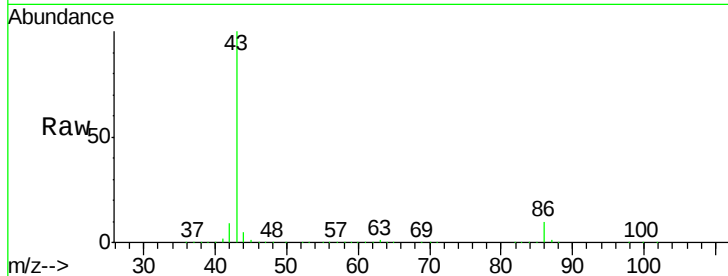
86 10.4 8.4 12.6

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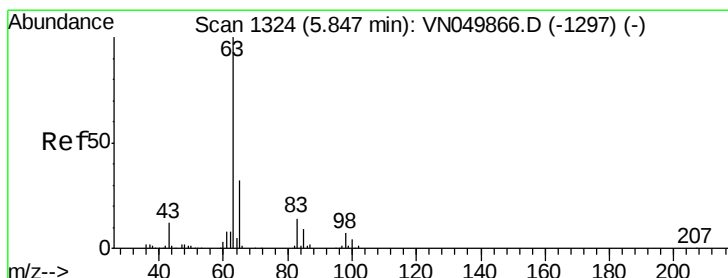
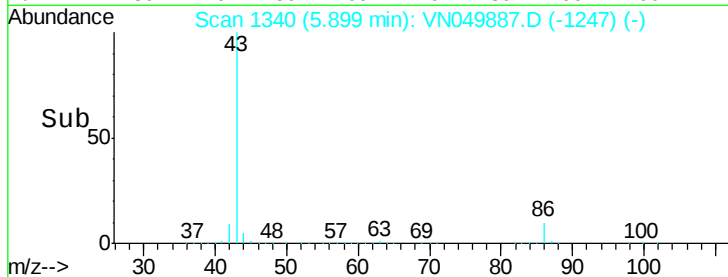
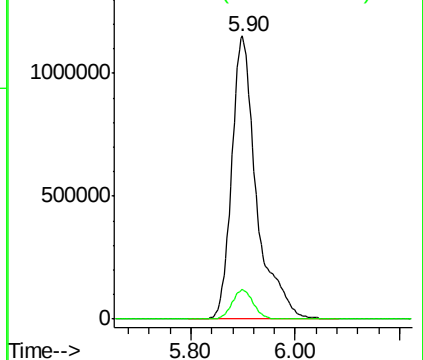
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 45.80 ug/l

RT: 5.85 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

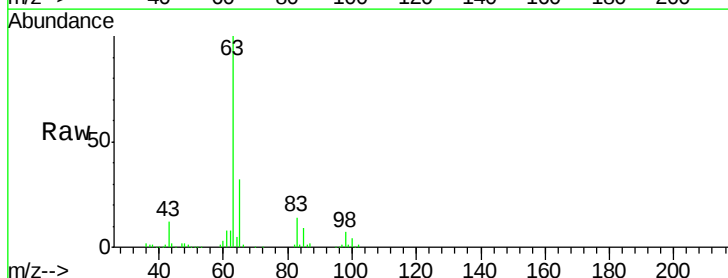
Tgt Ion: 63 Resp: 622967

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

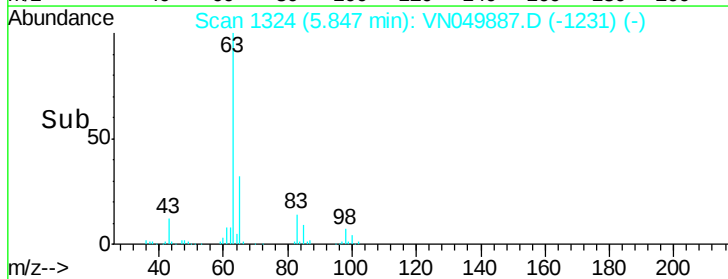
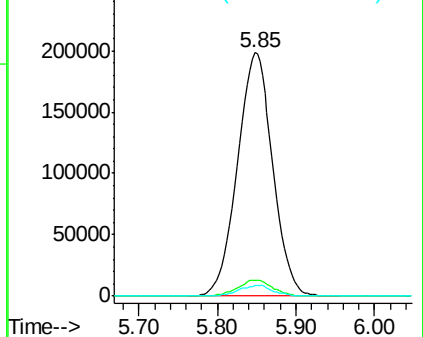
100 4.1 2.2 6.6

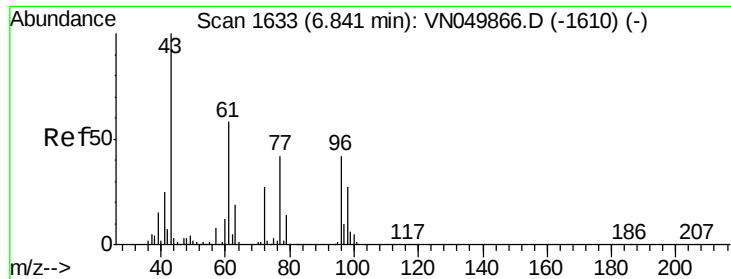


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 266.60 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 823795

Ion Ratio Lower Upper

43 100

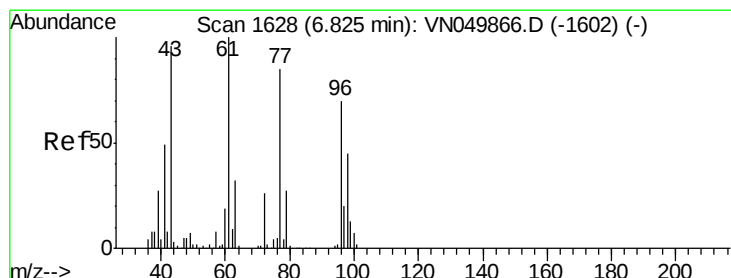
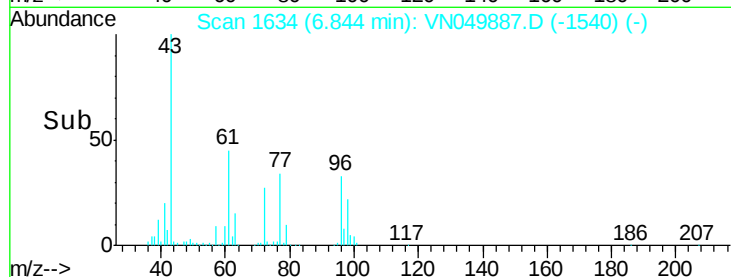
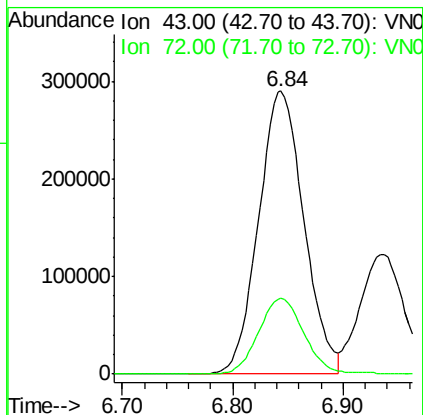
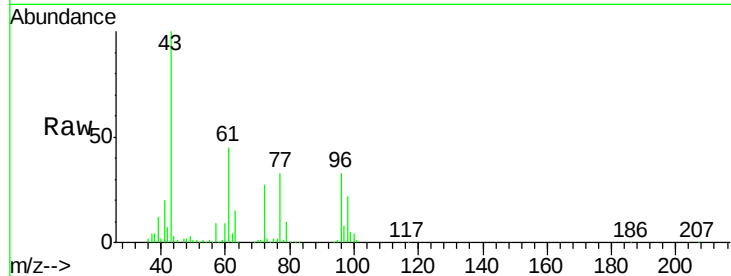
72 27.1 22.1 33.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.91 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN049887.D

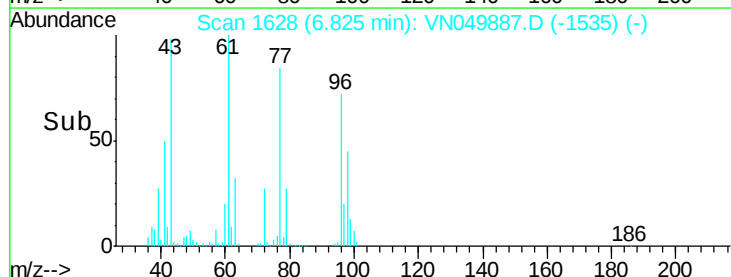
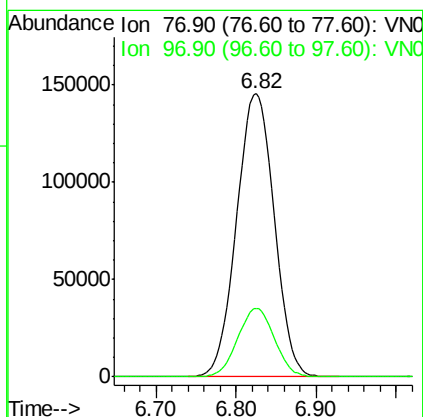
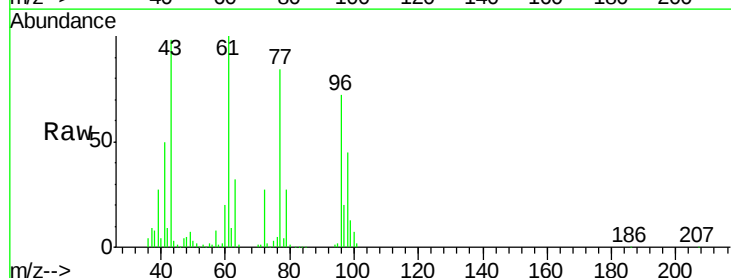
Acq: 18 Jul 2018 21:57

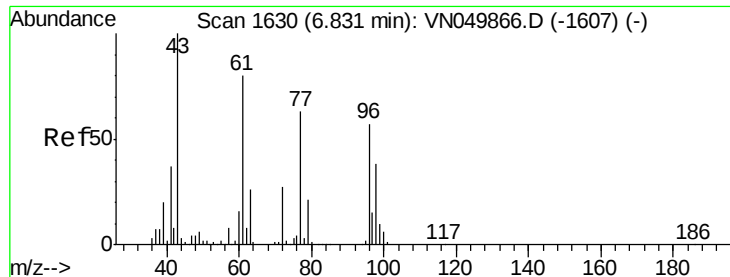
Tgt Ion: 77 Resp: 464800

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.5





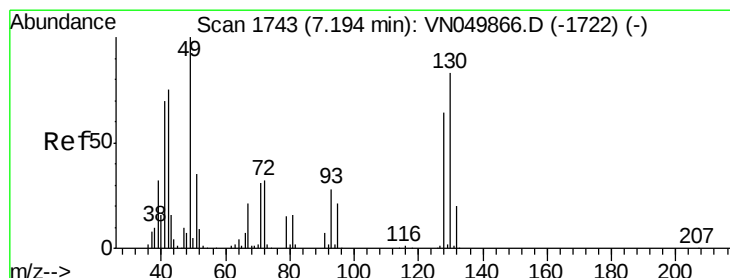
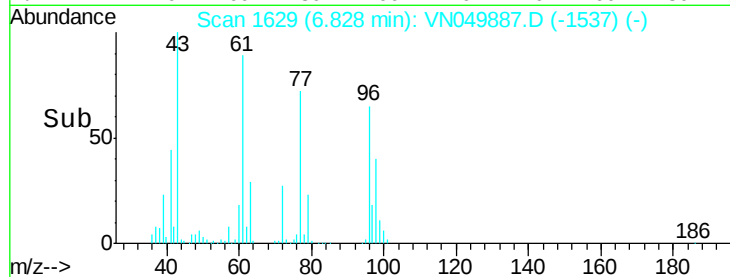
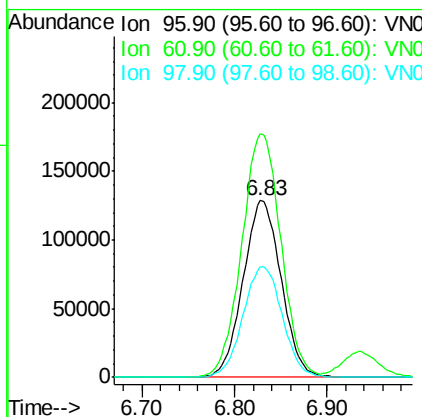
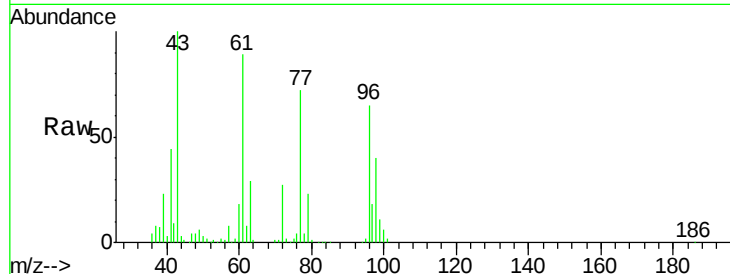
#27
 cis-1,2-Dichloroethene
 Concen: 47.83 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	367085		
61	141.7	0.0	289.0	
98	64.8	0.0	130.2	

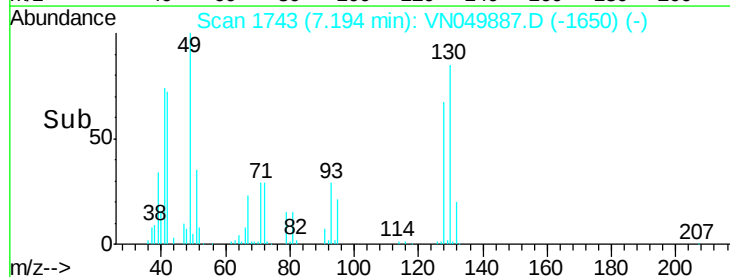
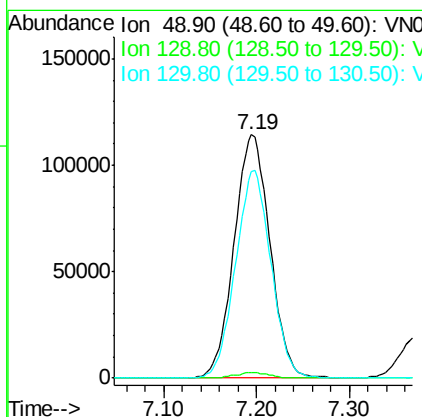
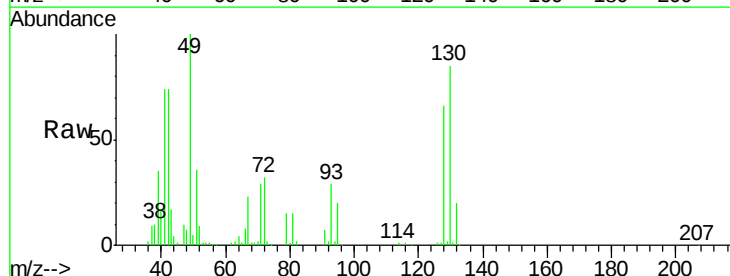
Manual Integrations
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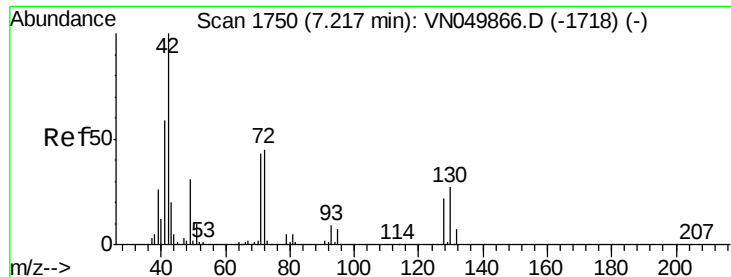
apatel
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#28
 Bromochloromethane
 Concen: 49.91 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	306644		
129	2.2	0.0	4.2	
130	84.3	65.5	98.3	





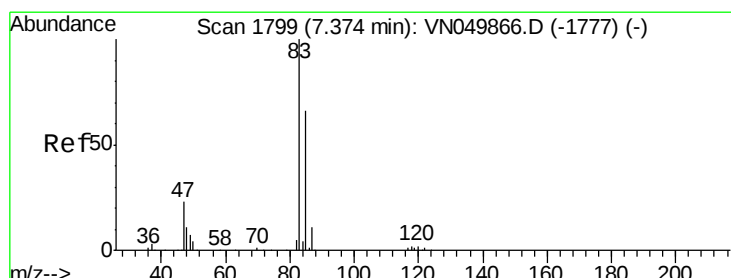
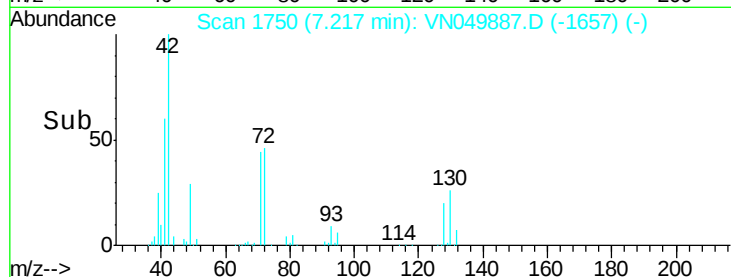
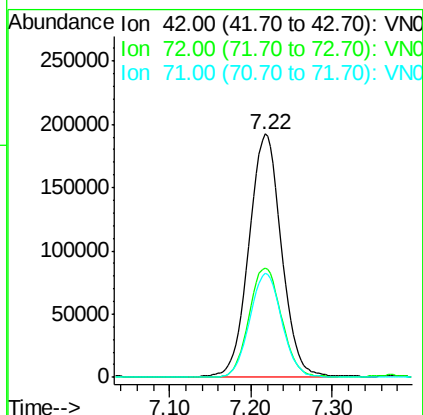
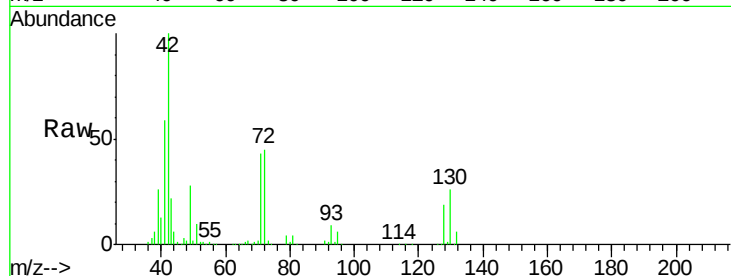
#29
Tetrahydrofuran
Concen: 271.93 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	35.6	53.4
71	42.0	34.0	51.0

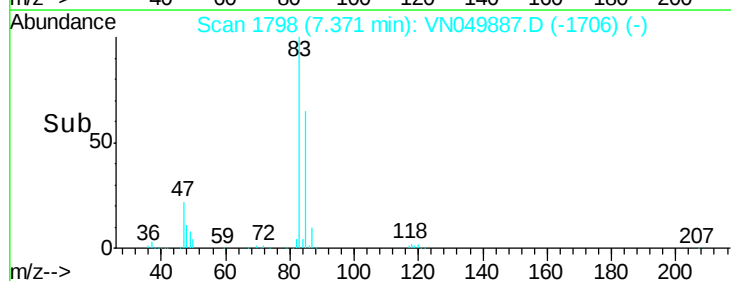
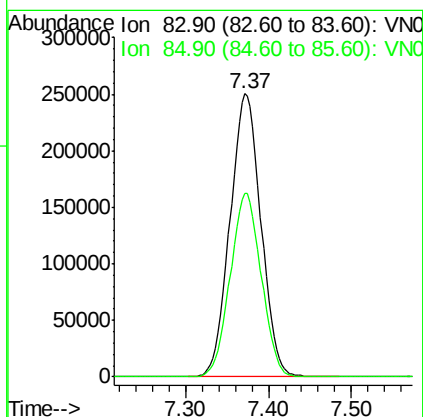
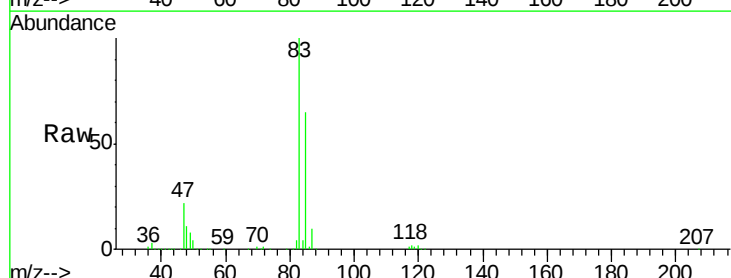
Manual Integrations
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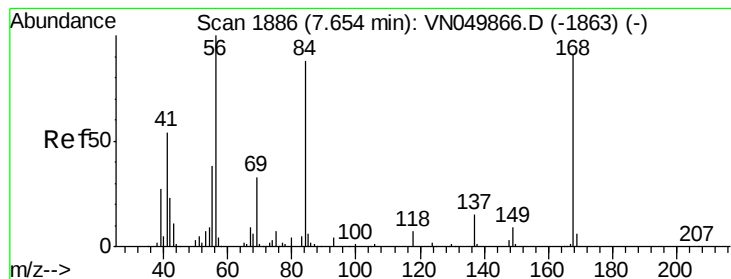
apatel
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#30
Chloroform
Concen: 46.48 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.4	77.2





#31

Cyclohexane

Concen: 46.03 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

ClientSampled :

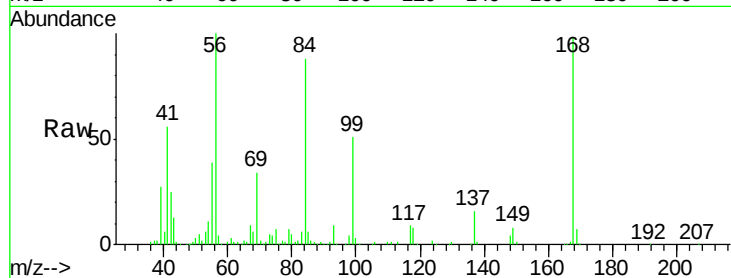
VSTDCCC050

Tot Ion:	56	Resp:	509558
Ion Ratio	Lower	Upper	
56	100		
69	34.0	26.6	40.0
84	86.8	69.0	103.6

Manual Integrations
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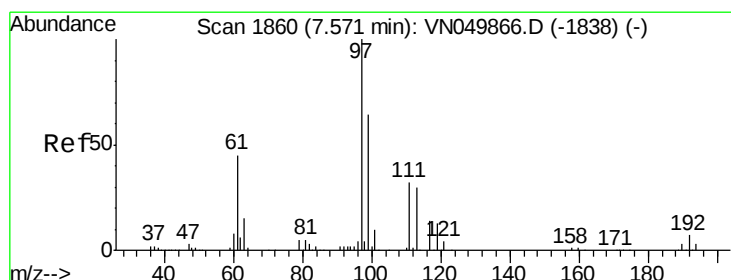
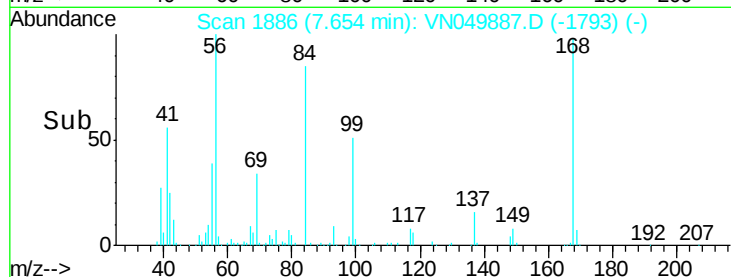
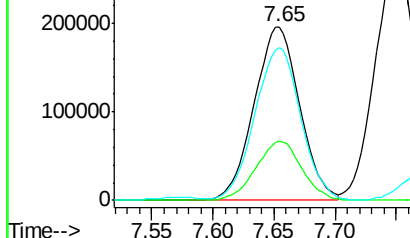
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Abundance Ion 56.00 (55.70 to 56.70): VN049866.D (-1863) (-)

Ion 69.00 (68.70 to 69.70): VN049866.D (-1863) (-)

Ion 84.00 (83.70 to 84.70): VN049866.D (-1863) (-)



#32

1,1,1-Trichloroethane

Concen: 45.73 ug/l

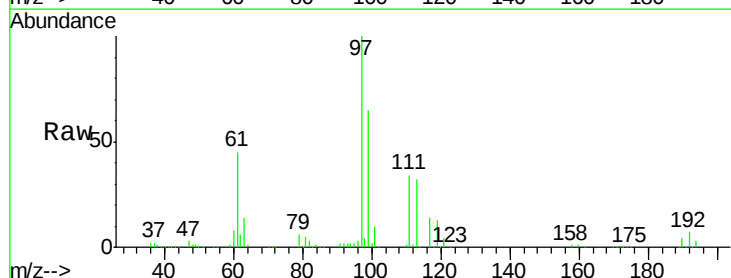
RT: 7.57 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

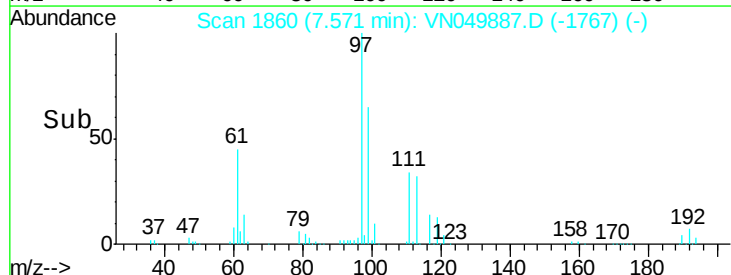
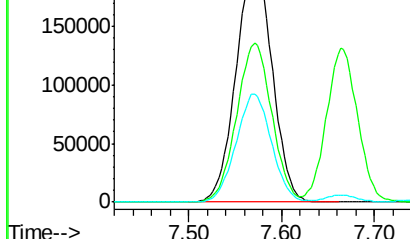
Tgt Ion:	97	Resp:	551933
Ion Ratio	Lower	Upper	
97	100		
99	65.0	51.0	76.4
61	44.4	35.5	53.3

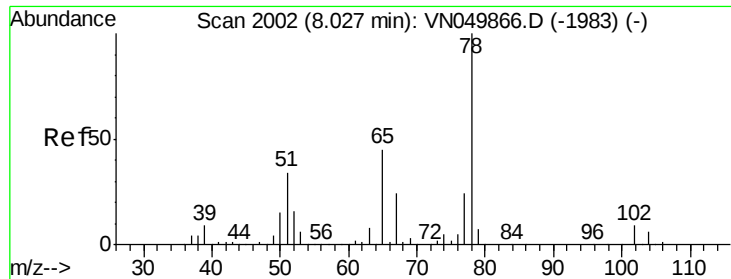


Abundance Ion 96.90 (96.60 to 97.60): VN049866.D (-1838) (-)

Ion 98.90 (98.60 to 99.60): VN049866.D (-1838) (-)

Ion 60.90 (60.60 to 61.60): VN049866.D (-1838) (-)





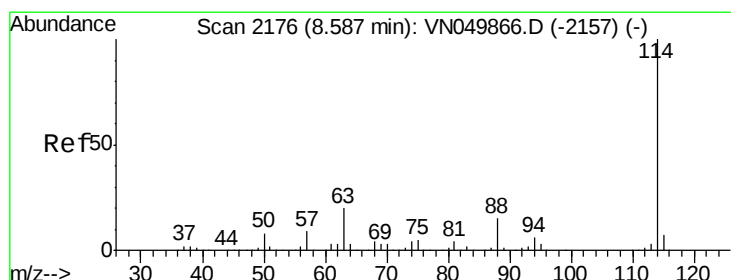
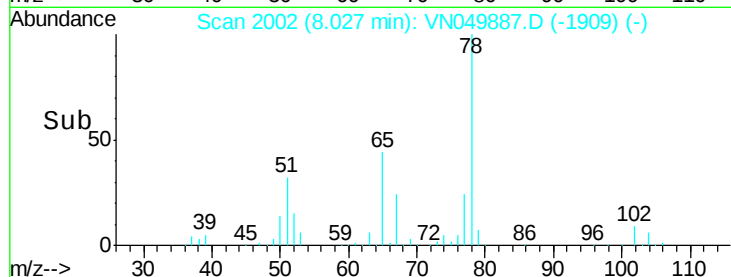
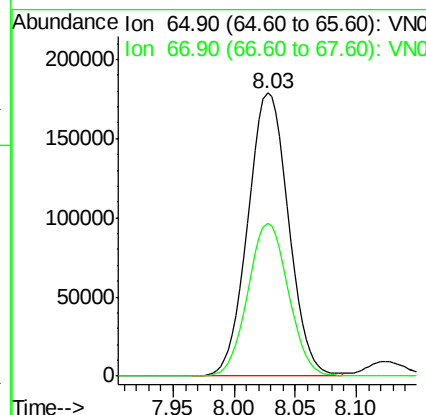
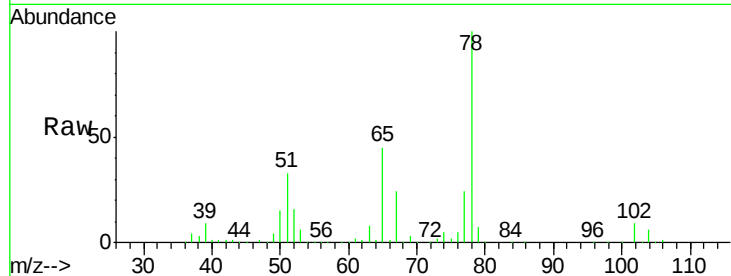
#33
 1,2-Dichloroethane-d4
 Concen: 49.45 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.8	0.0	107.2	

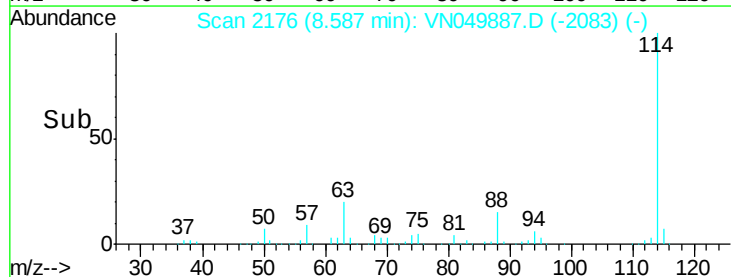
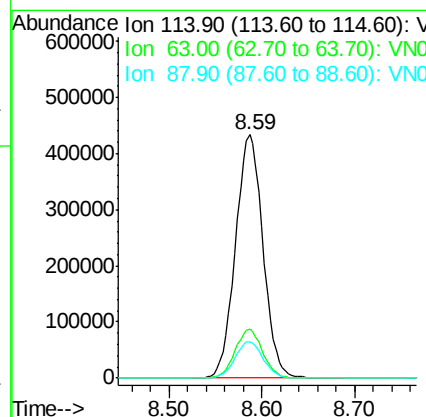
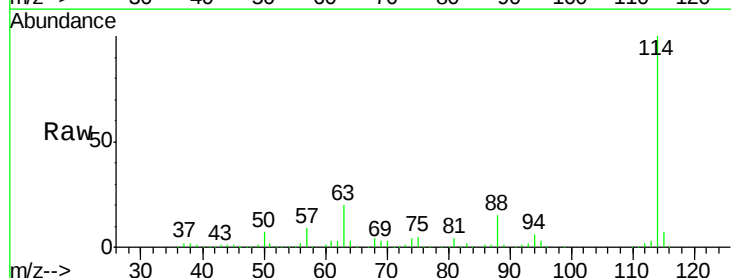
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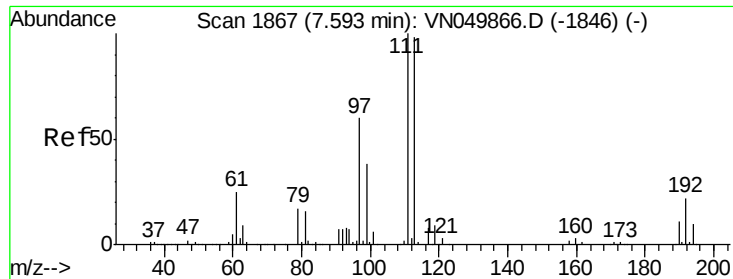
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.0	0.0	39.8	
88	15.0	0.0	30.6	





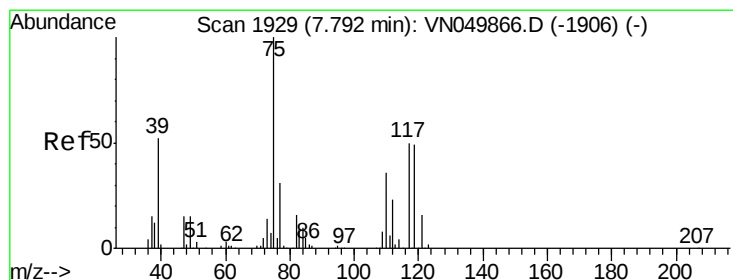
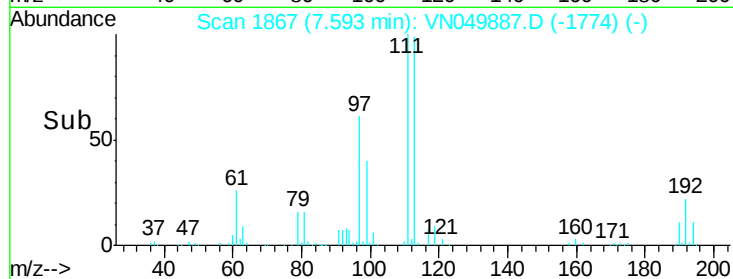
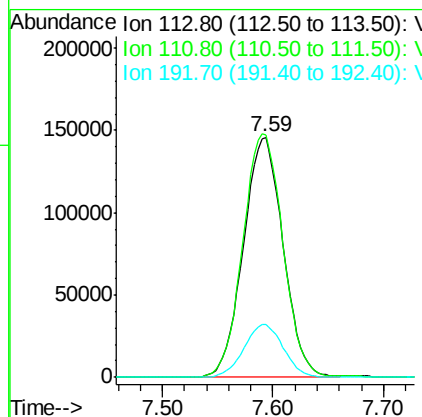
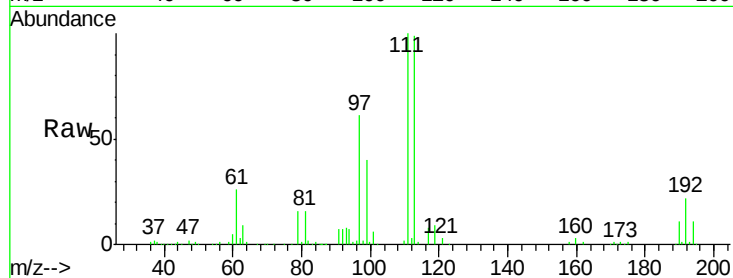
#35
 Dibromofluoromethane
 Concen: 48.71 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.8
192	22.0	17.8	26.6

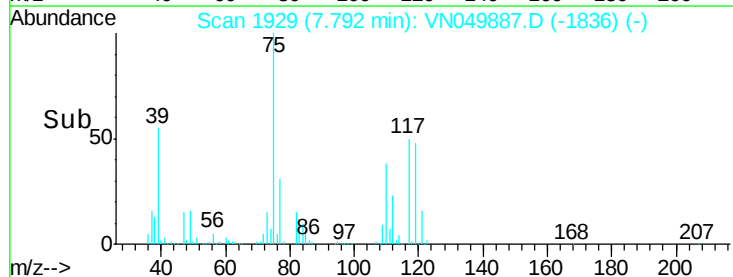
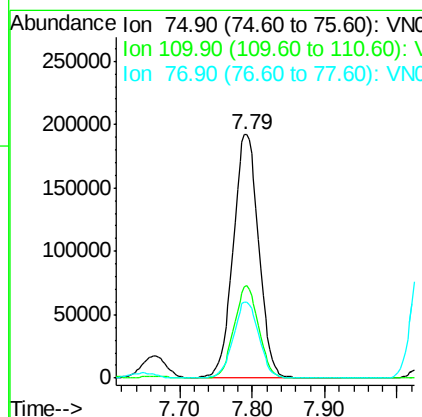
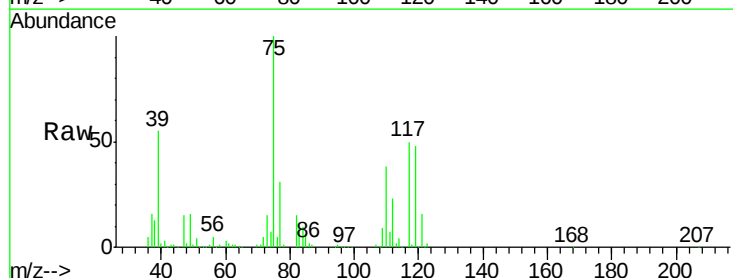
Manual Integrations
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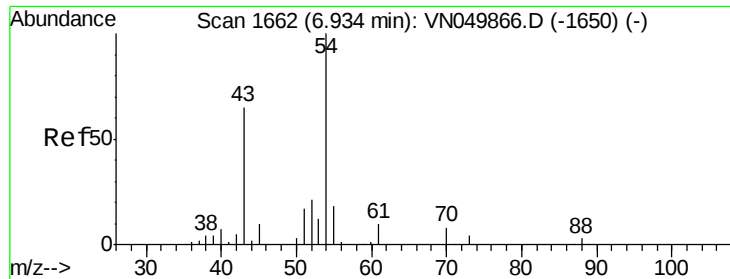
apatel
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#36
 1,1-Dichloropropene
 Concen: 47.42 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.1	54.4
77	31.5	24.9	37.3





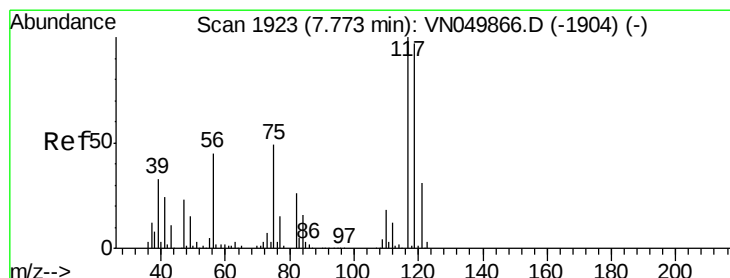
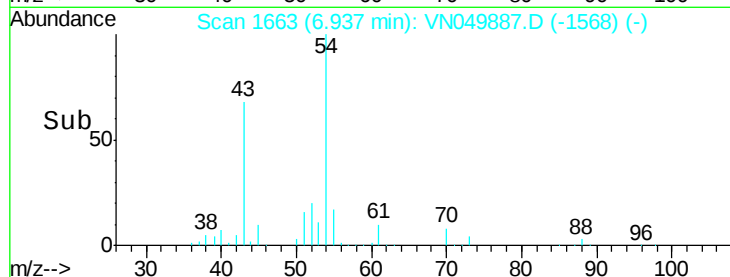
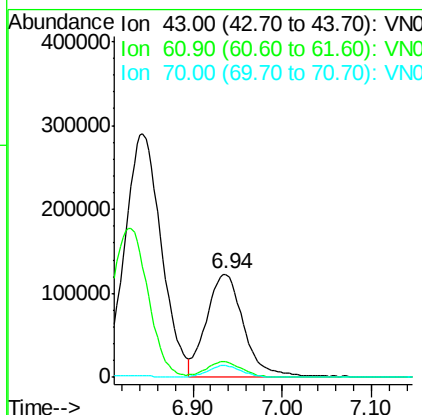
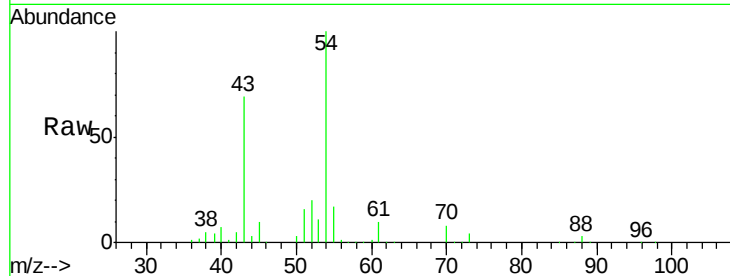
#37
Ethyl Acetate
Concen: 51.58 ug/l
RT: 6.94 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.7	17.5
70	10.7	8.4	12.6

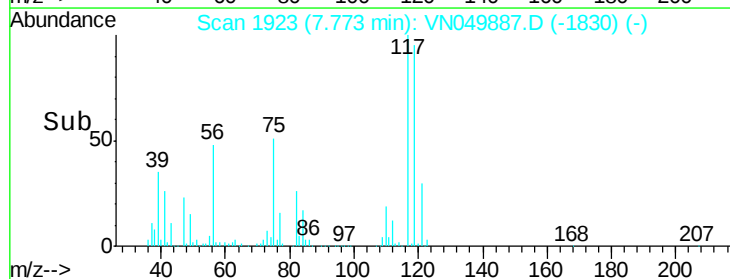
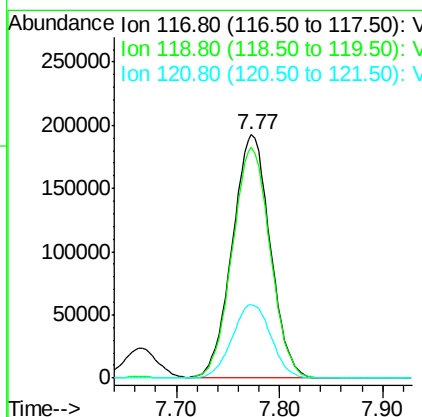
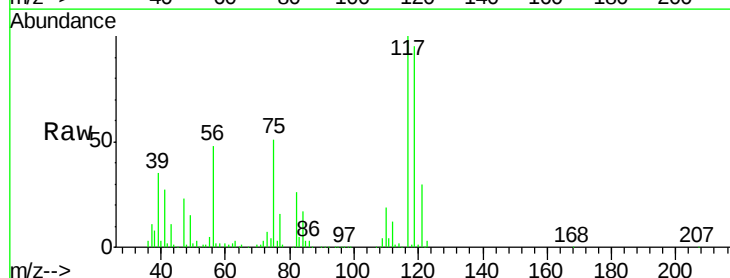
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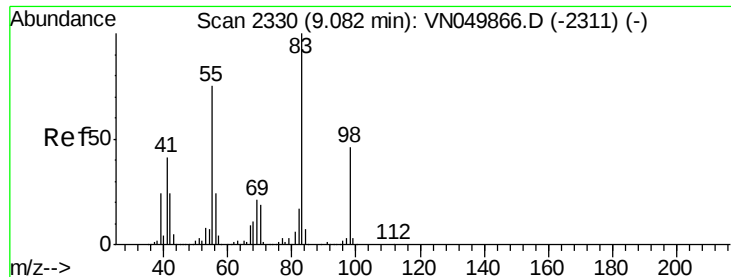
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#38
Carbon Tetrachloride
Concen: 46.39 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.2	115.8
121	30.3	25.0	37.6





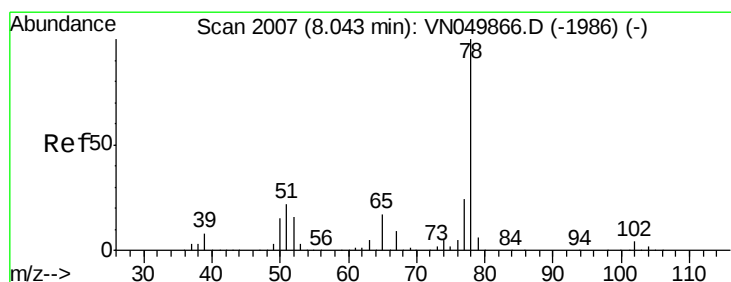
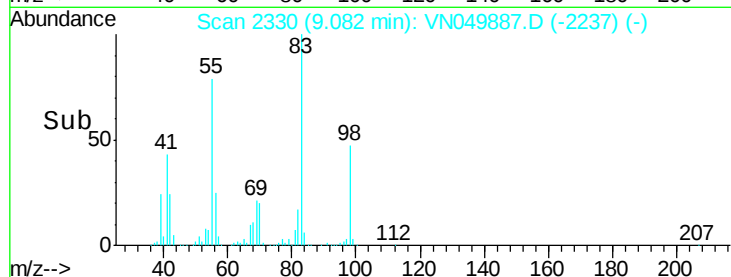
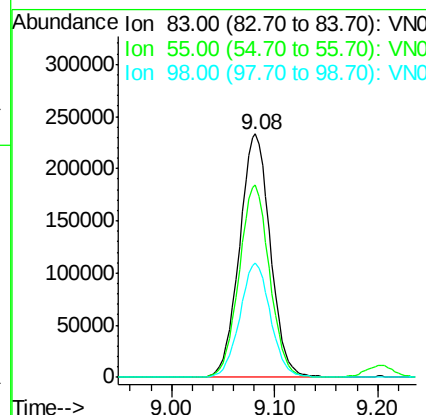
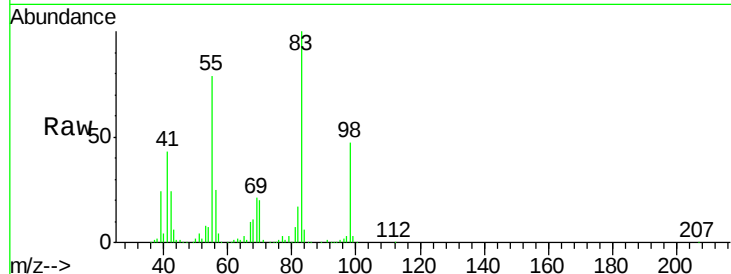
#39
Methvlcvclohexane
Concen: 47.44 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.9	59.7	89.5
98	46.8	36.5	54.7

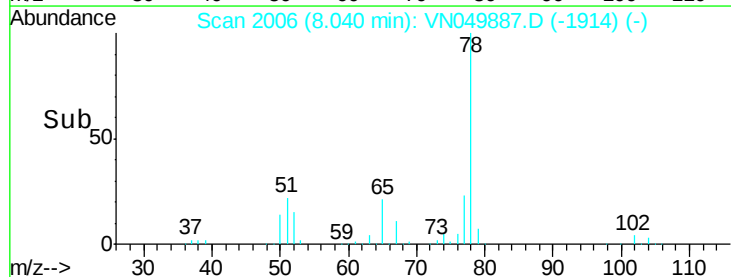
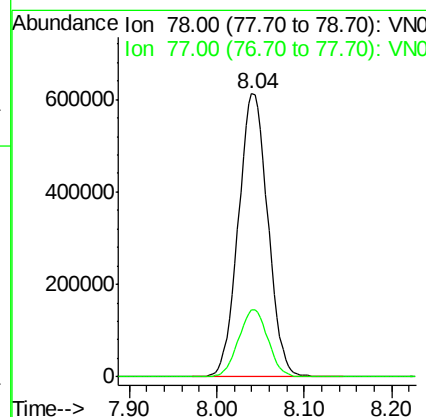
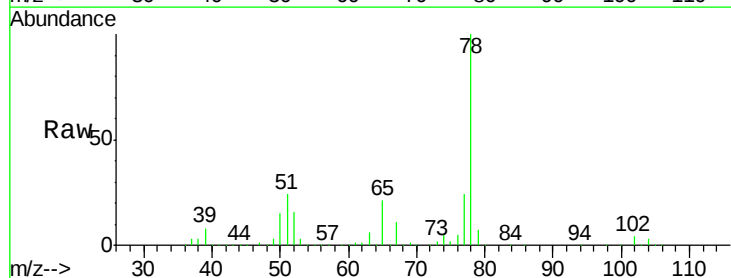
Manual Integrations
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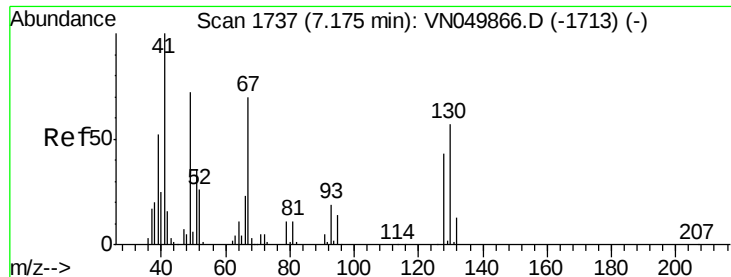
apatel
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#40
Benzene
Concen: 47.52 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





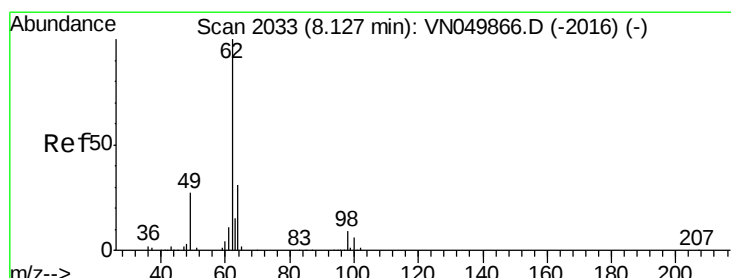
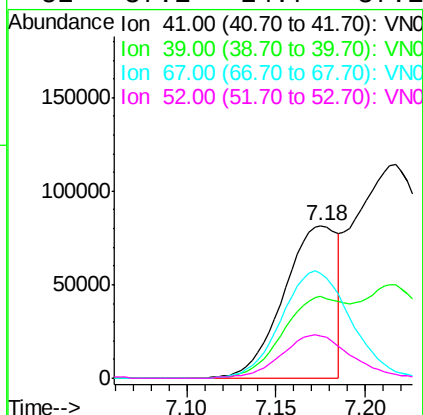
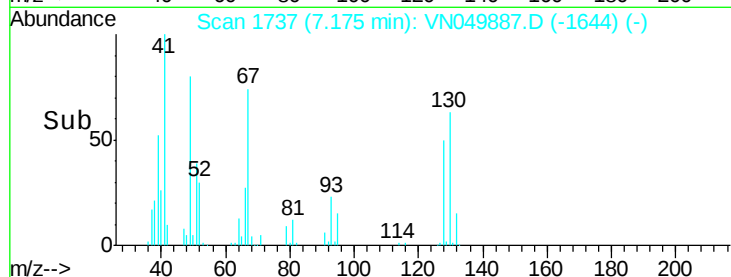
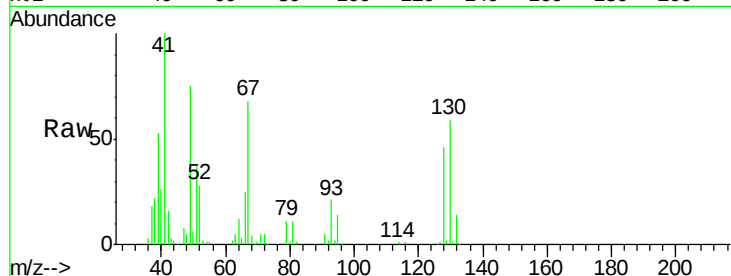
#41
Methacrylonitrile
Concen: 49.75 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	62.2	45.4	68.2
67	91.7	65.4	98.0
52	37.1	24.7	37.1#

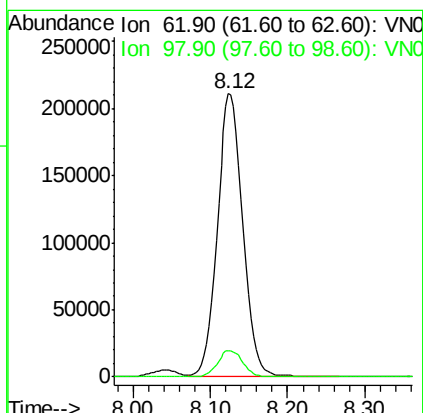
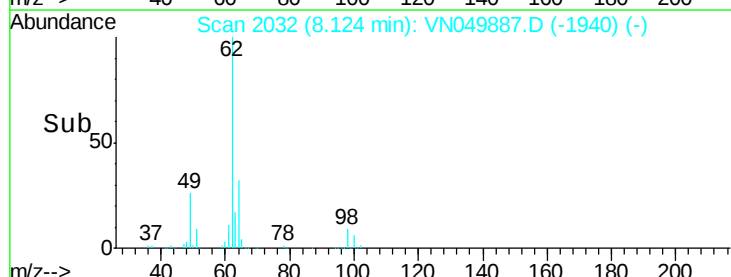
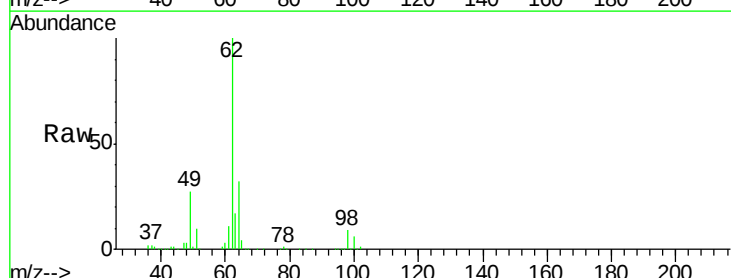
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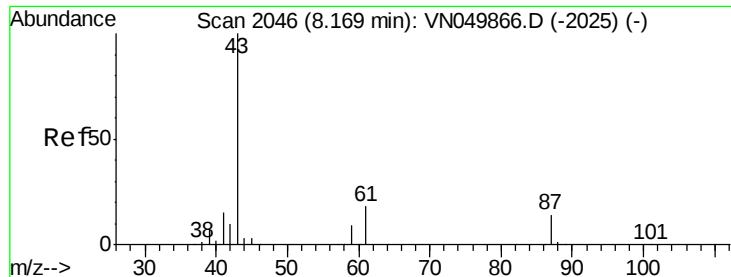
apatel
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#42
1,2-Dichloroethane
Concen: 48.13 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.0





#43

Isopropyl Acetate

Concen: 54.84 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

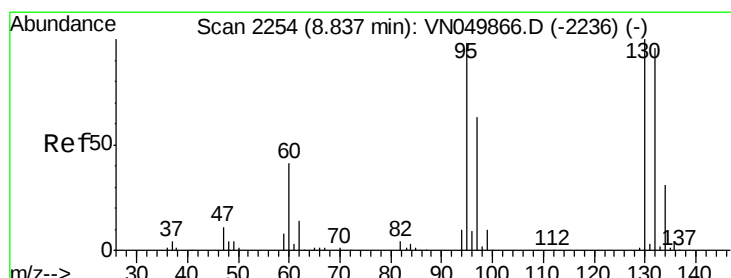
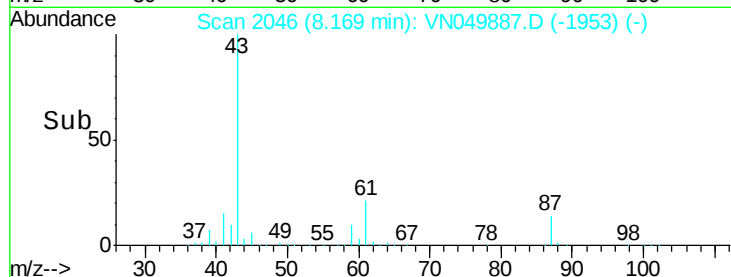
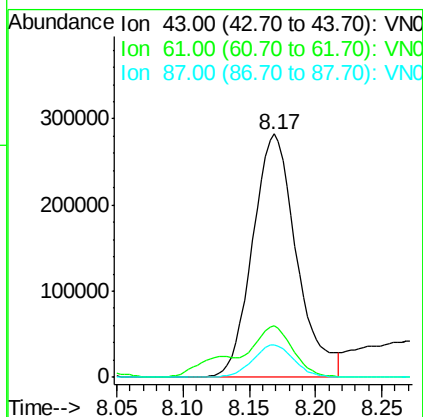
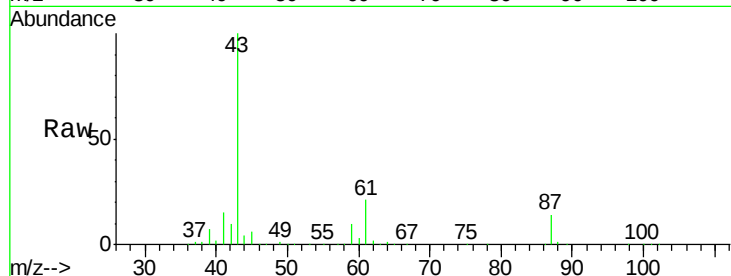
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	651151
Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.9	22.3
87	12.6	10.0	15.0

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#44

Trichloroethene

Concen: 46.71 ug/l

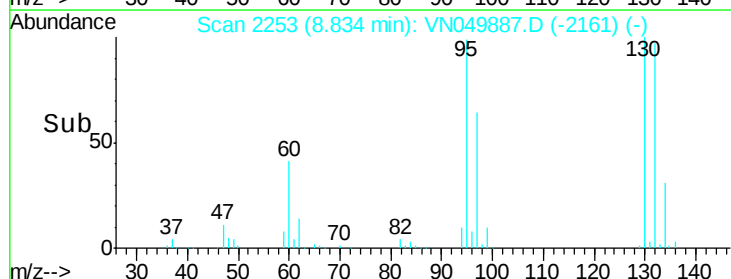
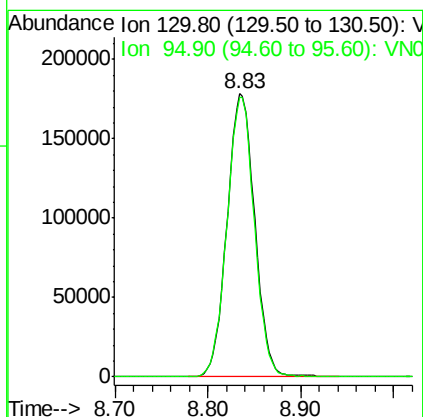
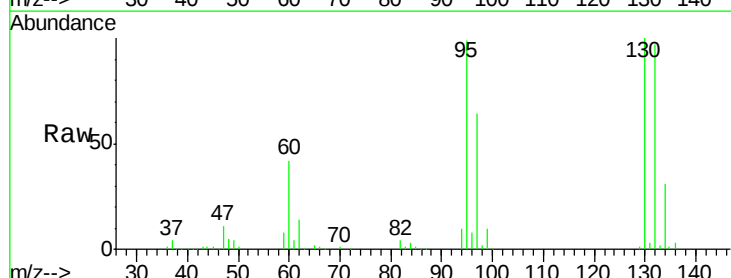
RT: 8.83 min Scan# 2253

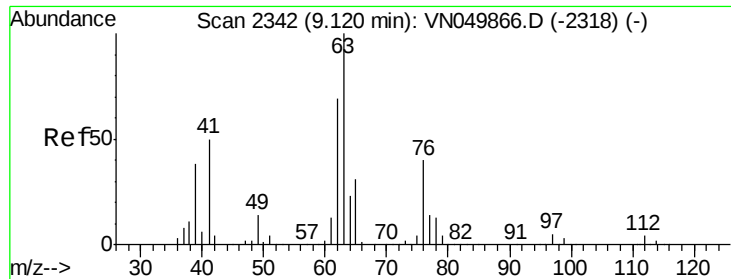
Delta R.T. -0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Tgt Ion:	130	Resp:	369515
Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	192.8





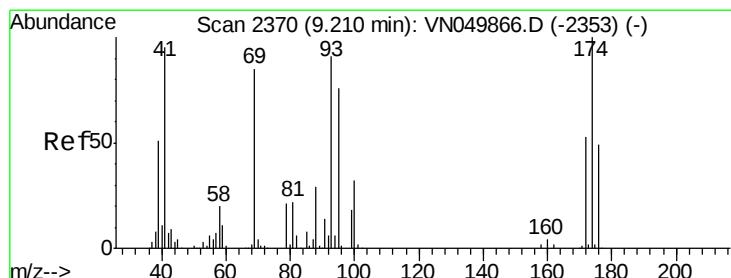
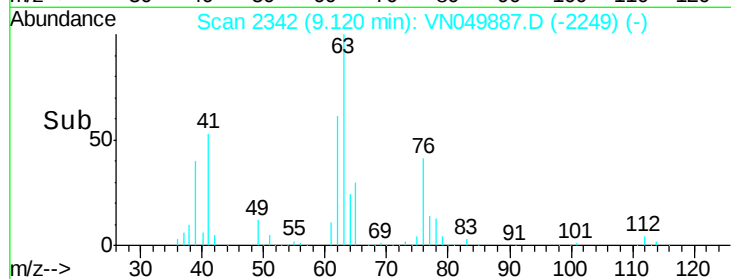
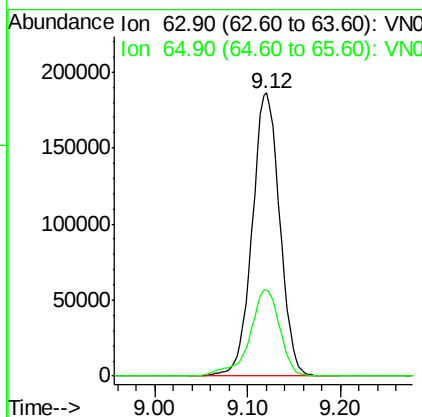
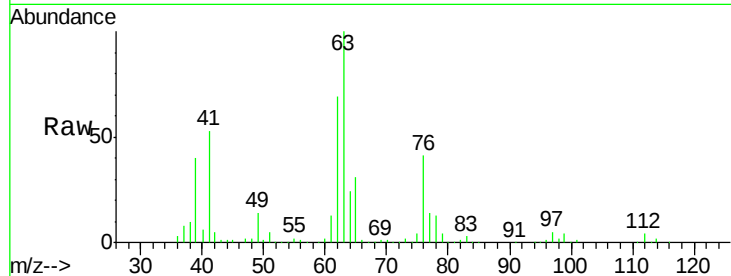
#45
 1,2-Dichloropropane
 Concen: 47.13 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 383576
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.7 37.1

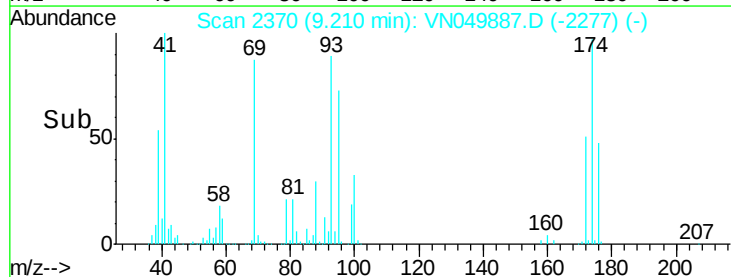
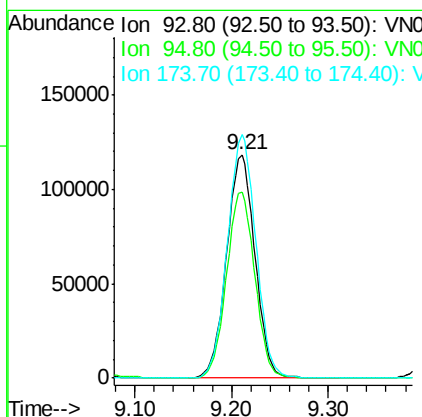
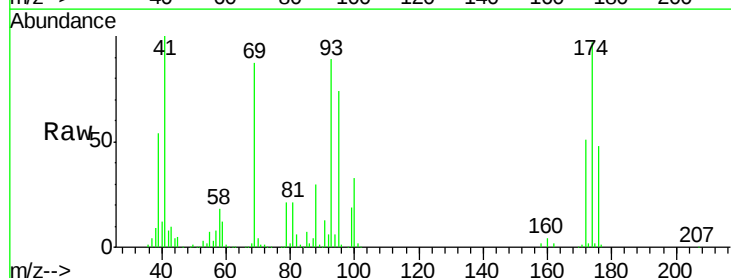
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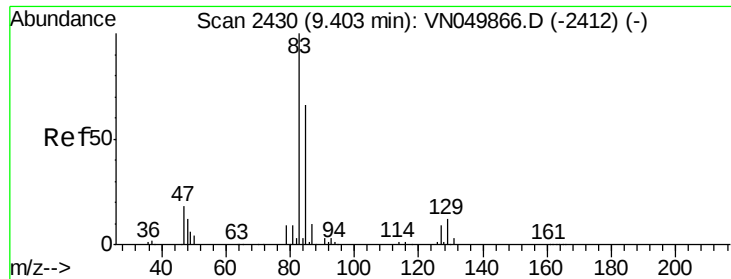
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#46
 Dibromomethane
 Concen: 48.07 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Tgt Ion: 93 Resp: 242631
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.9 101.9
 174 108.8 89.4 134.0





#47

Bromodichloromethane

Concen: 48.43 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

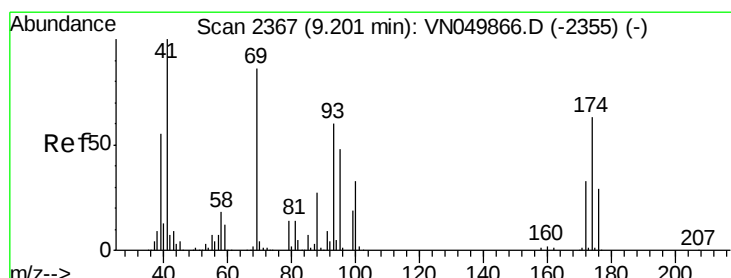
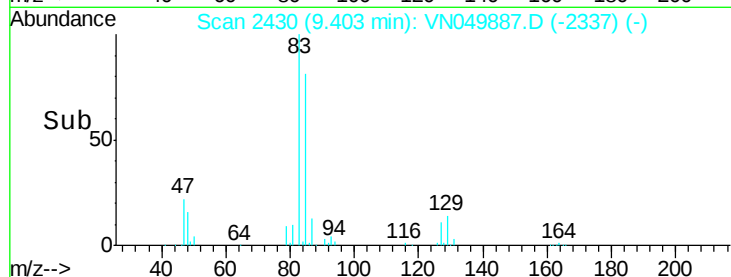
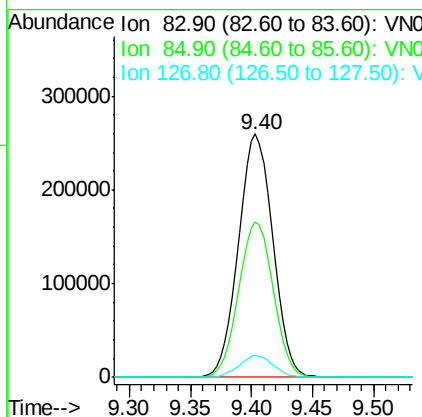
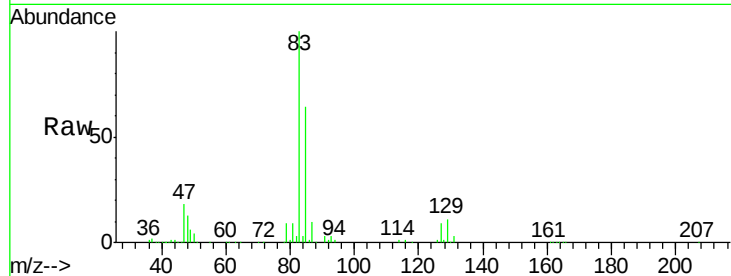
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	505561
Ion Ratio	Lower	Upper	
83	100		
85	64.0	50.5	75.7
127	8.9	6.8	10.2

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#48

Methyl methacrylate

Concen: 52.08 ug/l

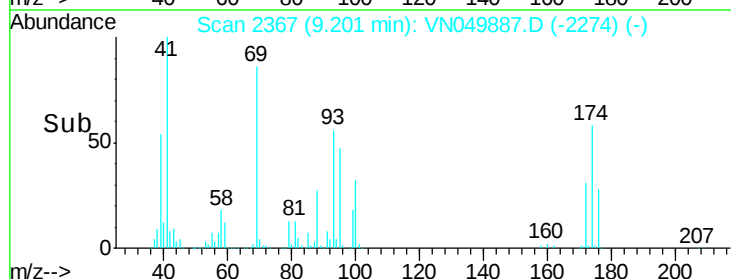
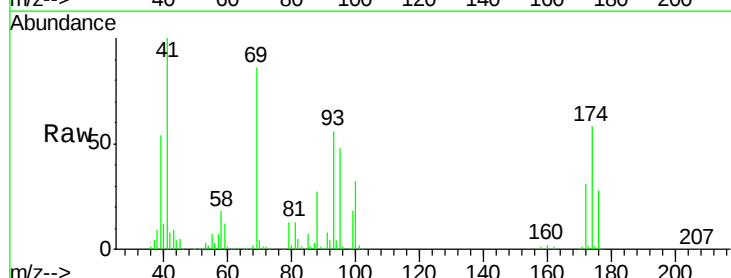
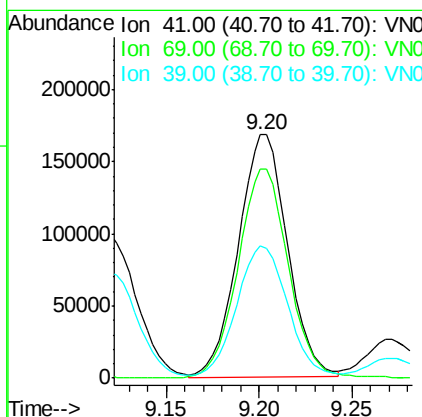
RT: 9.20 min Scan# 2367

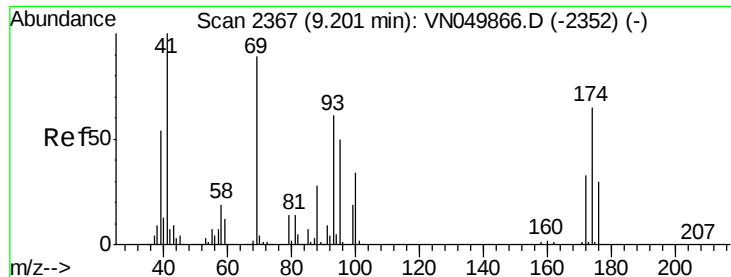
Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Tgt Ion:	41	Resp:	310240
Ion Ratio	Lower	Upper	
41	100		
69	88.0	71.5	107.3
39	56.5	44.7	67.1





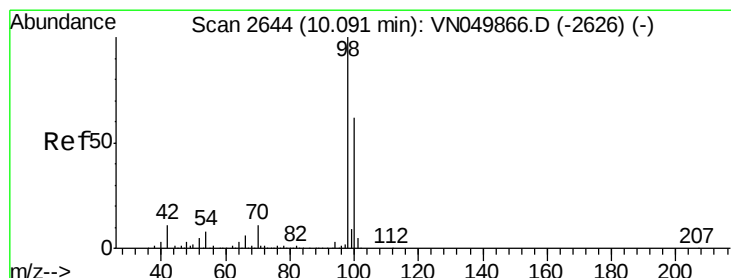
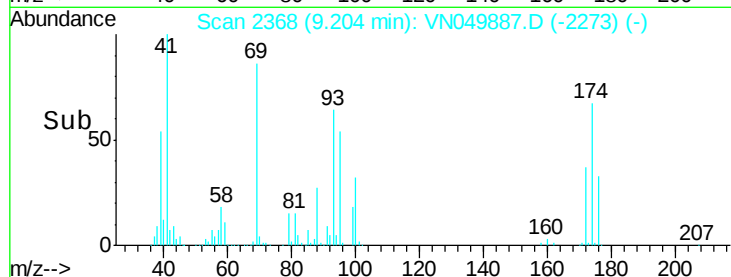
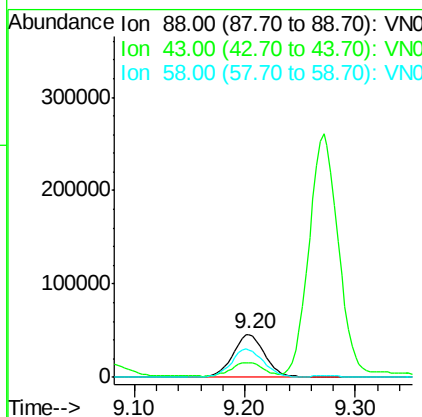
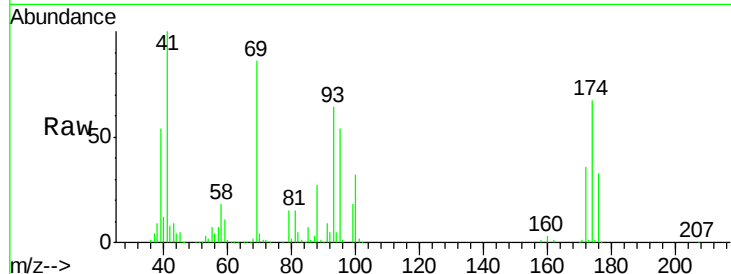
#49
1,4-Dioxane
Concen: 1090.35 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	92134
Ion	Ratio	Lower	Upper
88	100		
43	31.2	25.1	37.7
58	67.2	52.5	78.7

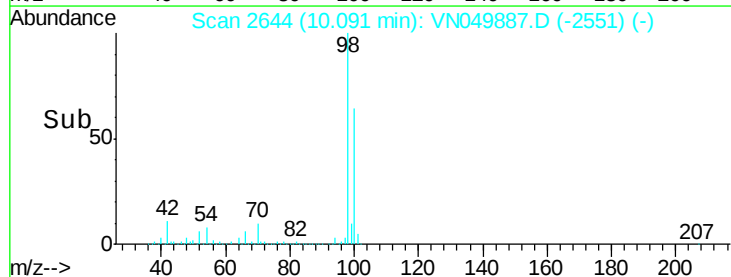
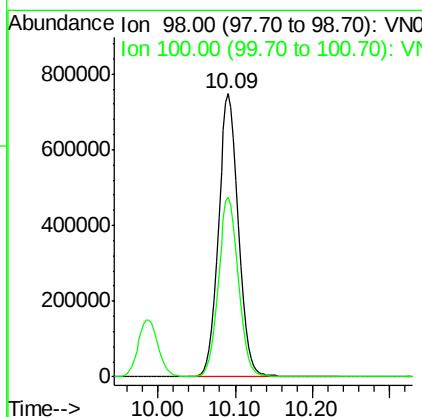
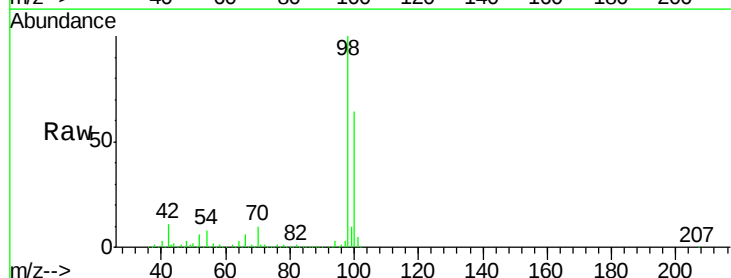
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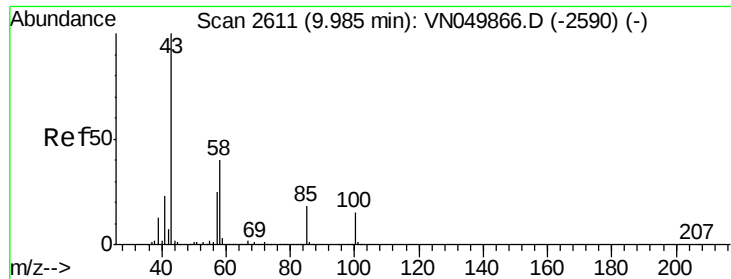
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#50
Toluene-d8
Concen: 49.55 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion	98	Resp	1349309
Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.7	77.5





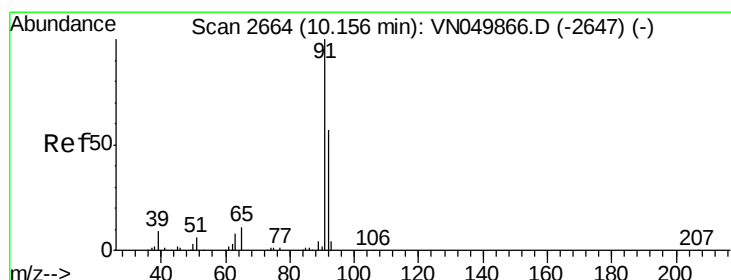
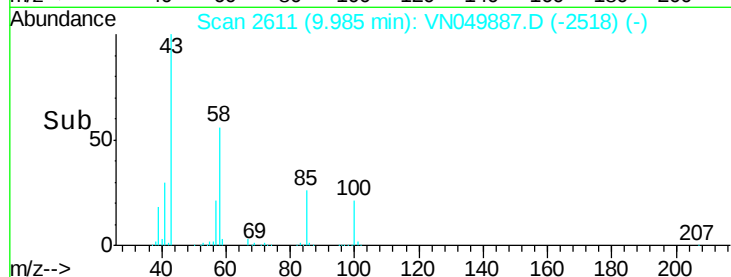
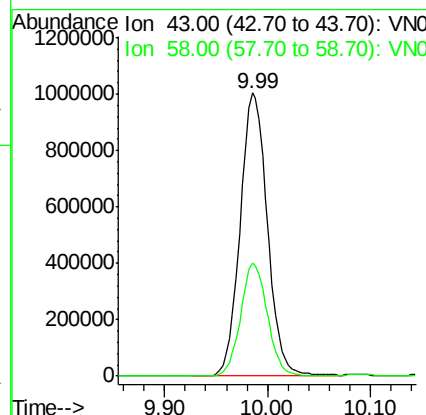
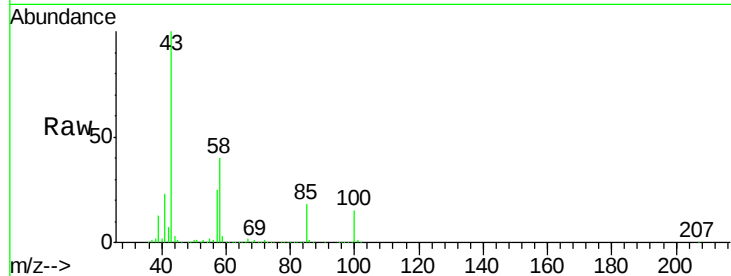
#51
4-Methyl-2-Pentanone
Concen: 278.13 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1846242
Ion Ratio Lower Upper
43 100
58 39.4 31.8 47.8

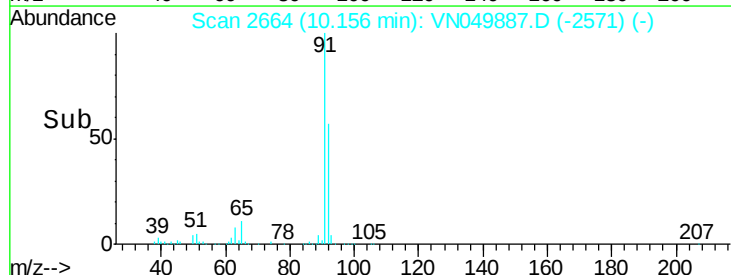
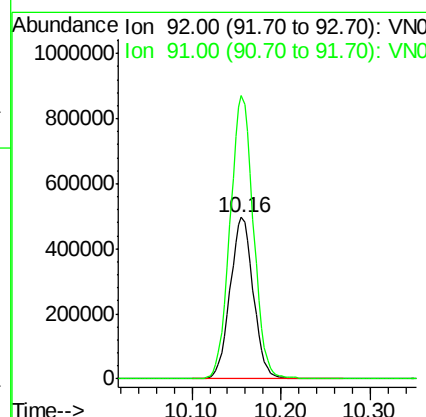
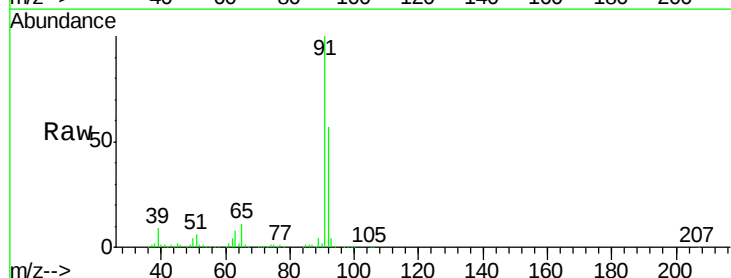
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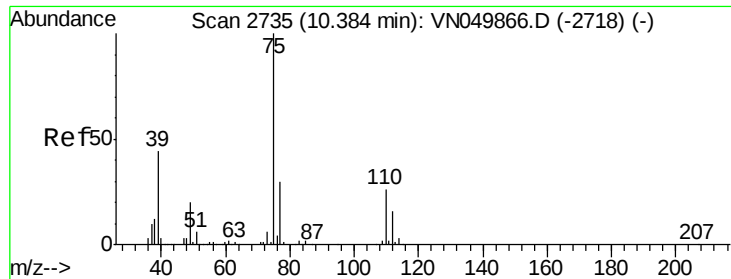
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#52
Toluene
Concen: 49.63 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion: 92 Resp: 893187
Ion Ratio Lower Upper
92 100
91 176.8 140.1 210.1





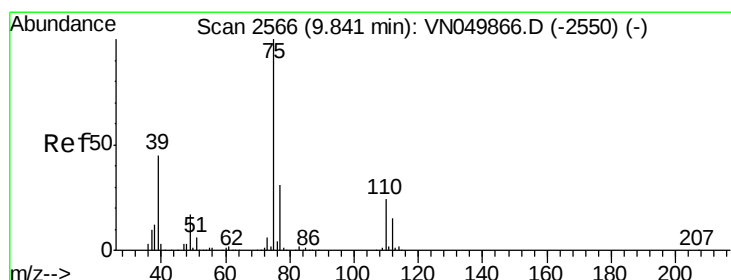
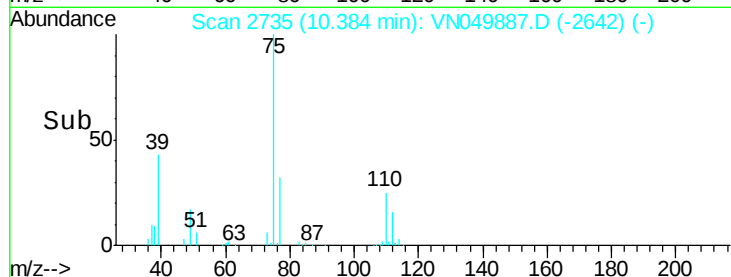
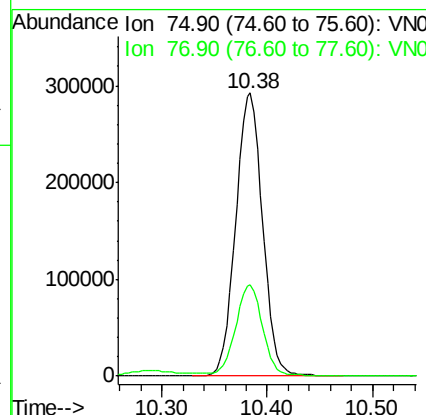
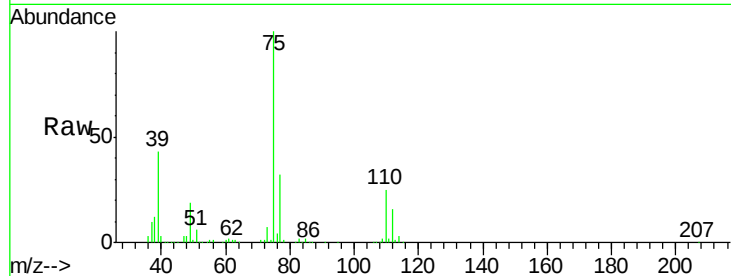
#53
t-1,3-Dichloropropene
Concen: 49.99 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 515953
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8

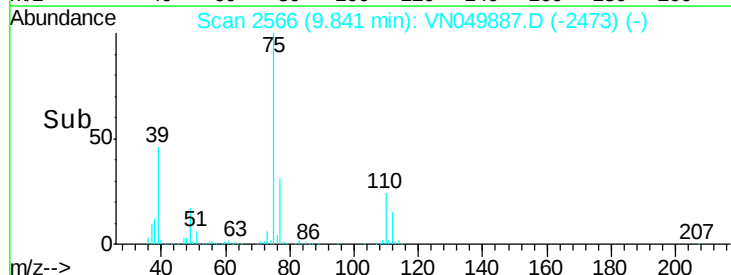
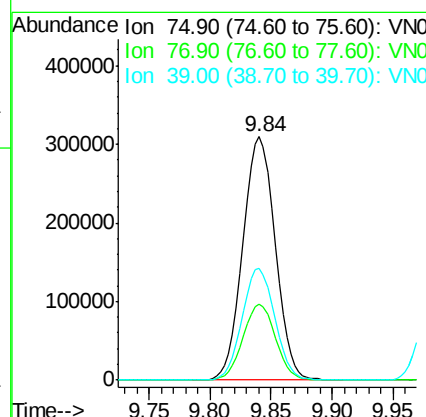
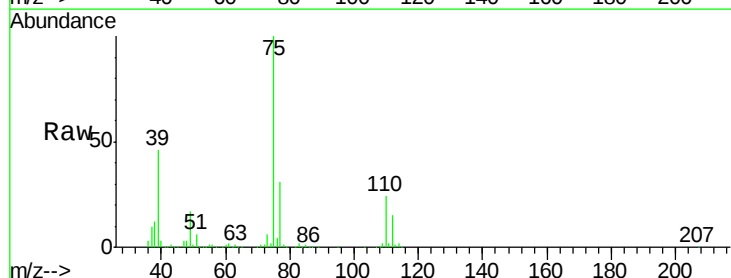
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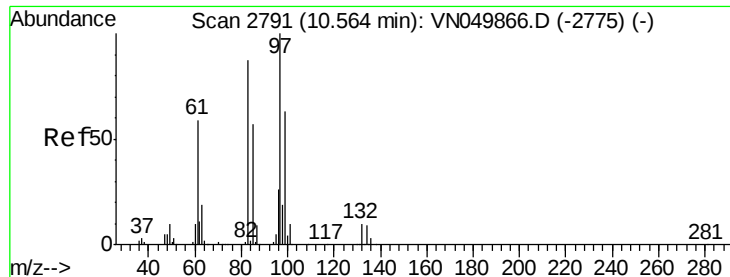
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#54
cis-1,3-Dichloropropene
Concen: 49.87 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion: 75 Resp: 568861
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9
39 46.1 35.5 53.3





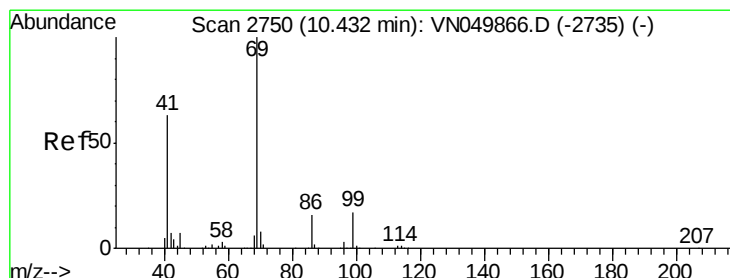
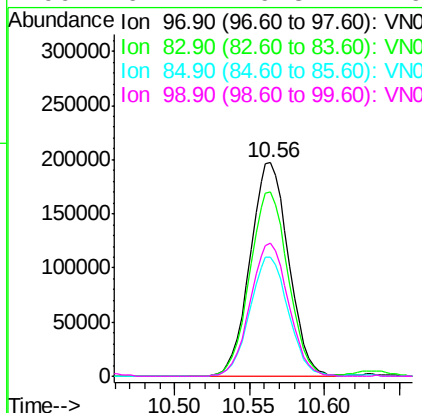
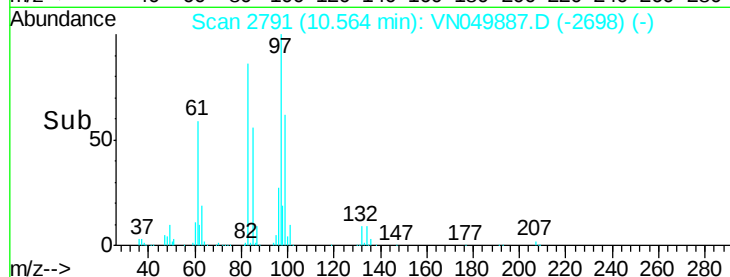
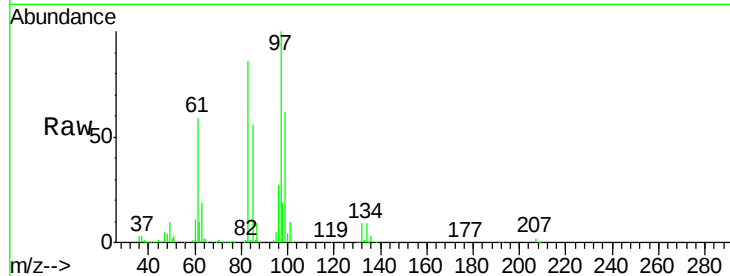
#55
 1,1,2-Trichloroethane
 Concen: 47.38 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	352221
Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.0	103.6
85	55.8	44.9	67.3
99	62.2	49.8	74.6

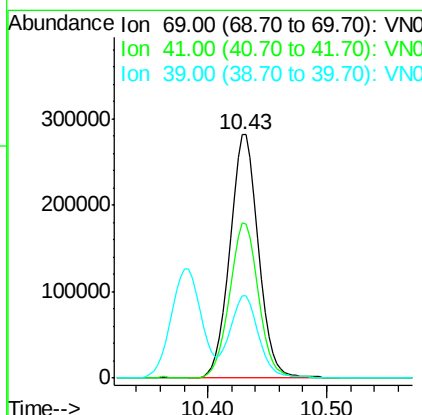
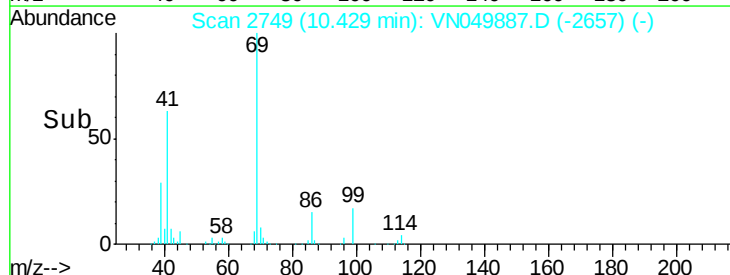
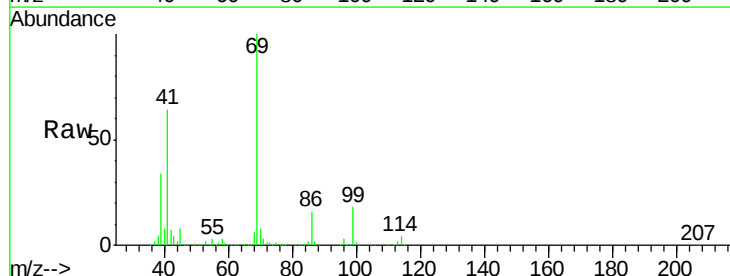
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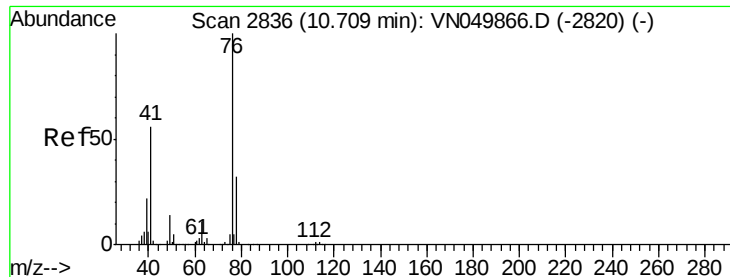
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#56
 Ethyl methacrylate
 Concen: 47.15 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Tgt Ion:	69	Resp:	469382
Ion	Ratio	Lower	Upper
69	100		
41	63.6	51.6	77.4
39	34.0	25.8	38.8





#57

1,3-Dichloropropane

Concen: 49.59 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 580541

Ion Ratio Lower Upper

76 100

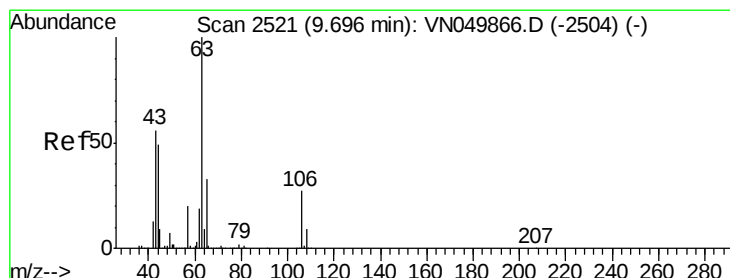
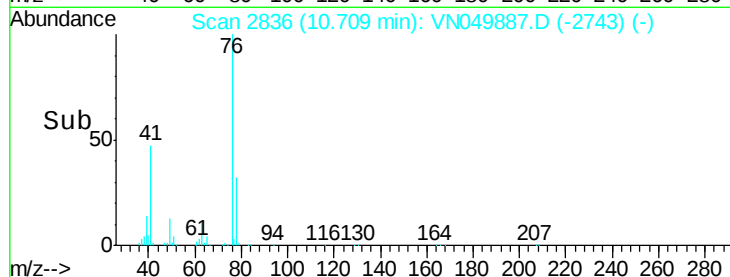
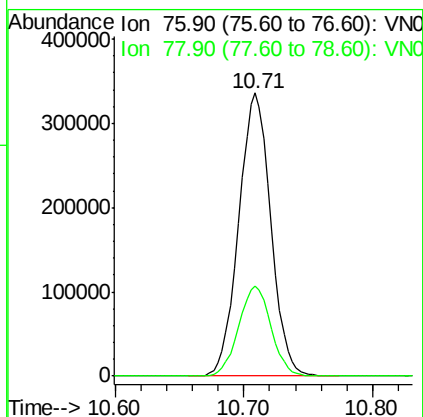
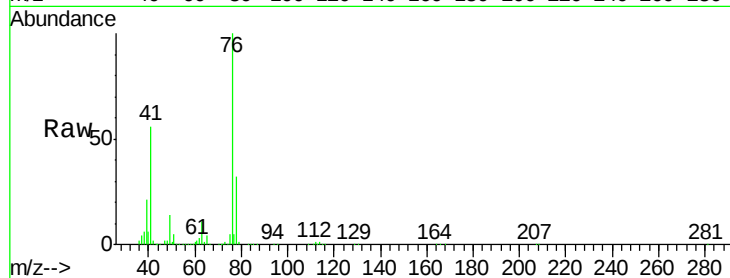
78 32.2 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 299.20 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049887.D

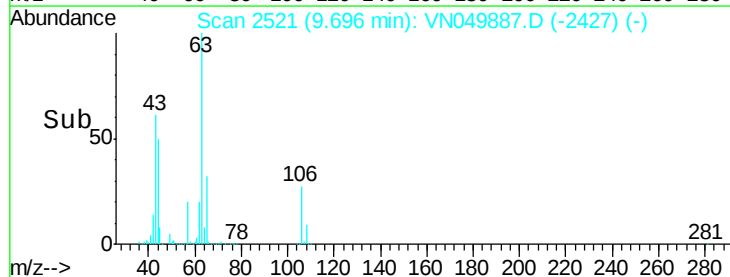
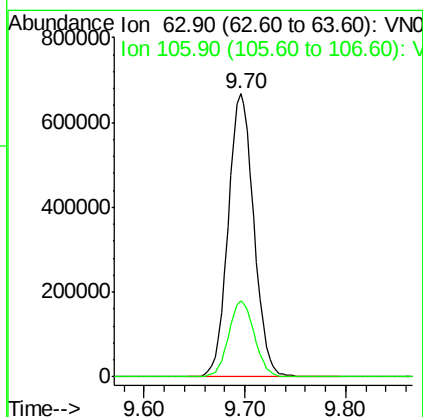
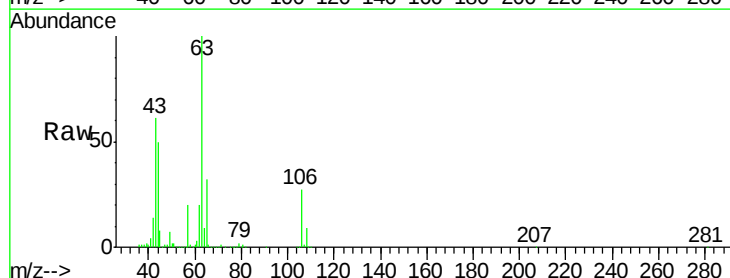
Acq: 18 Jul 2018 21:57

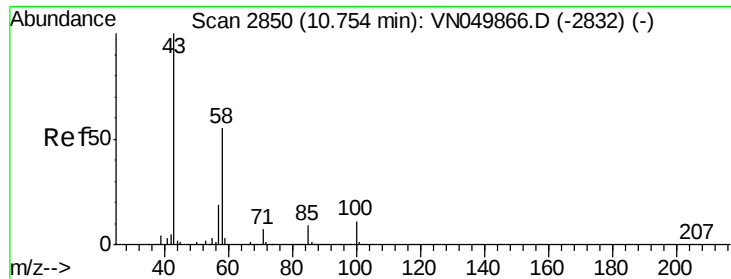
Tgt Ion: 63 Resp: 1184899

Ion Ratio Lower Upper

63 100

106 26.9 21.8 32.8





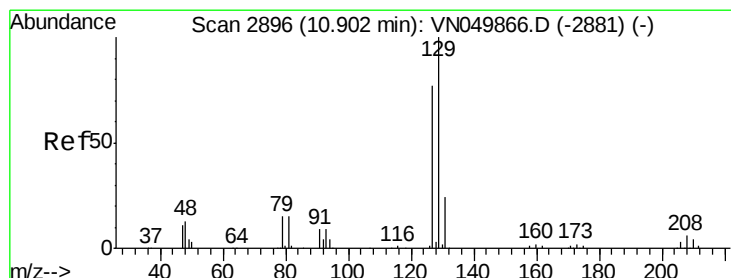
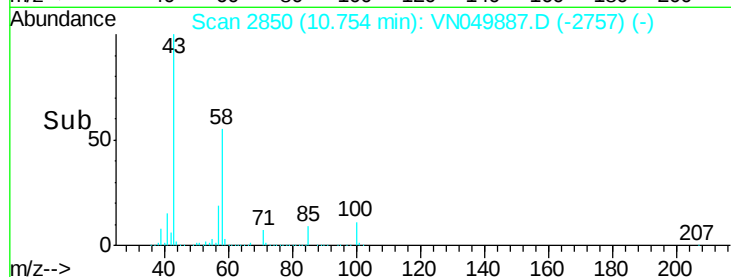
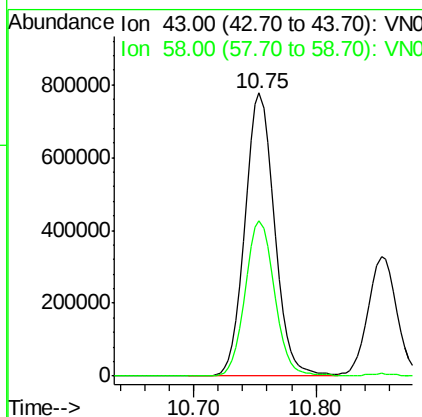
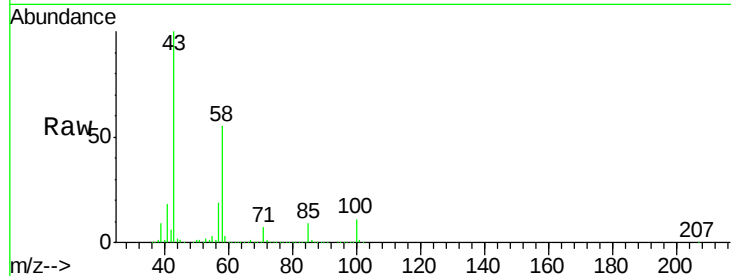
#59
2-Hexanone
Concen: 289.01 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1288591
Ion Ratio Lower Upper
43 100
58 54.7 27.8 83.4

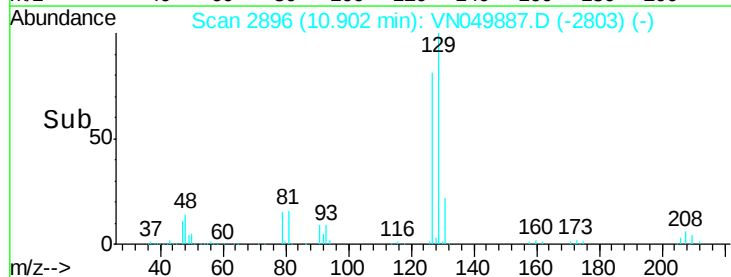
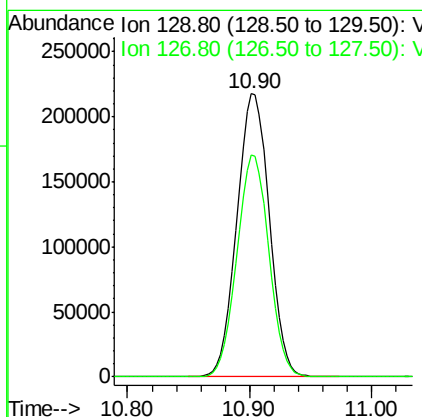
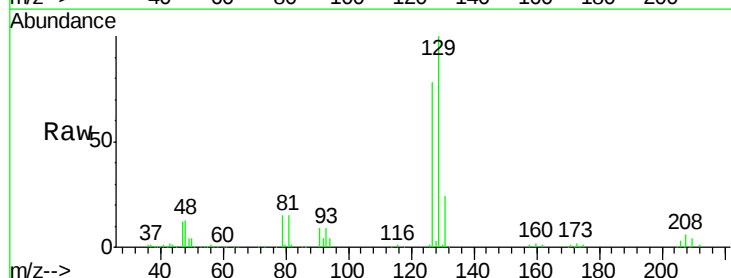
Manual Integrations
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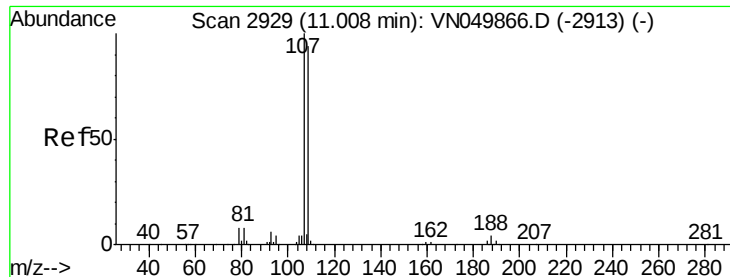
apatel
7/19/2018 4:30:00 PM



#60
Dibromochloromethane
Concen: 49.10 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion: 129 Resp: 400260
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.9





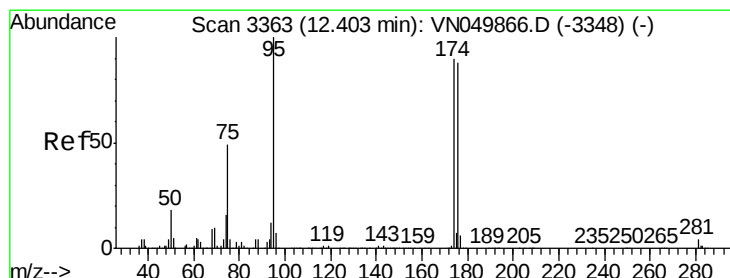
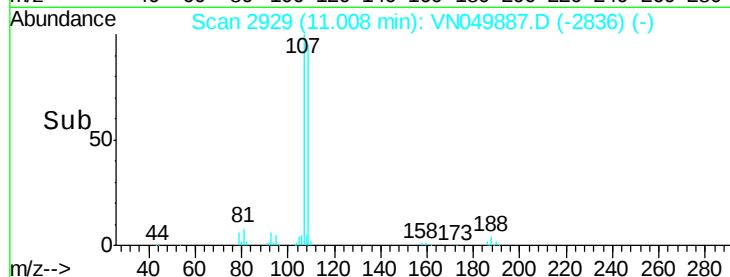
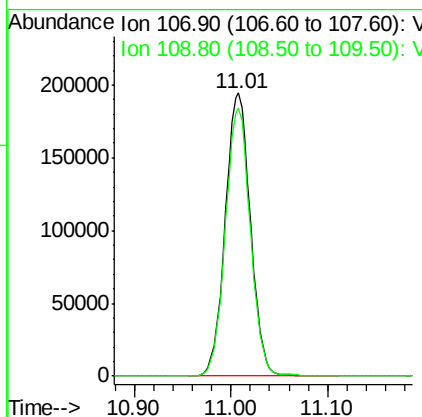
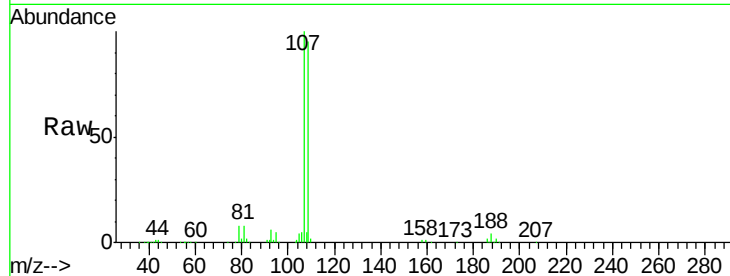
#61
 1,2-Dibromoethane
 Concen: 50.51 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 350839
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.0 112.6

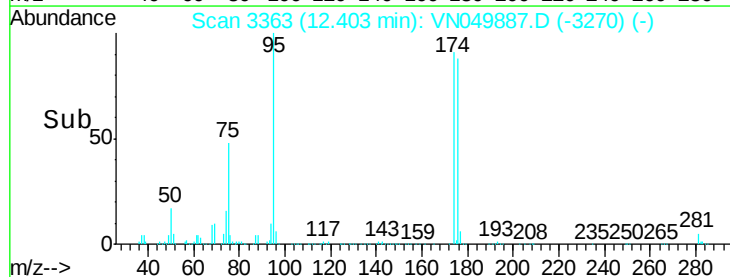
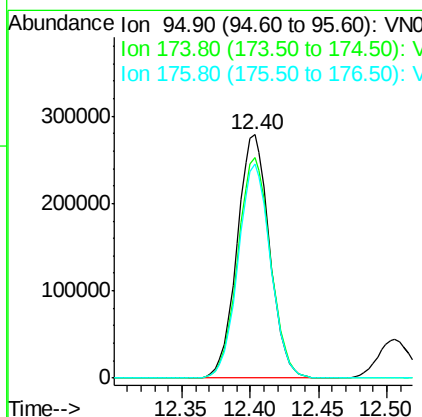
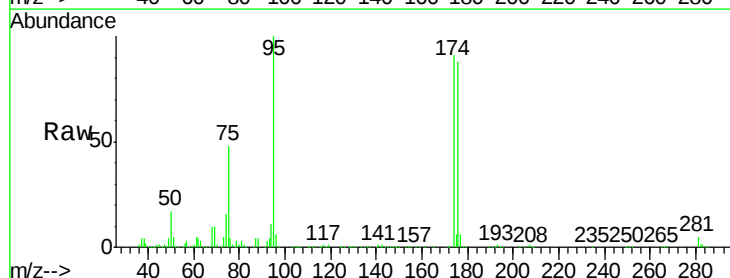
Manual Integrations
 APPROVED

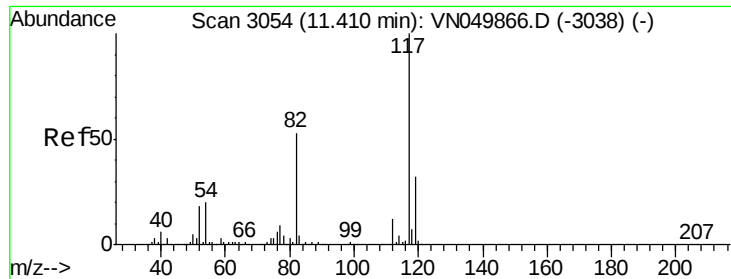
apatel
 7/19/2018 4:30:00 PM



#62
 4-Bromofluorobenzene
 Concen: 49.10 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Tgt Ion: 95 Resp: 460458
 Ion Ratio Lower Upper
 95 100
 174 91.3 0.0 179.6
 176 87.7 0.0 174.0





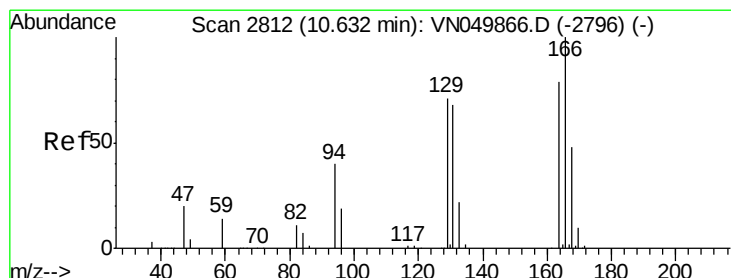
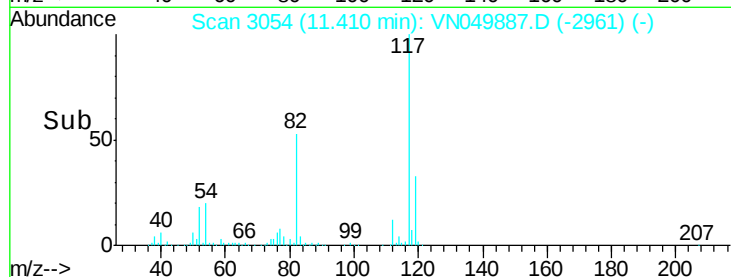
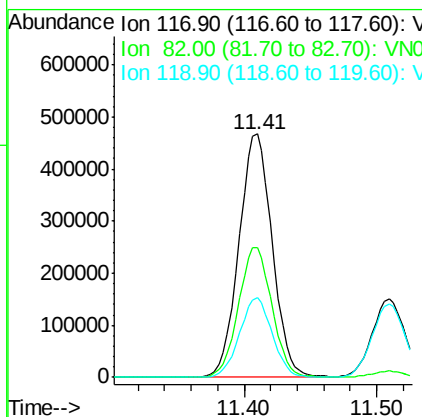
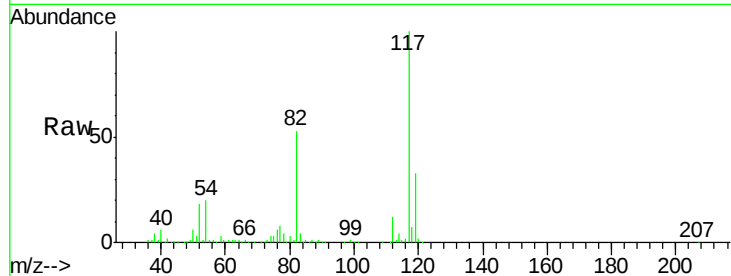
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	41.9	62.9
119	32.5	25.4	38.2

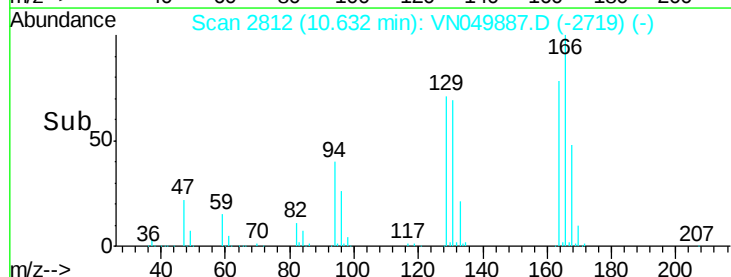
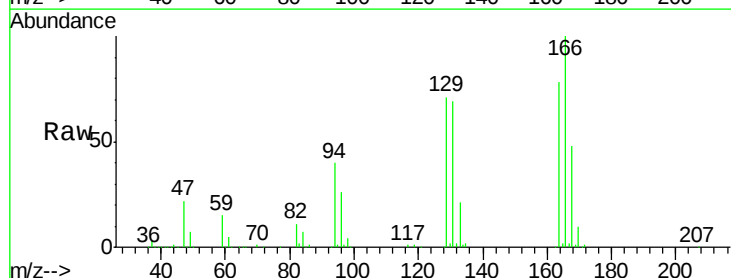
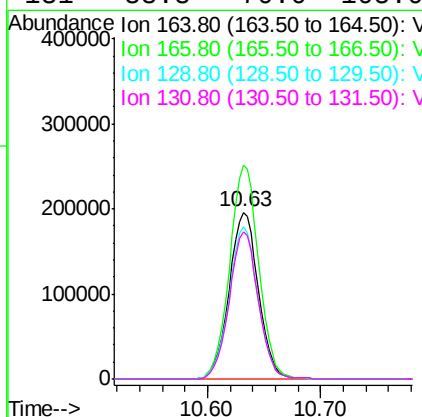
Manual Integrations
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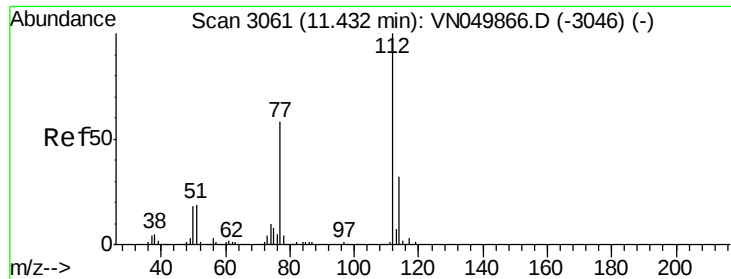
apatel
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#64
Tetrachloroethene
Concen: 47.86 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	101.8	152.6
129	91.4	72.8	109.2
131	88.8	70.0	105.0





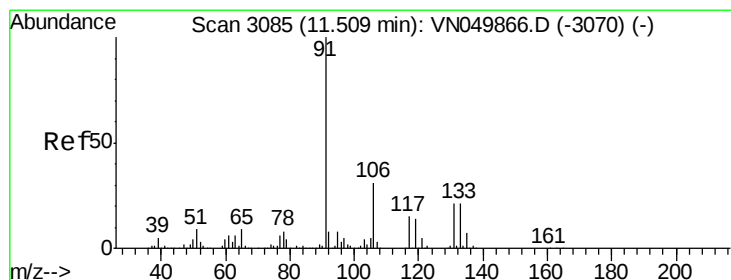
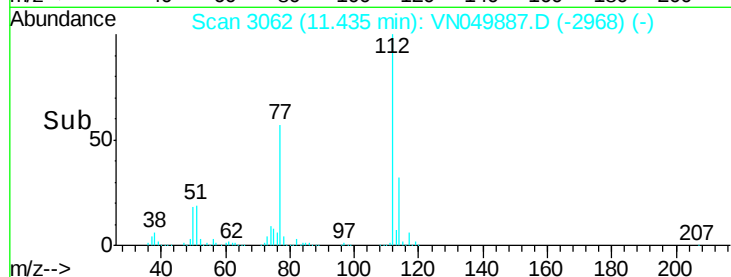
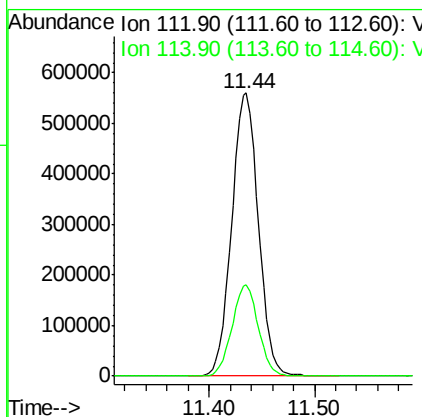
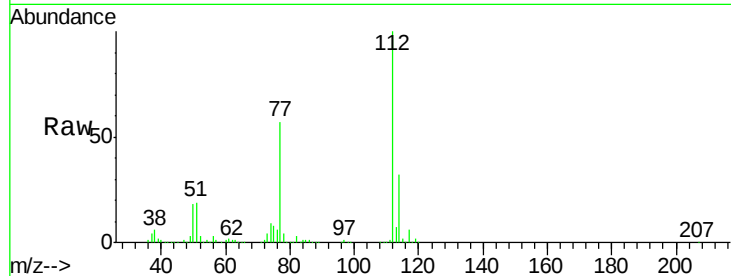
#65
Chlorobenzene
Concen: 47.69 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 978933
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0

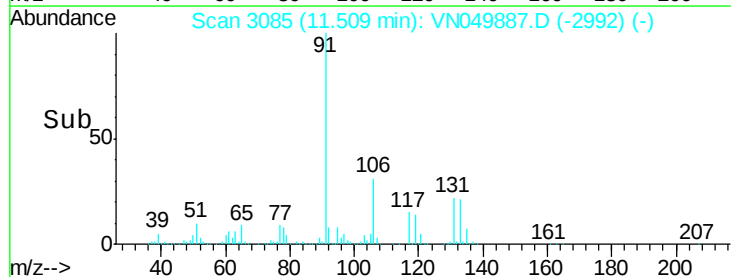
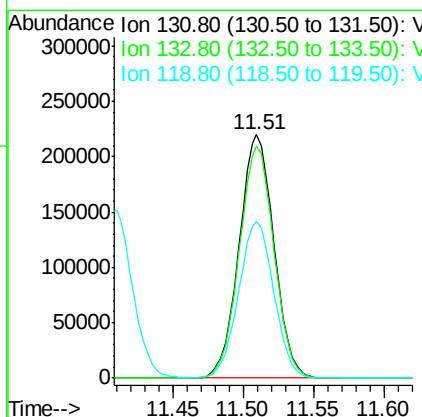
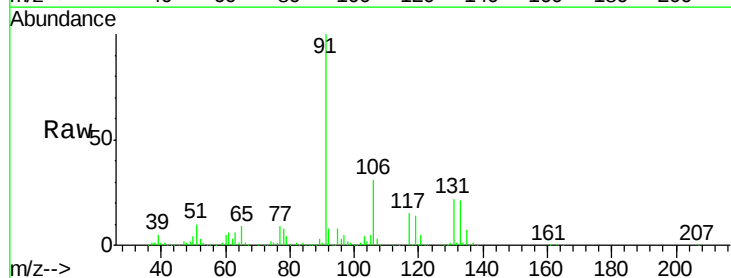
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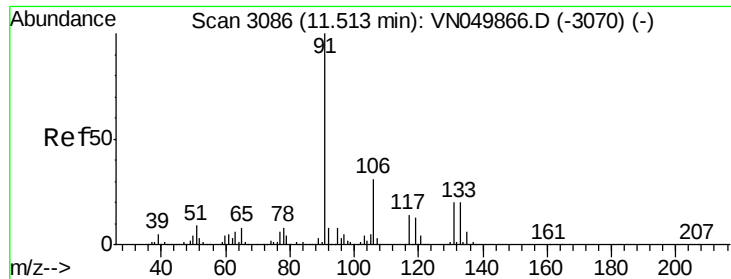
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.74 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion:131 Resp: 379615
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 65.3 33.1 99.3





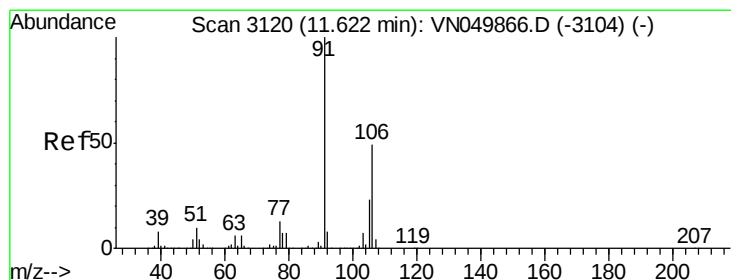
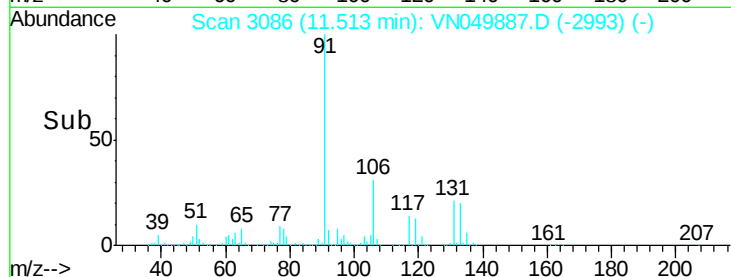
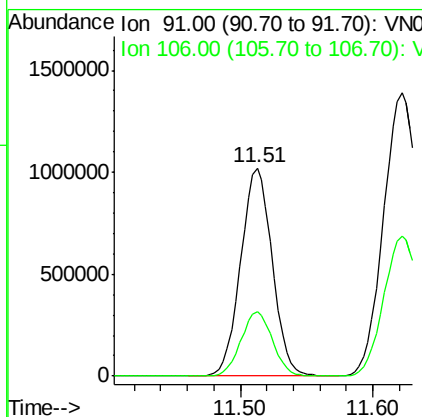
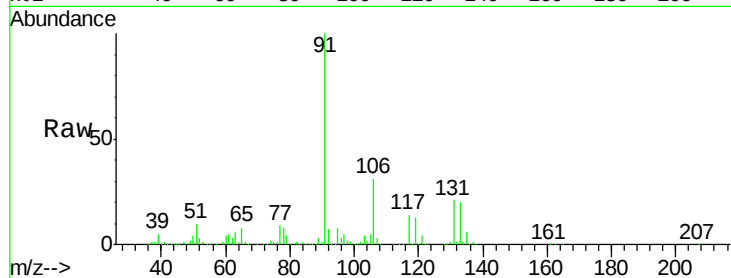
#67
Ethyl Benzene
Concen: 50.75 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1689914
Ion Ratio Lower Upper
91 100
106 31.1 24.8 37.2

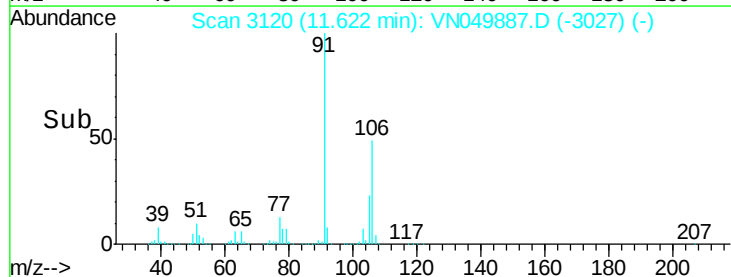
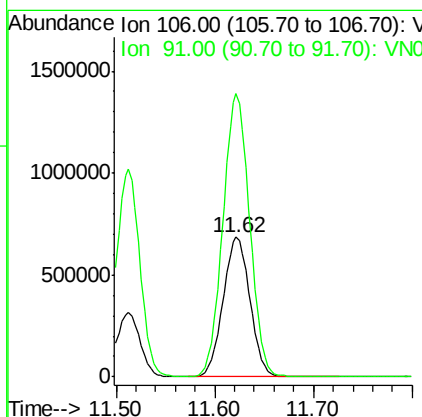
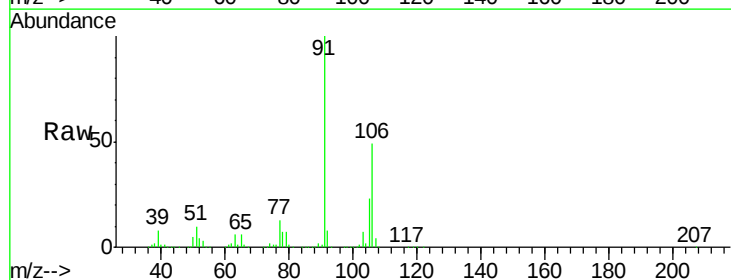
Manual Integrations
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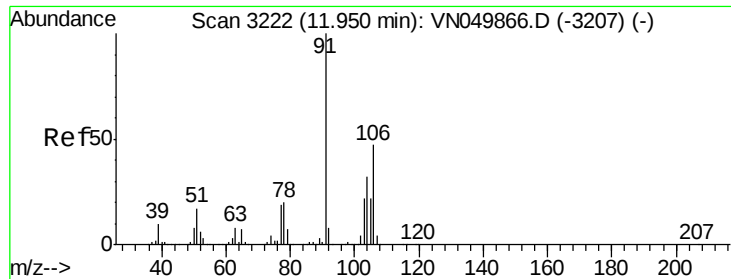
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#68
m/p-Xylenes
Concen: 103.89 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion: 106 Resp: 1309623
Ion Ratio Lower Upper
106 100
91 201.4 163.4 245.2





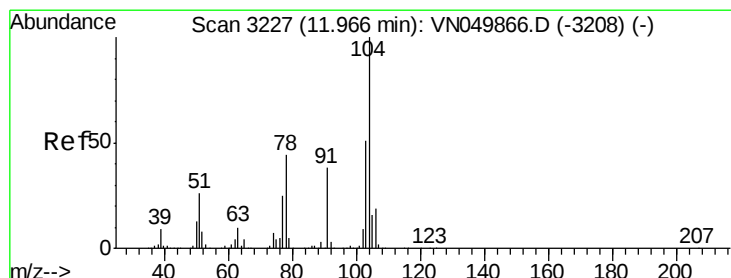
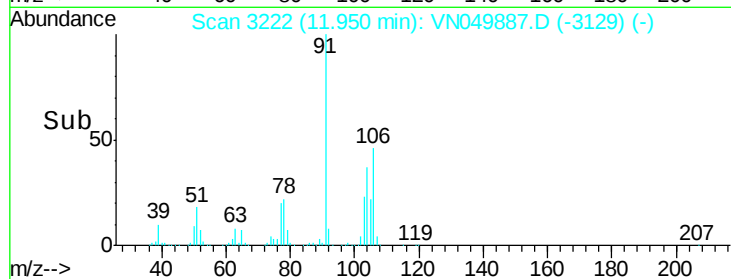
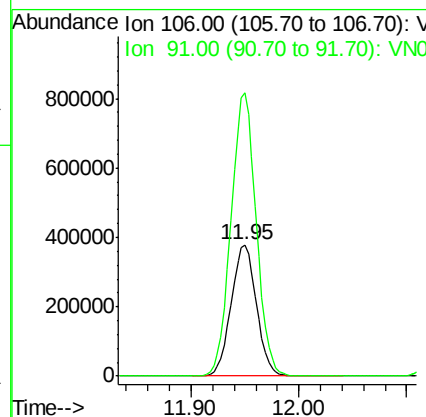
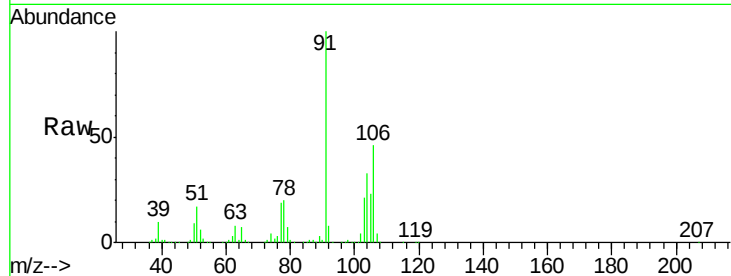
#69
o-Xylene
Concen: 51.13 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.9	108.7	326.1

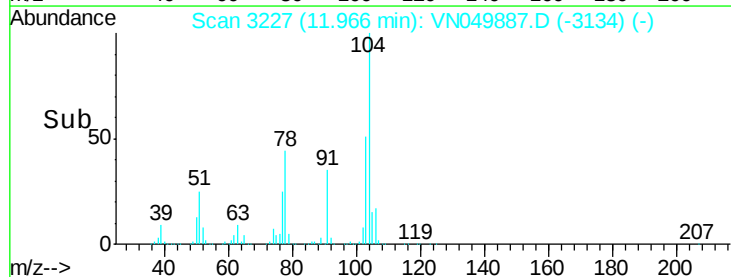
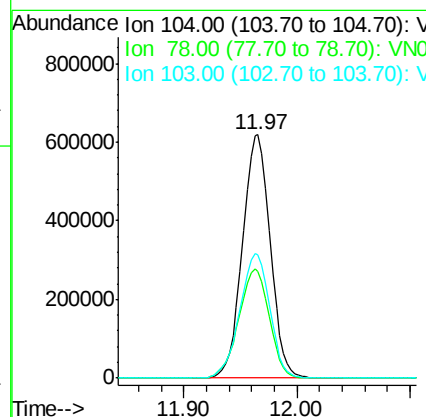
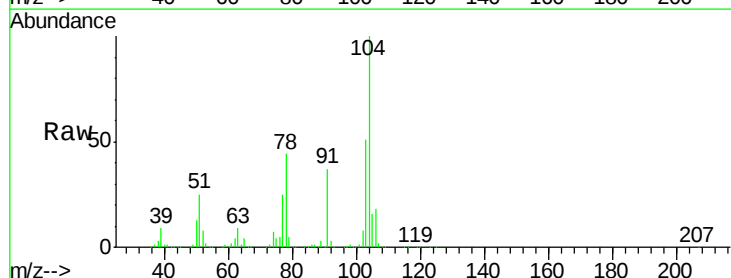
Manual Integrations
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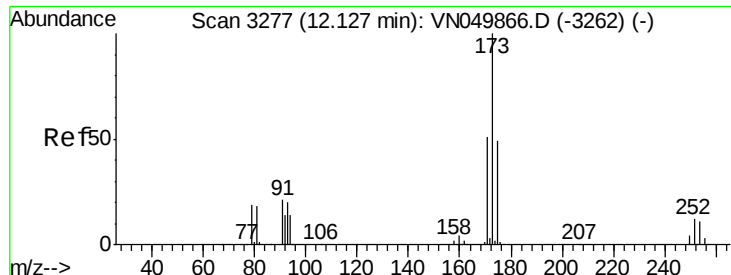
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#70
Styrene
Concen: 54.01 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.2	39.2	58.8
103	55.4	44.6	67.0





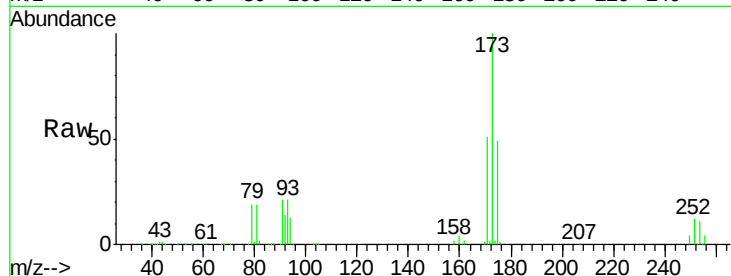
#71
Bromoform
Concen: 51.78 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

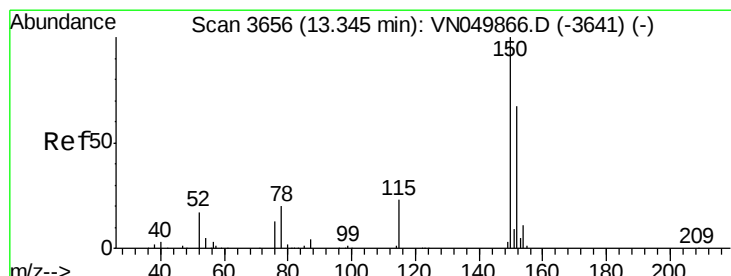
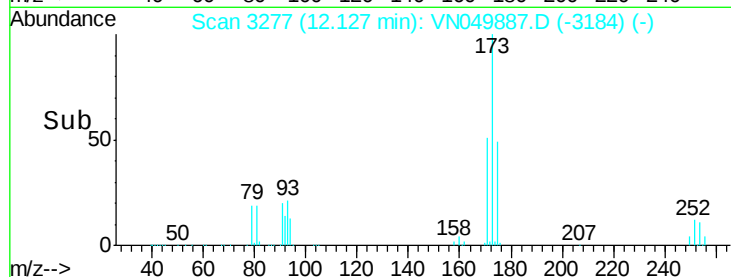
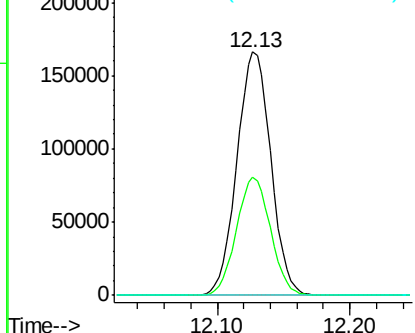
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.6	73.8
254	0.1	0.2	0.2#

Manual Integrations
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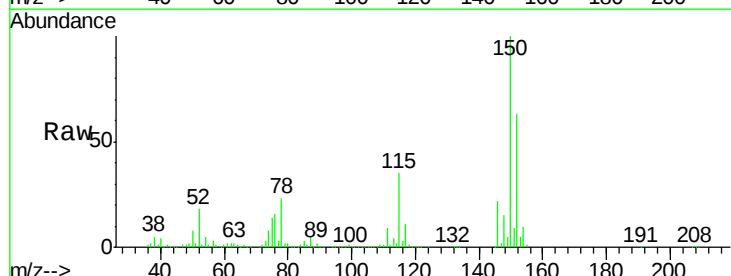


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

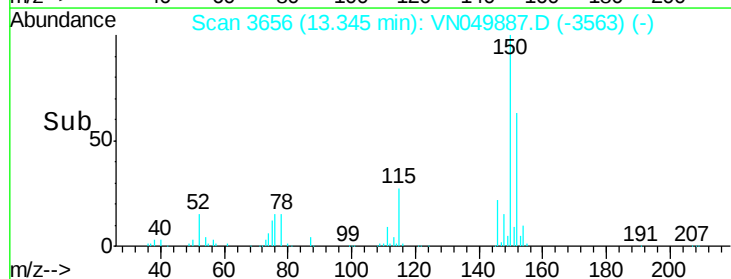
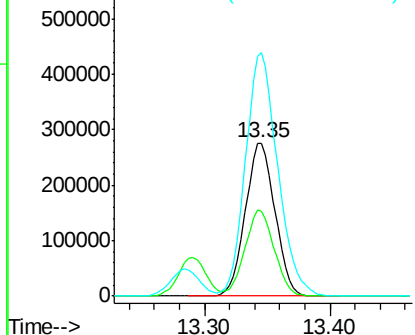


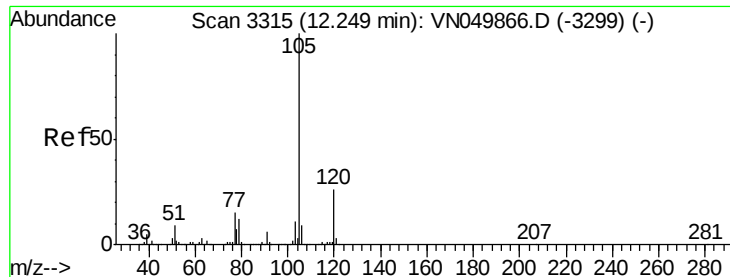
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.1	84.2
150	173.3	0.0	347.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.63 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1672691

Ion Ratio Lower Upper

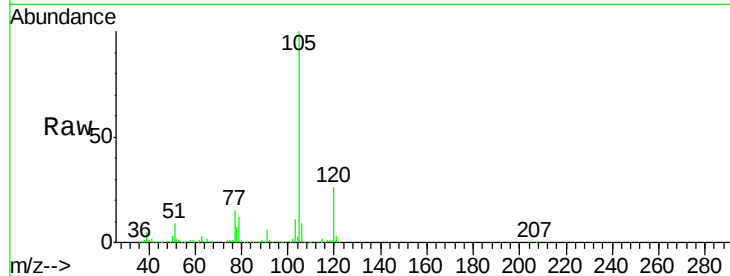
105 100

120 26.3 13.3 39.8

Manual Integrations
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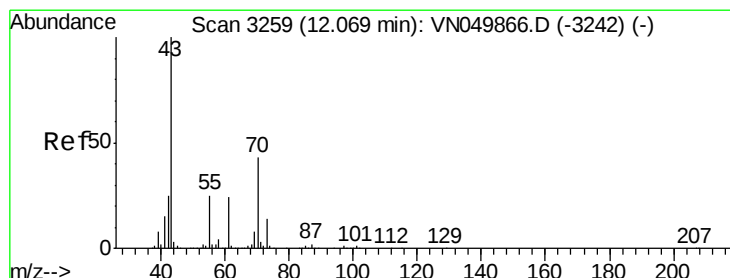
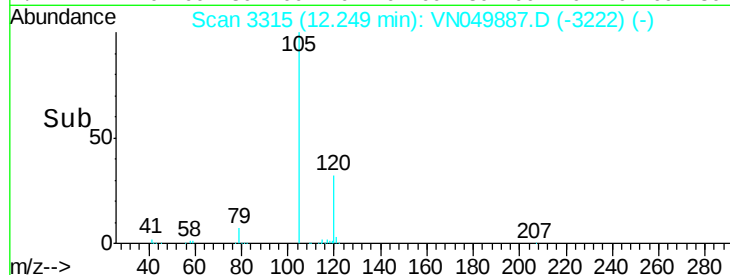
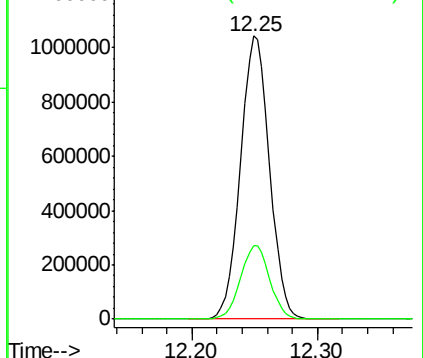
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.86 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Tgt Ion: 43 Resp: 542931

Ion Ratio Lower Upper

43 100

70 42.9 34.8 52.2

55 26.4 20.9 31.3

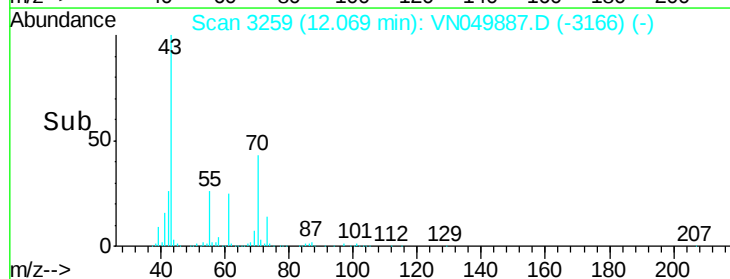
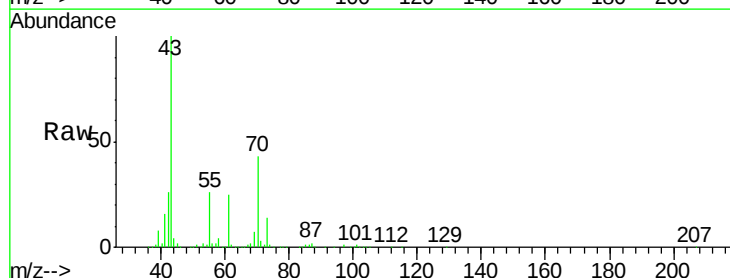
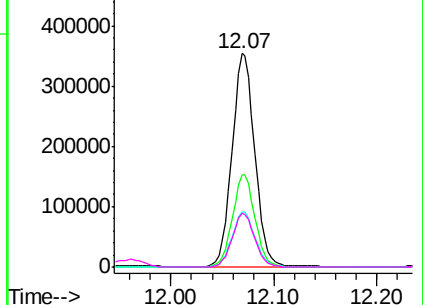
61 25.0 19.9 29.9

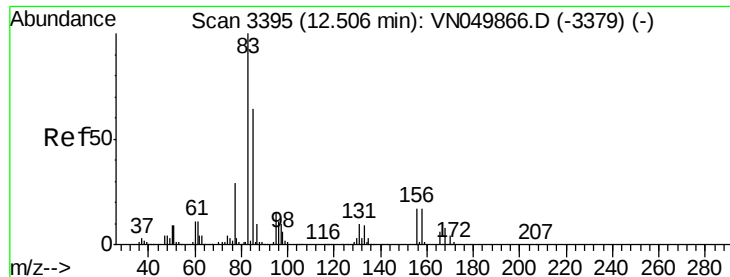
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 46.62 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 480432
Ion Ratio Lower Upper

83 100

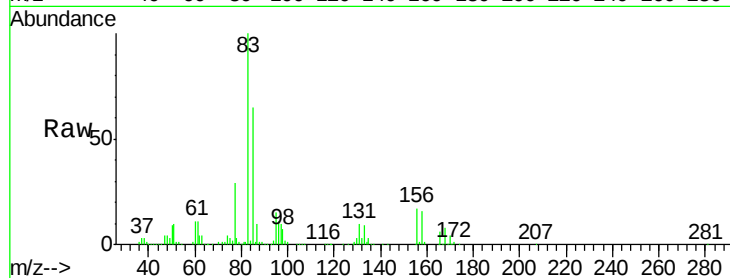
131 10.3 5.2 15.6

85 64.5 32.5 97.4

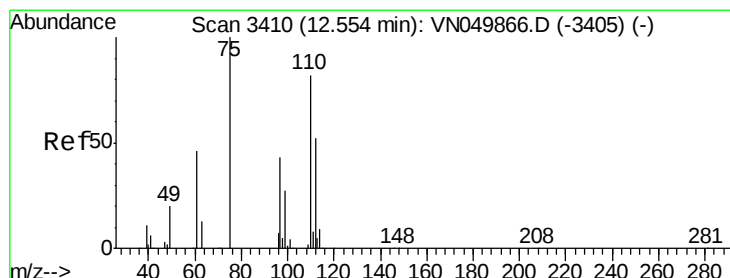
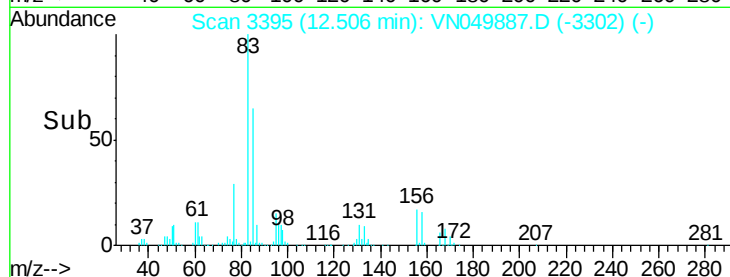
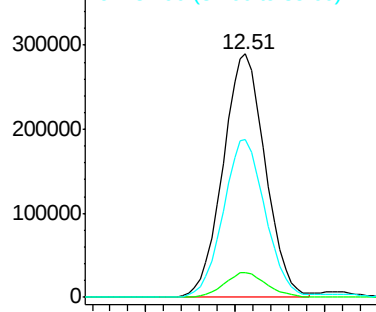
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Abundance Ion 82.90 (82.60 to 83.60): VNC
Ion 130.80 (130.50 to 131.50): VNC
Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 47.45 ug/l m

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

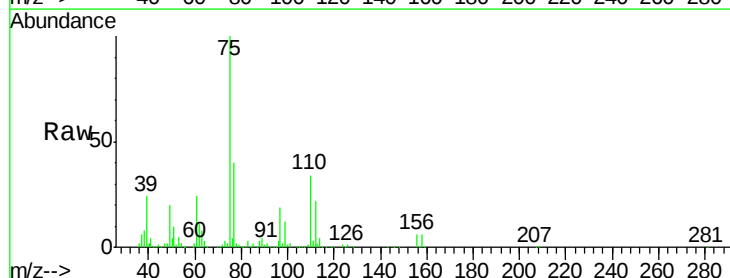
Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

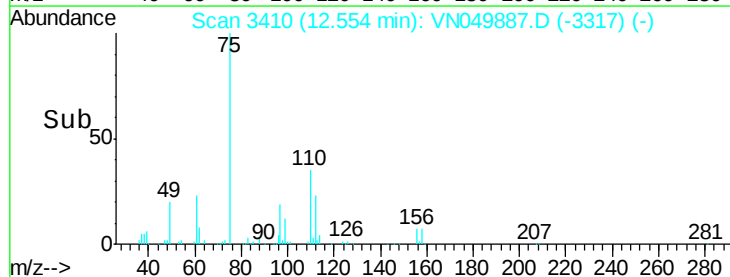
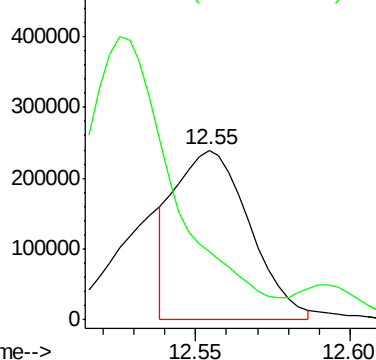
Tgt Ion: 75 Resp: 403032
Ion Ratio Lower Upper

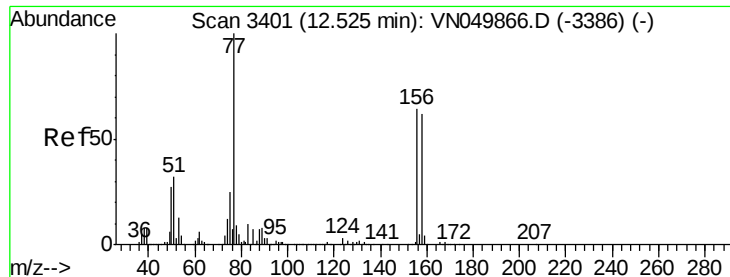
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNC
Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 46.52 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 441898

Ion Ratio Lower Upper

156 100

77 186.1 90.2 270.6

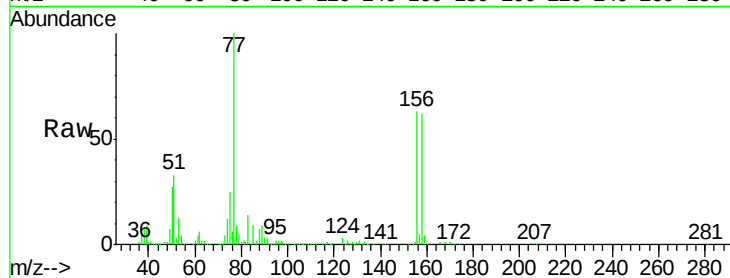
158 97.4 49.1 147.3

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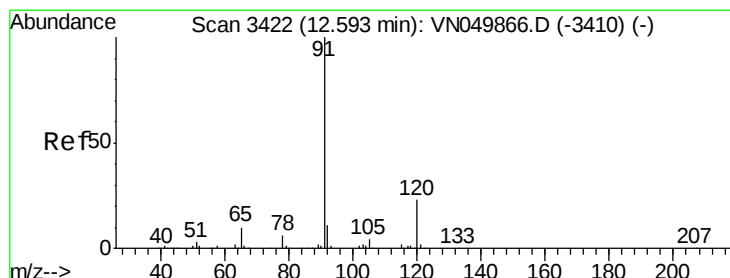
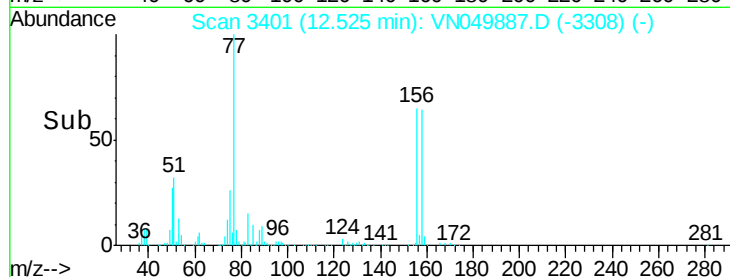
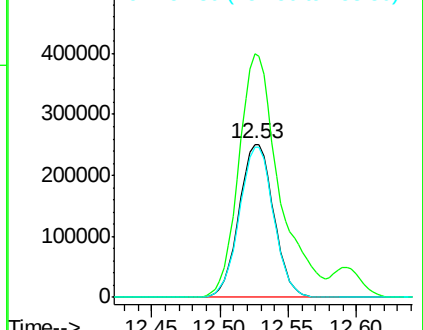
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.64 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049887.D

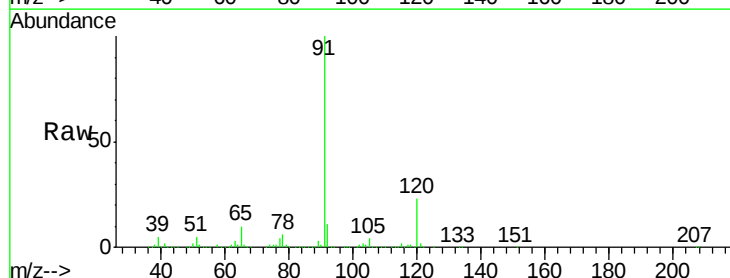
Acq: 18 Jul 2018 21:57

Tgt Ion: 91 Resp: 1941264

Ion Ratio Lower Upper

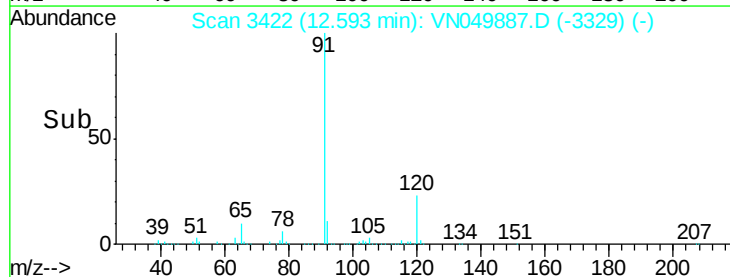
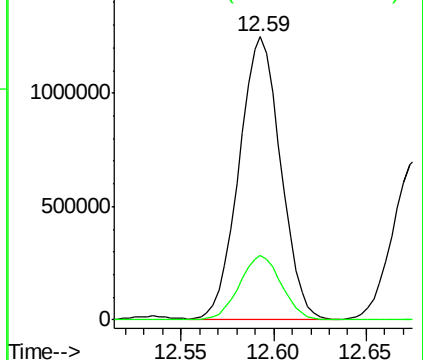
91 100

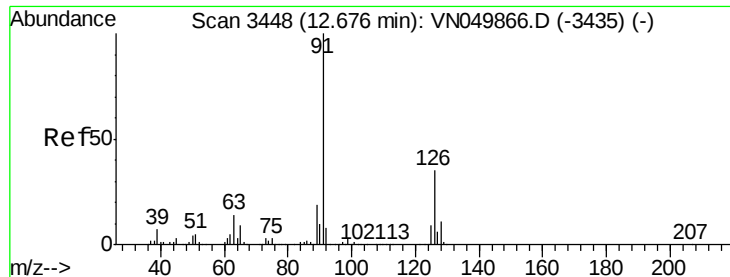
120 22.9 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.90 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1150198

Ion Ratio Lower Upper

91 100

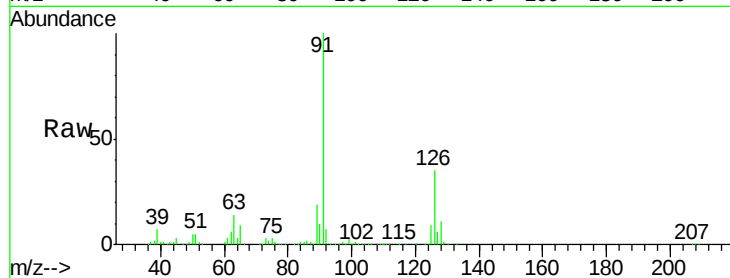
126 35.0 17.5 52.5

Manual Integrations

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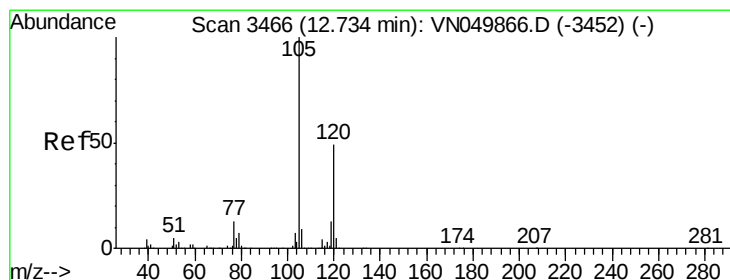
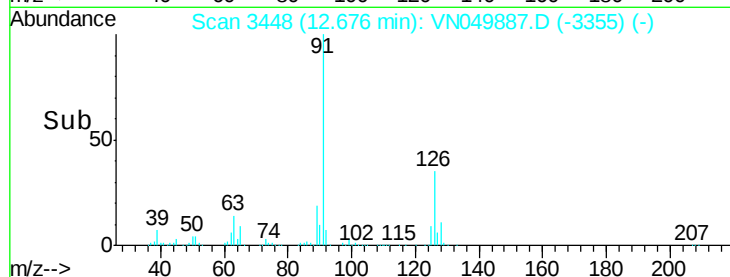
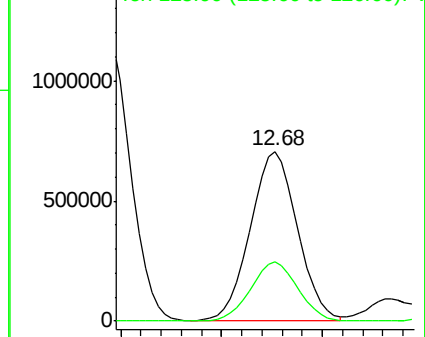
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Abundance Ion 91.00 (90.70 to 91.70): VN049866.D (-3435) (-)

Ion 125.90 (125.60 to 126.60): VN049866.D (-3435) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.50 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049887.D

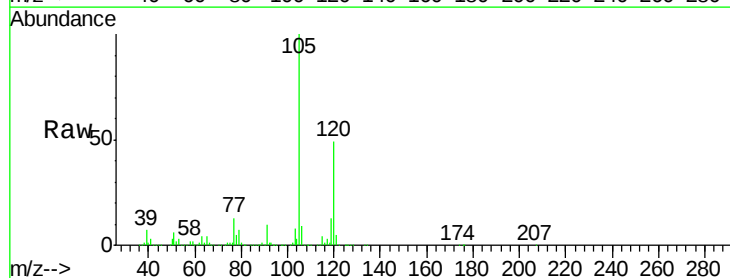
Acq: 18 Jul 2018 21:57

Tgt Ion: 105 Resp: 1392154

Ion Ratio Lower Upper

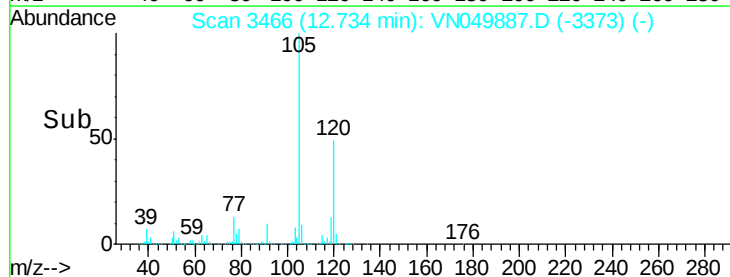
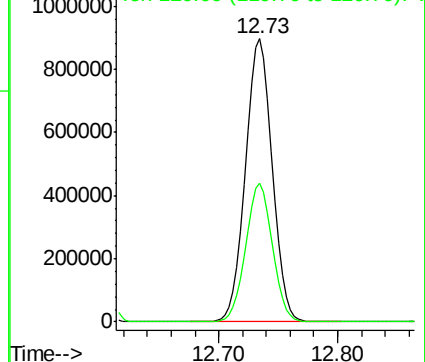
105 100

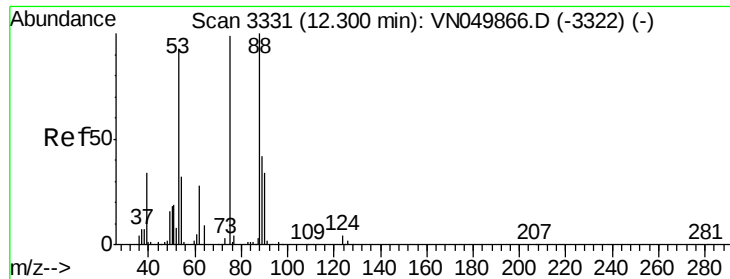
120 48.8 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN049866.D (-3452) (-)

Ion 120.00 (119.70 to 120.70): VN049866.D (-3452) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.51 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

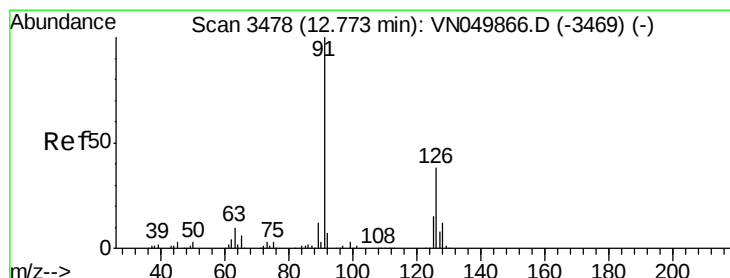
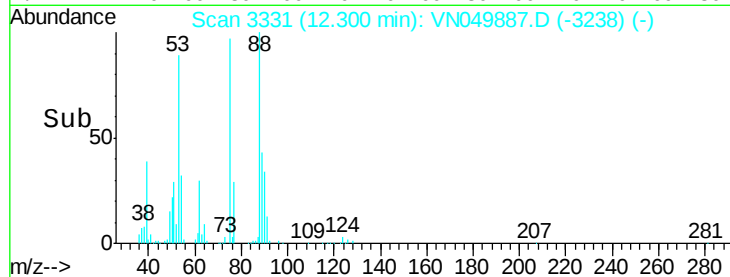
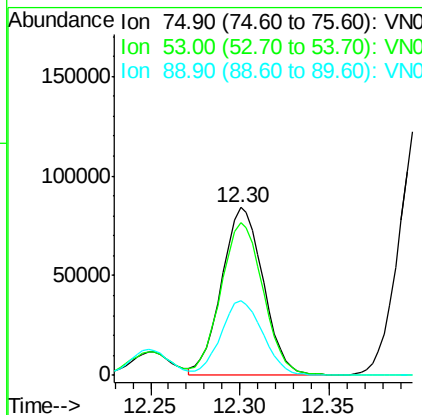
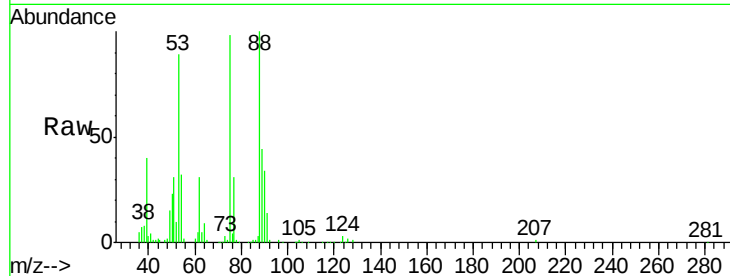
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	137207
Ion Ratio	Lower	Upper	
75	100		
53	92.9	73.9	110.9
89	45.1	35.9	53.9

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#82

4-Chlorotoluene

Concen: 49.19 ug/l

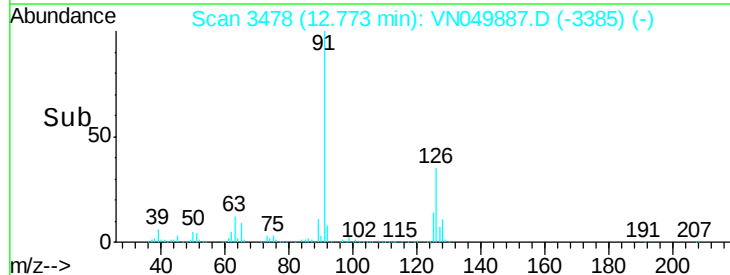
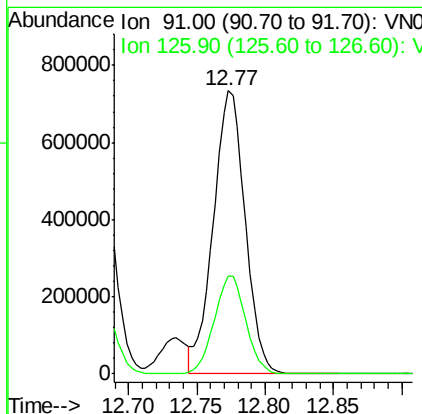
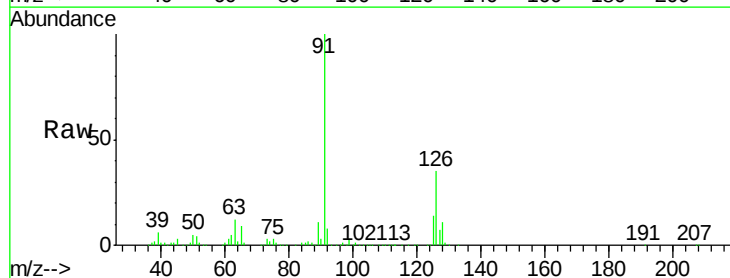
RT: 12.77 min Scan# 3478

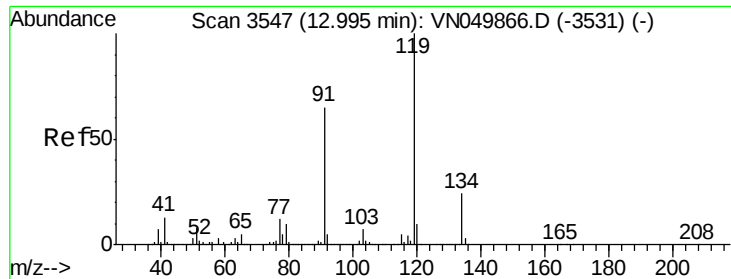
Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Tgt Ion:	91	Resp:	1184825
Ion Ratio	Lower	Upper	
91	100		
126	34.4	17.2	51.6





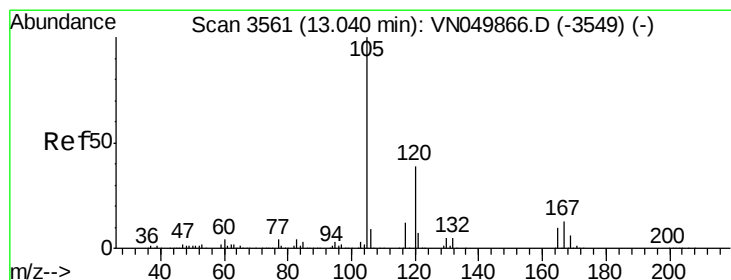
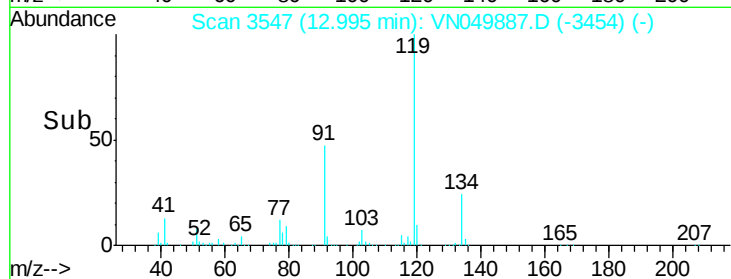
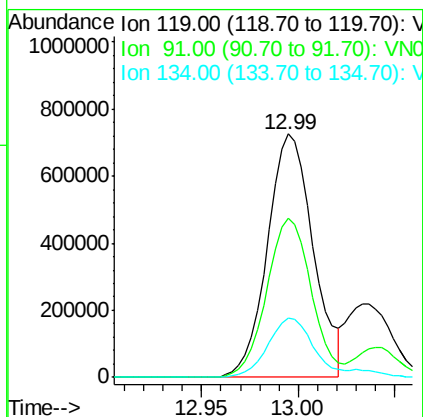
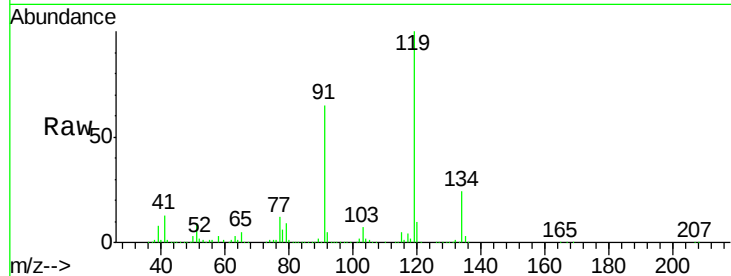
#83
 tert-Butylbenzene
 Concen: 49.32 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 1194178
 Ion Ratio Lower Upper
 119 100
 91 63.9 32.0 96.2
 134 26.2 12.8 38.4

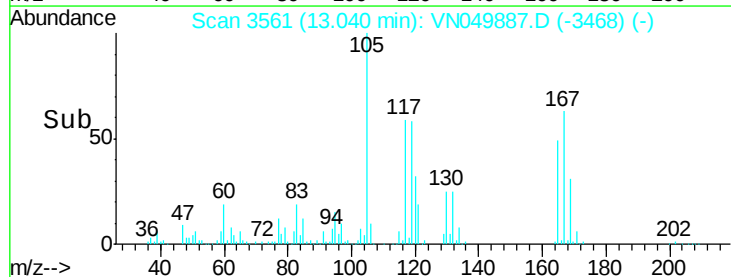
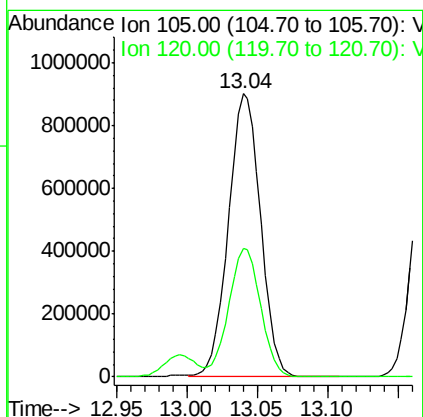
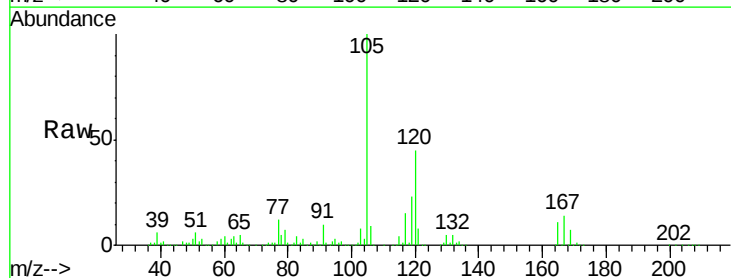
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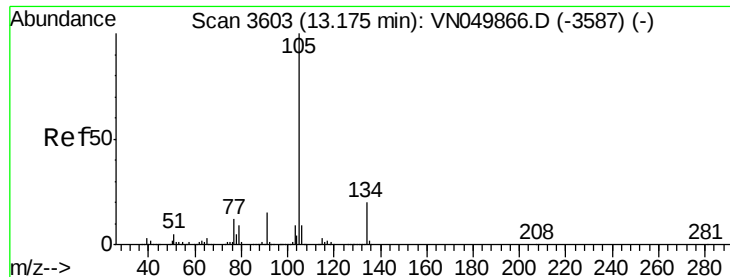
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.26 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Tgt Ion:105 Resp: 1431551
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.7 68.1





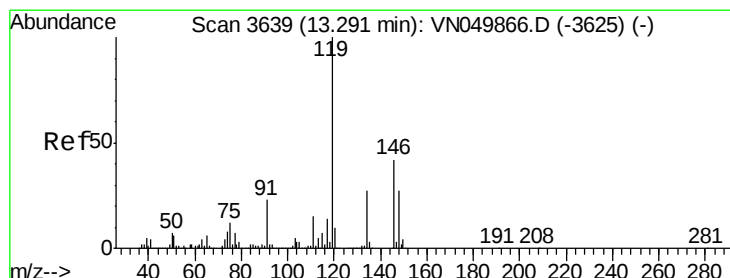
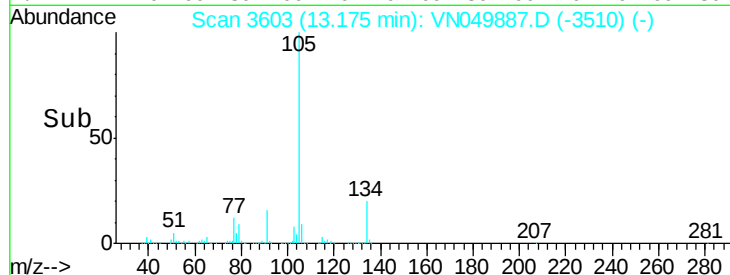
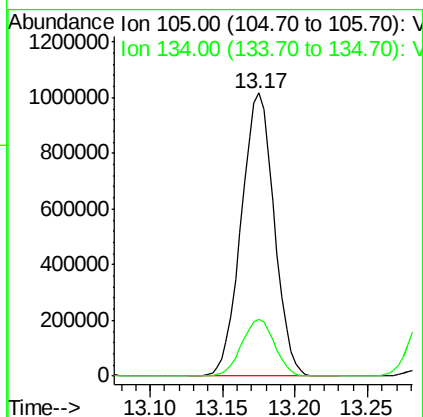
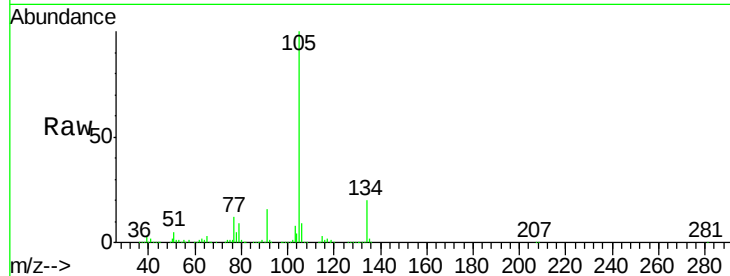
#85
 sec-Butylbenzene
 Concen: 50.06 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 1601621
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1

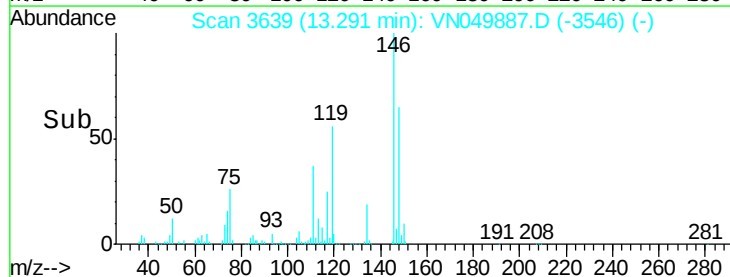
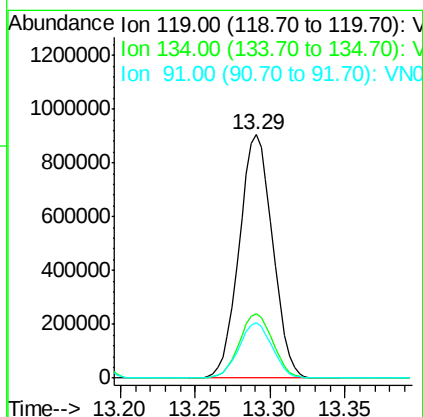
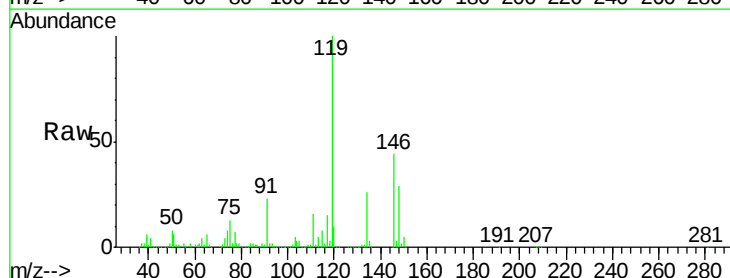
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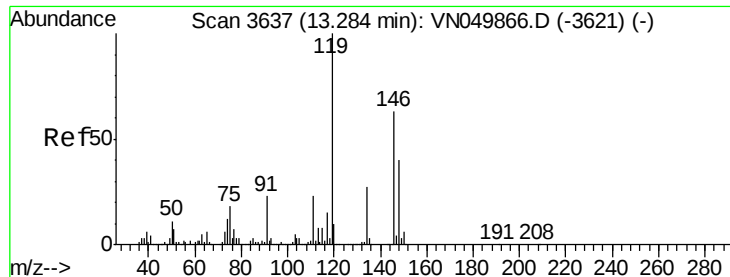
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#86
 p-Isopropyltoluene
 Concen: 51.44 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Tgt Ion:119 Resp: 1403222
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 22.6 11.4 34.1





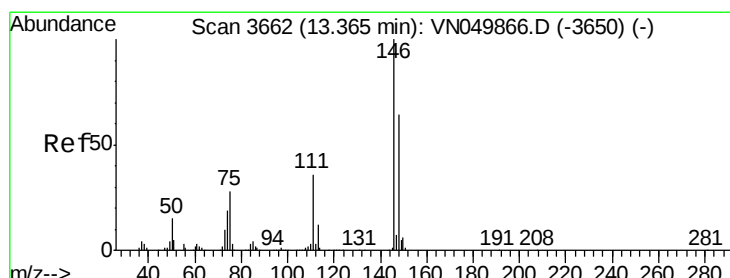
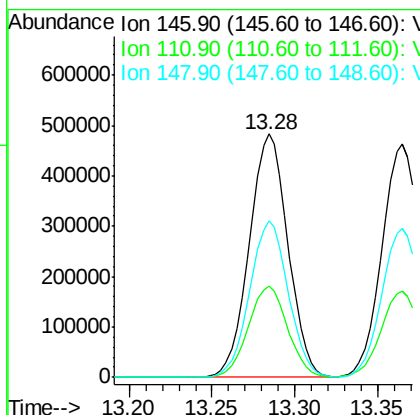
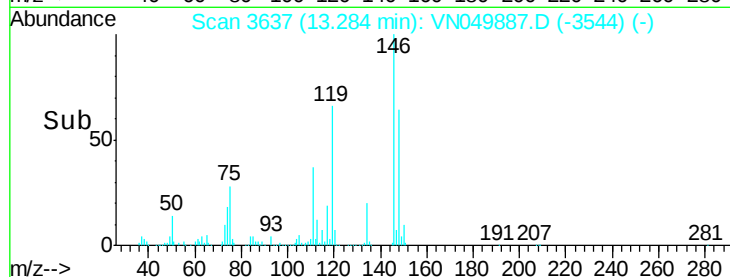
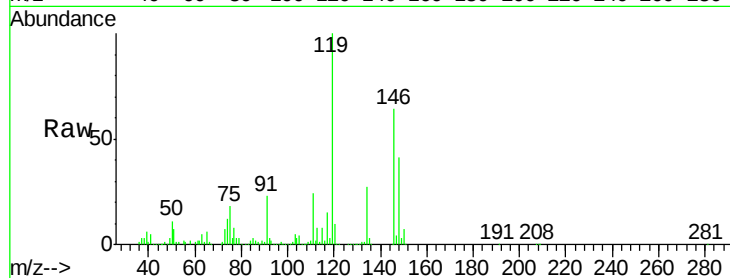
#87
 1,3-Dichlorobenzene
 Concen: 47.18 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.0	57.0
148	64.2	32.5	97.5

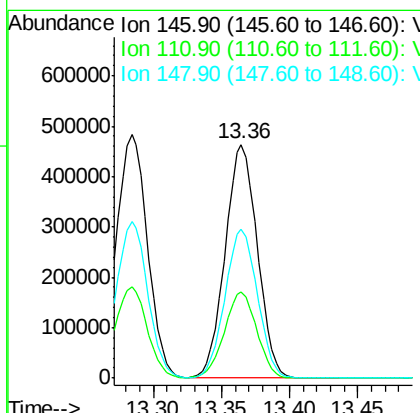
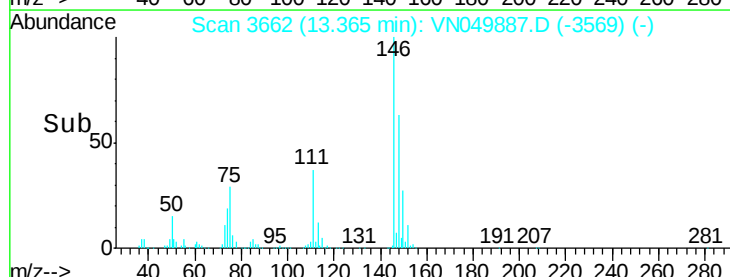
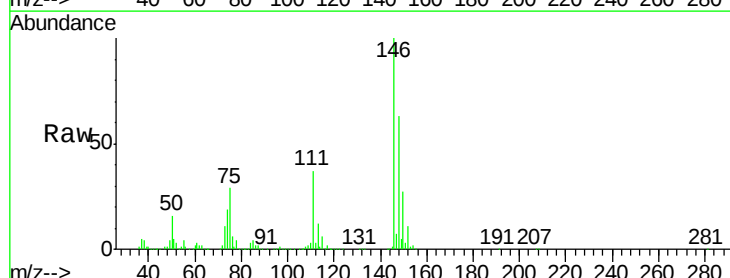
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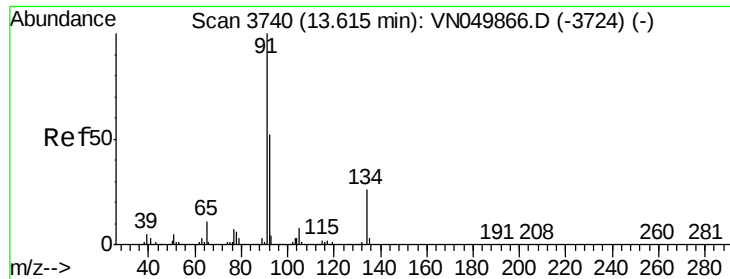
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#88
 1,4-Dichlorobenzene
 Concen: 45.87 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.9	56.5
148	64.3	32.1	96.3





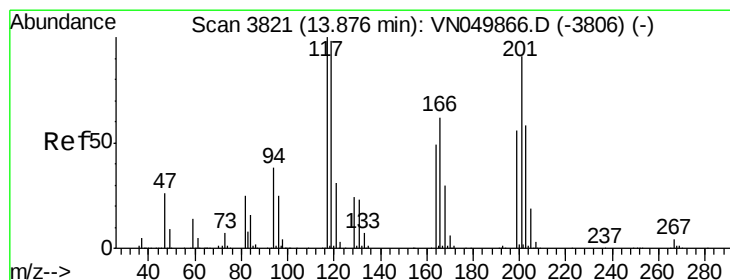
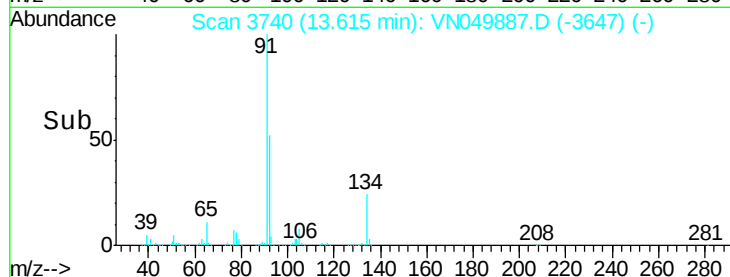
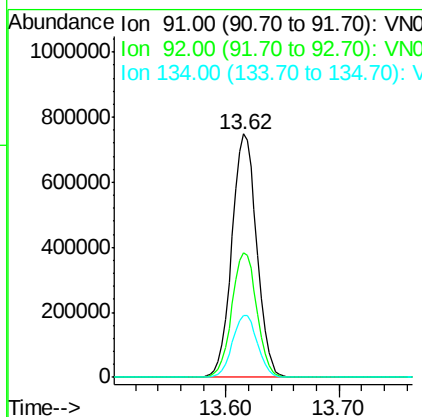
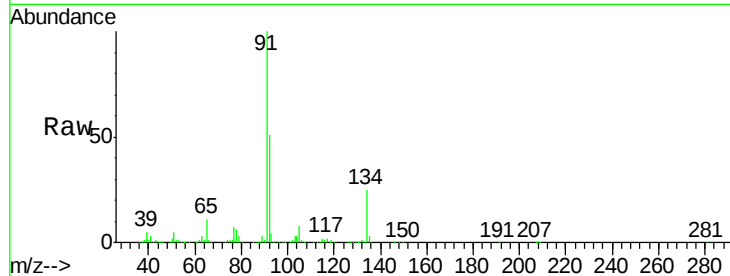
#89
n-Butylbenzene
Concen: 50.81 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
92	51.6	25.8	77.3	
134	25.7	13.0	38.9	

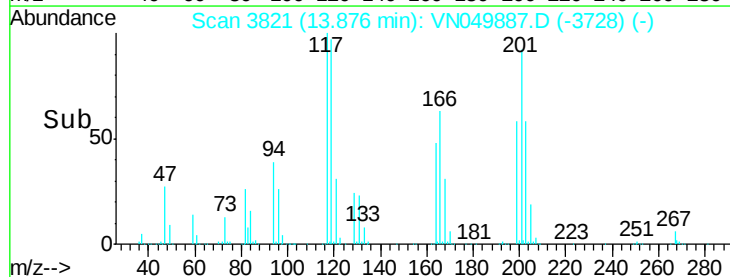
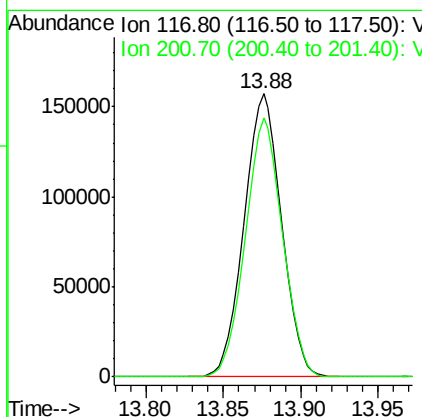
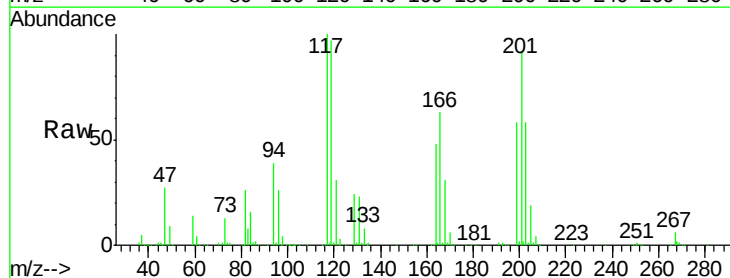
Manual Integrations
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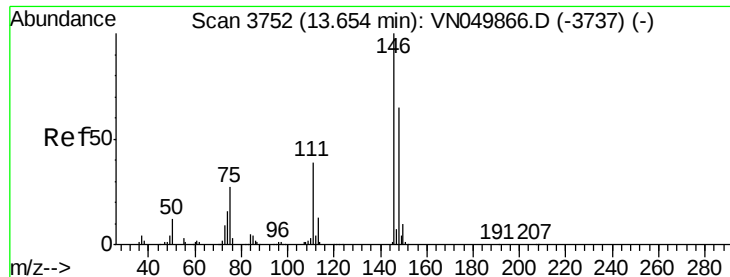
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#90
Hexachloroethane
Concen: 43.29 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion	Ion	Ratio	Lower	Upper
117	100			
201	90.7	45.3	135.8	





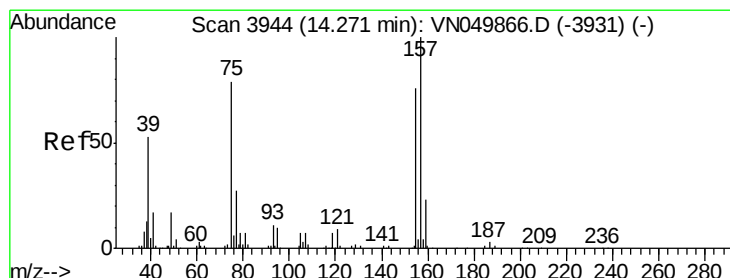
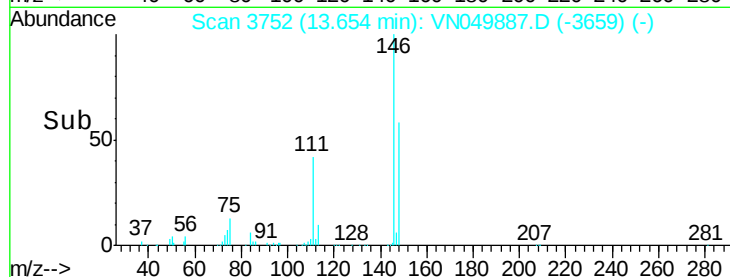
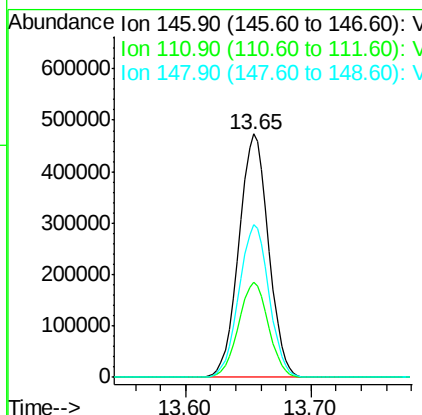
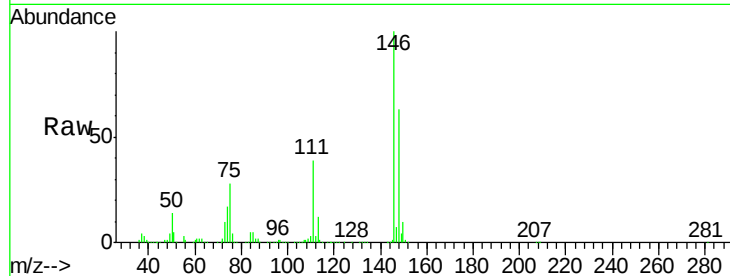
#91
 1,2-Dichlorobenzene
 Concen: 47.75 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.7	59.1
148	63.8	32.0	96.2

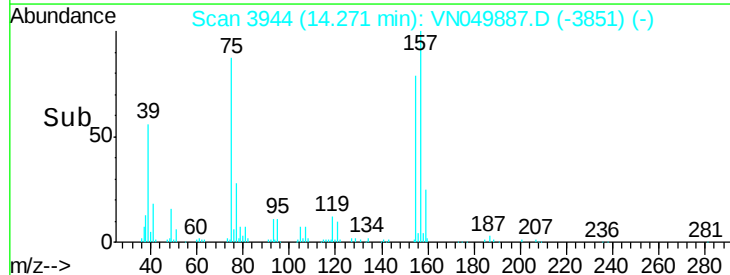
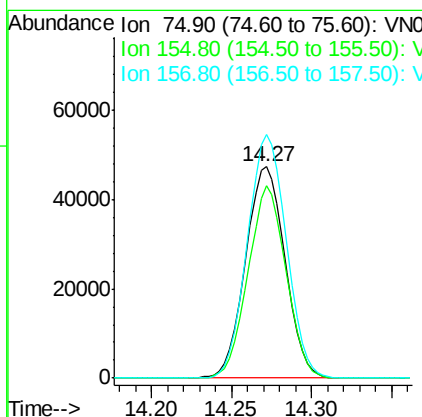
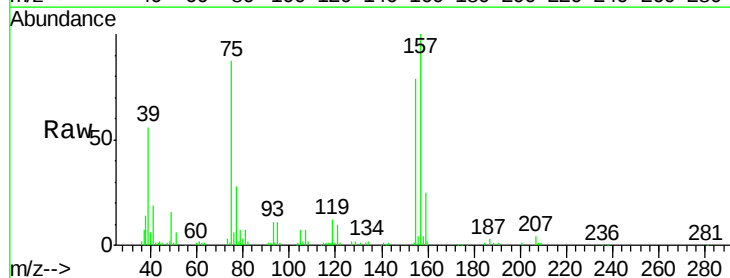
Manual Integrations
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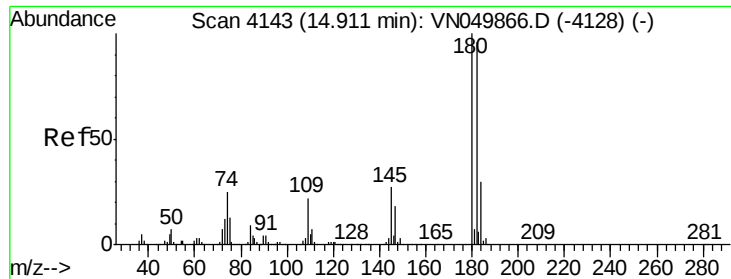
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.15 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.5	45.7	137.1
157	113.8	56.9	170.7





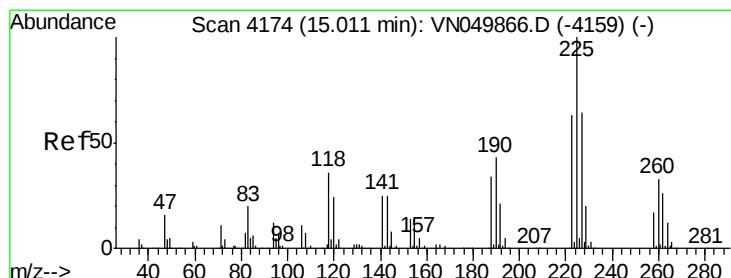
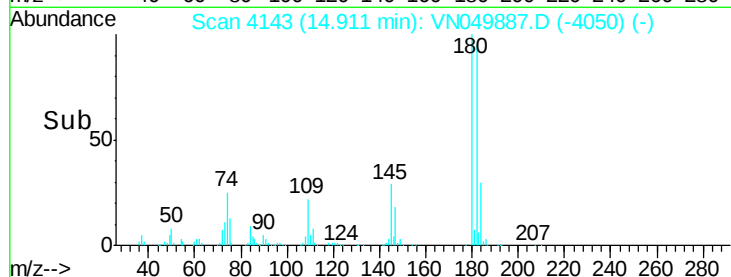
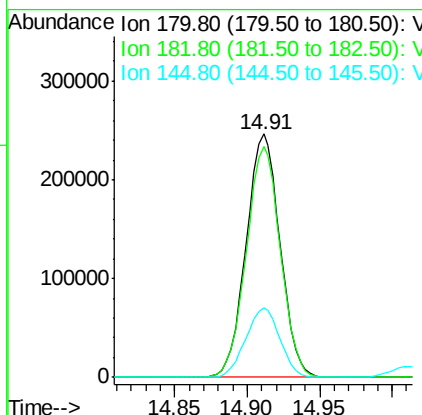
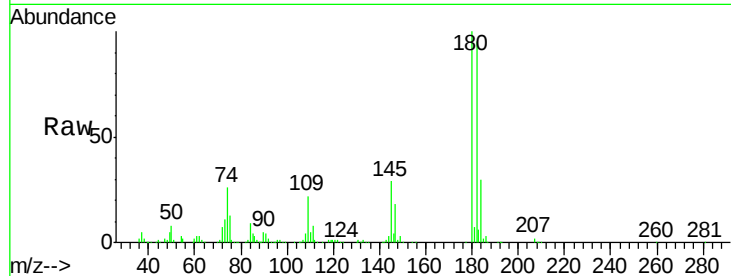
#93
 1,2,4-Trichlorobenzene
 Concen: 45.10 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.2	47.3	141.9	
145	28.8	14.4	43.0	

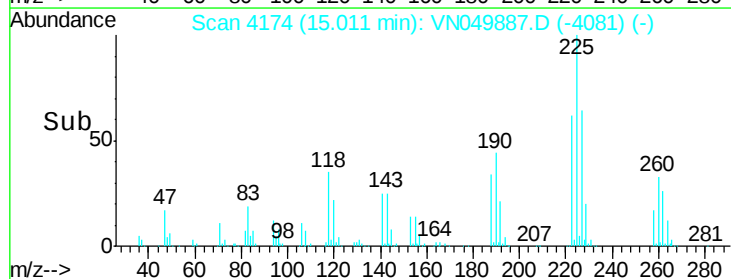
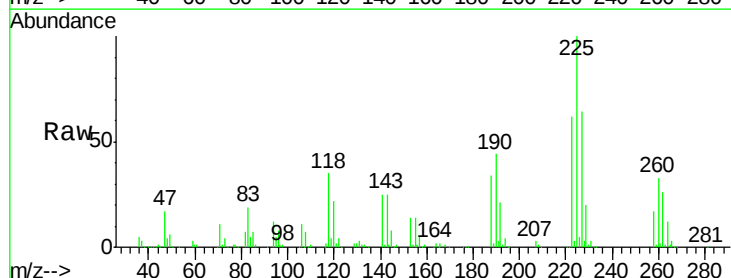
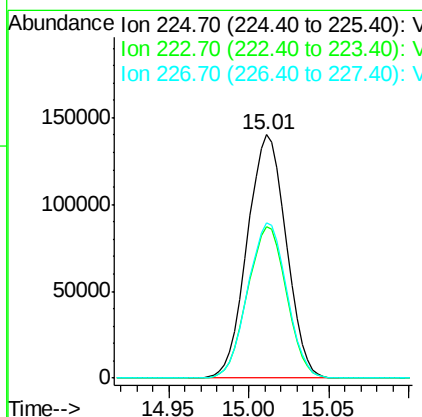
Manual Integrations
 APPROVED

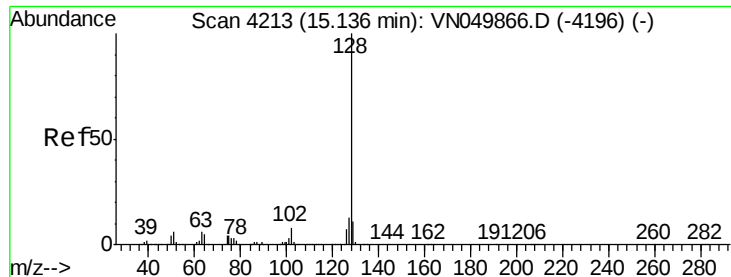
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#94
 Hexachlorobutadiene
 Concen: 43.85 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	30.9	92.7	
227	63.8	31.8	95.4	





#95

Naphthalene

Concen: 44.78 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

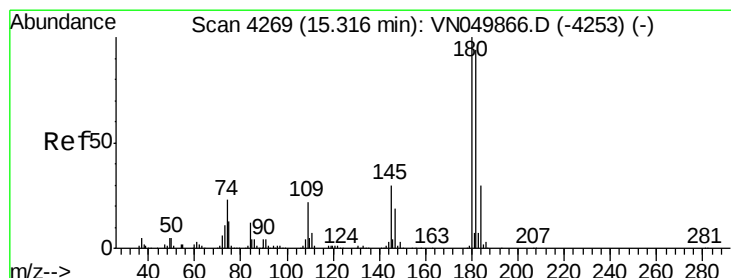
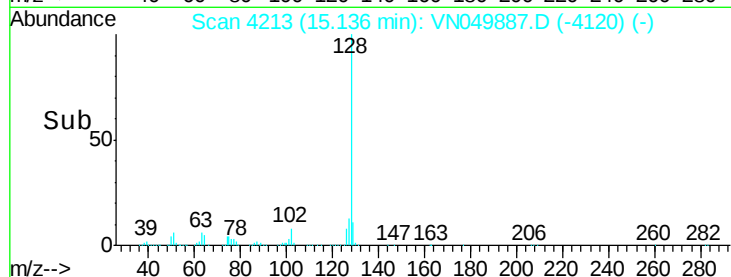
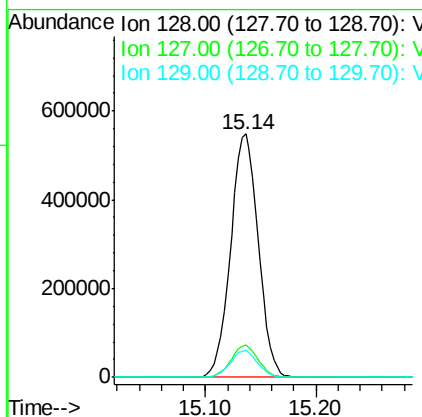
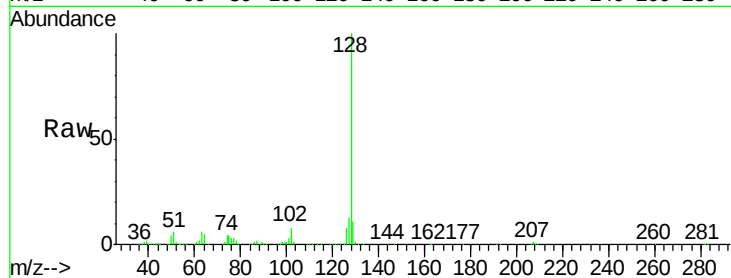
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	949384
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 51.70 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Tgt Ion:	180	Resp:	403572
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.4	142.2
145	30.9	15.2	45.6

