

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061318\
 Data File : VN049214.D
 Acq On : 13 Jun 2018 21:27
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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 6/14/2018 5:07:21 PM

Quant Time: Jun 14 04:41:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 04:25:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	651307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1000486	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	938924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	495221	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	548745	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
35) Dibromofluoromethane	7.59	113	423943	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
50) Toluene-d8	10.09	98	1649169	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
62) 4-Bromofluorobenzene	12.40	95	551666	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	578021	60.35	ug/l	100
3) Chloromethane	2.06	50	544490	55.49	ug/l	100
4) Vinyl Chloride	2.18	62	596499	60.88	ug/l	100
5) Bromomethane	2.56	94	327033	60.81	ug/l	100
6) Chloroethane	2.70	64	387432	61.56	ug/l	100
7) Trichlorofluoromethane	3.01	101	839113	62.63	ug/l	100
8) Diethyl Ether	3.41	74	230248	49.26	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	405371	49.79	ug/l	100
10) Methyl Iodide	3.95	142	448942	57.53	ug/l	100
11) Tert butyl alcohol	4.80	59	134043	228.12	ug/l	100
12) 1,1-Dichloroethene	3.73	96	374087	49.95	ug/l	100
13) Acrolein	3.61	56	190404	351.52	ug/l	100
14) Allyl chloride	4.32	41	689676	48.21	ug/l	100
15) Acrylonitrile	4.99	53	725953	229.68	ug/l	100
16) Acetone	3.82	43	566010	230.79	ug/l	100
17) Carbon Disulfide	4.05	76	1203470	48.58	ug/l	100
18) Methyl Acetate	4.33	43	361124	45.63	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1120038	50.51	ug/l	100
20) Methylene Chloride	4.55	84	446886	48.98	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	413997	48.50	ug/l	100
22) Diisopropyl ether	5.96	45	1469323	48.31	ug/l	100
23) Vinyl Acetate	5.90	43	5130955	247.55	ug/l	100
24) 1,1-Dichloroethane	5.85	63	844046	48.69	ug/l	100
25) 2-Butanone	6.84	43	862700	231.92	ug/l	100
26) 2,2-Dichloropropane	6.83	77	680098	49.58	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	466307	48.81	ug/l	100
28) Bromochloromethane	7.19	49	426531	56.46	ug/l	100
29) Tetrahydrofuran	7.22	42	560081	234.77	ug/l	100
30) Chloroform	7.37	83	851780	50.55	ug/l	100
31) Cyclohexane	7.65	56	755725	47.30	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	754407	52.42	ug/l	100
36) 1,1-Dichloropropene	7.79	75	651452	52.05	ug/l	100
37) Ethyl Acetate	6.93	43	400505	49.89	ug/l	100
38) Carbon Tetrachloride	7.77	117	665943	54.20	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	662043	50.62	ug/l	100
40) Benzene	8.04	78	1877785	50.07	ug/l	100
41) Methacrylonitrile	7.19	41	239655m	54.25	ug/l	
42) 1,2-Dichloroethane	8.13	62	665427	54.52	ug/l	100
43) Isopropyl Acetate	8.17	43	743697	48.57	ug/l	100
44) Trichloroethene	8.84	130	461437	50.25	ug/l	100
45) 1,2-Dichloropropane	9.12	63	513226	49.97	ug/l	100
46) Dibromomethane	9.21	93	294124	51.41	ug/l	100
47) Bromodichloromethane	9.40	83	671927	52.93	ug/l	100
48) Methyl methacrylate	9.20	41	372651	50.99	ug/l	100
49) 1,4-Dioxane	9.20	88	80481	980.87	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	2001738	247.46	ug/l	100
52) Toluene	10.16	92	1145321	50.94	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	649704	51.33	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	750114	51.03	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	403773	50.39	ug/l	100
56) Ethyl methacrylate	10.43	69	519898	49.96	ug/l	100
57) 1,3-Dichloropropane	10.71	76	695895	49.87	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	869901	252.85	ug/l	100
59) 2-Hexanone	10.75	43	1280772	246.00	ug/l	100
60) Dibromochloromethane	10.90	129	471524	52.72	ug/l	100
61) 1,2-Dibromoethane	11.01	107	376340	50.19	ug/l	100
64) Tetrachloroethene	10.63	164	470214	51.79	ug/l	100
65) Chlorobenzene	11.44	112	1208234	50.01	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	460395	51.05	ug/l	100
67) Ethyl Benzene	11.51	91	2219142	51.63	ug/l	100
68) m/p-Xylenes	11.62	106	1689229	105.74	ug/l	100
69) o-Xylene	11.95	106	802960	52.29	ug/l	100
70) Styrene	11.97	104	1316919	53.37	ug/l	100
71) Bromoform	12.13	173	300425	50.94	ug/l	# 100
73) Isopropylbenzene	12.25	105	2188572	47.67	ug/l	100
74) N-amyl acetate	12.07	43	635563	46.60	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	487592	43.50	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	409455m	42.95	ug/l	
77) Bromobenzene	12.53	156	499922	46.36	ug/l	100
78) n-propylbenzene	12.59	91	2553531	48.69	ug/l	100
79) 2-Chlorotoluene	12.68	91	1504062	47.25	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1810957	49.37	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	129515	43.32	ug/l	100
82) 4-Chlorotoluene	12.78	91	1513309	48.26	ug/l	100
83) tert-Butylbenzene	13.00	119	1502533	48.62	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1842569	49.74	ug/l	100
85) sec-Butylbenzene	13.17	105	2047435	48.63	ug/l	100
86) p-Isopropyltoluene	13.29	119	1769508	50.55	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	917977	49.44	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	890624	49.51	ug/l	100
89) n-Butylbenzene	13.62	91	1459231	51.55	ug/l	100
90) Hexachloroethane	13.88	117	344290	45.98	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	893411	50.07	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	77302	47.77	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	353378	50.03	ug/l	100
94) Hexachlorobutadiene	15.01	225	246922	45.84	ug/l	100
95) Naphthalene	15.14	128	724929	46.81	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	355386	49.39	ug/l	100

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

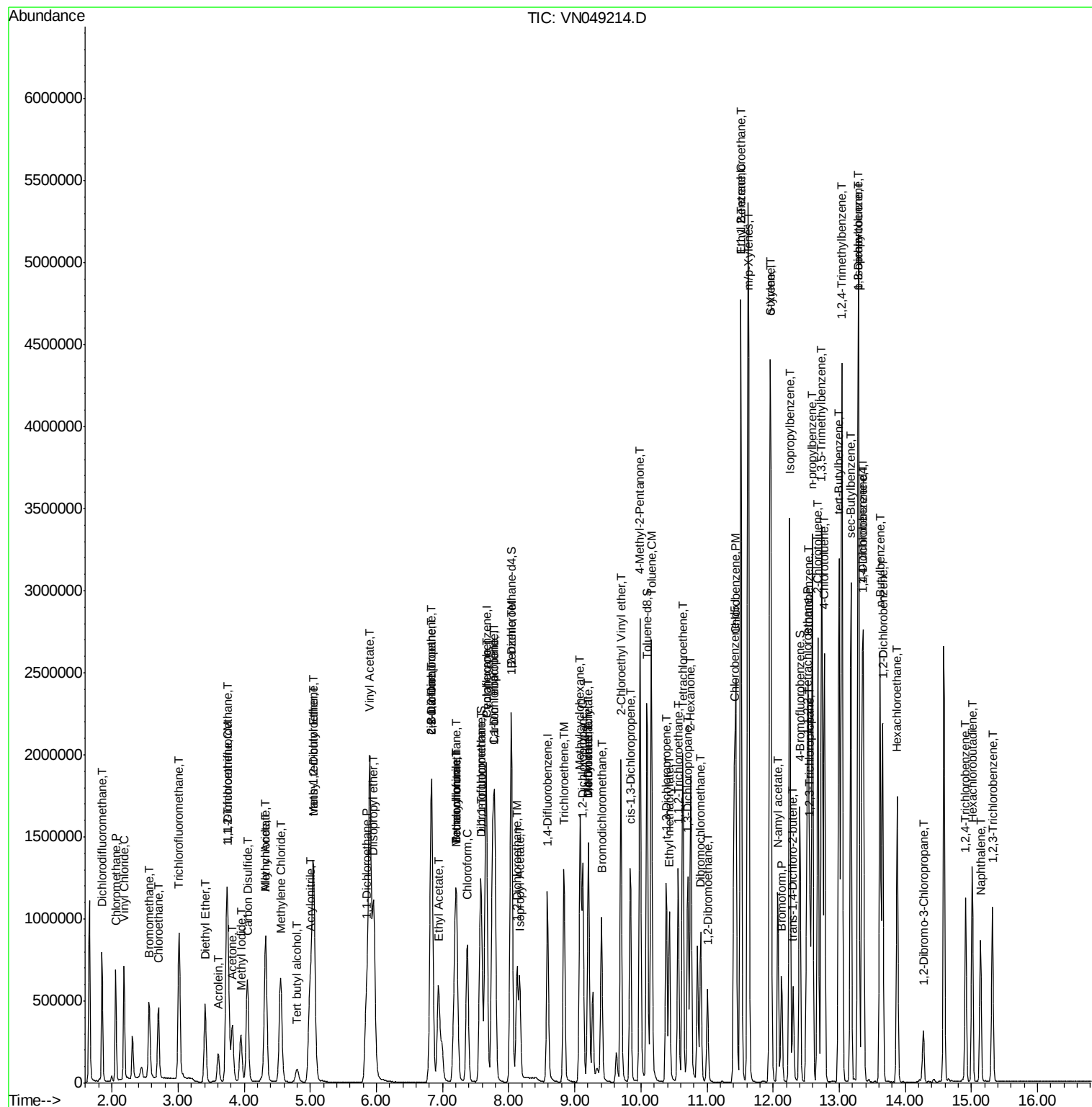
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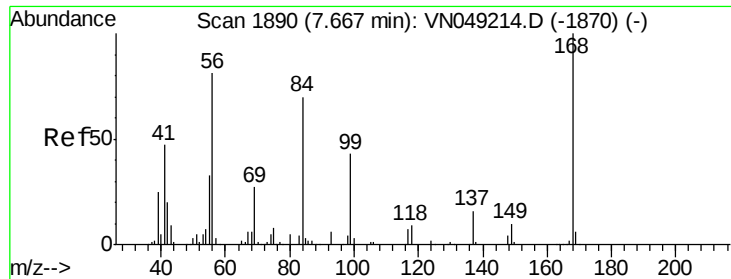
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 651307

Ion Ratio Lower Upper

168 100

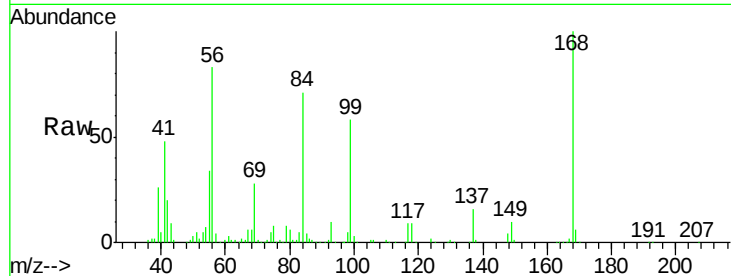
99 57.2 45.8 68.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

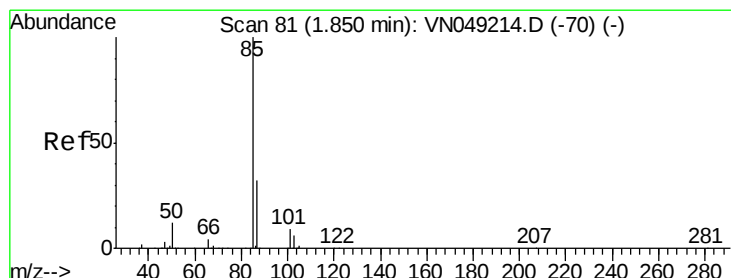
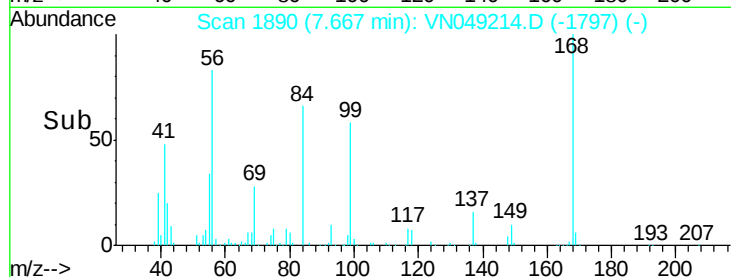
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 60.35 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049214.D

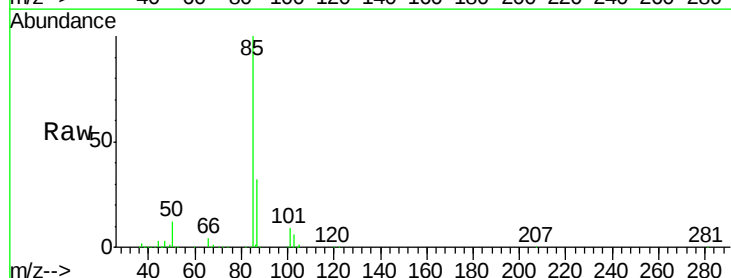
Acq: 13 Jun 2018 21:27

Tgt Ion: 85 Resp: 578021

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

500000

400000

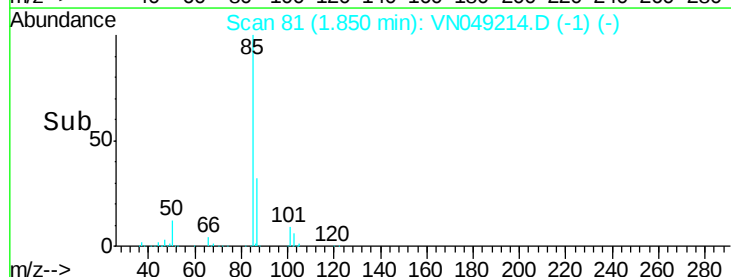
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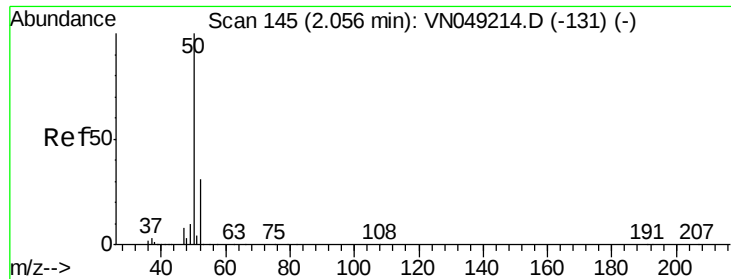
200000

100000

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Time-->





#3

Chloromethane

Concen: 55.49 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 544490

Ion Ratio Lower Upper

50 100

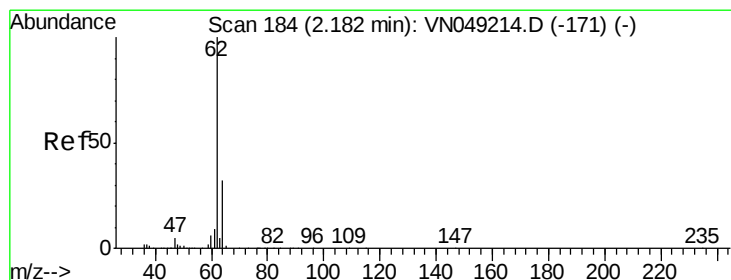
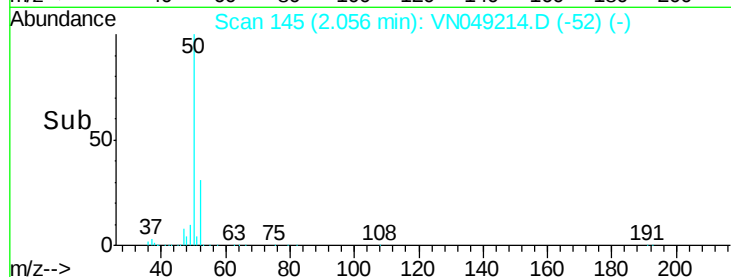
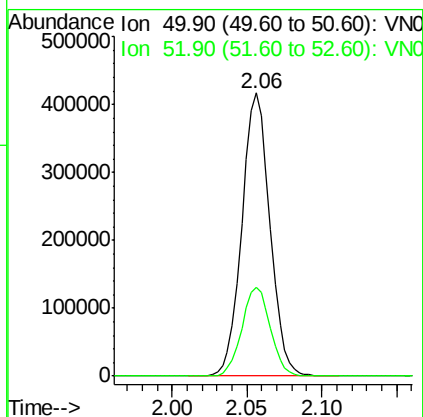
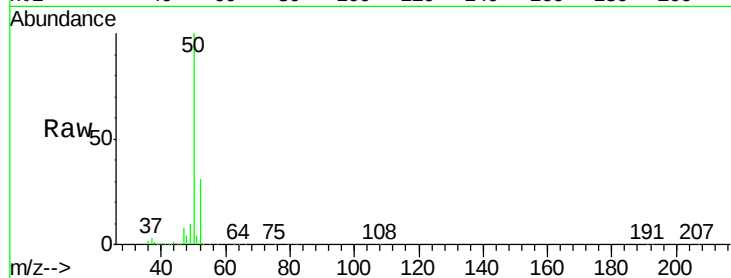
52 31.5 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 60.88 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN049214.D

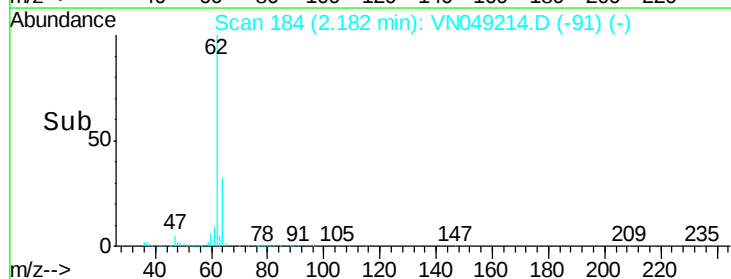
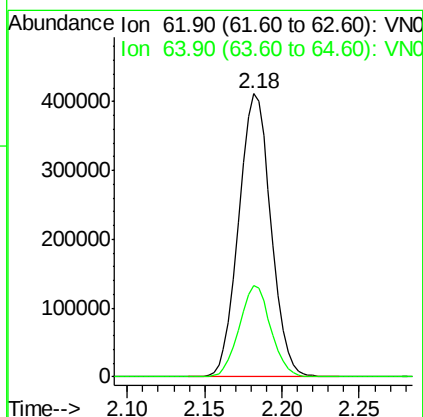
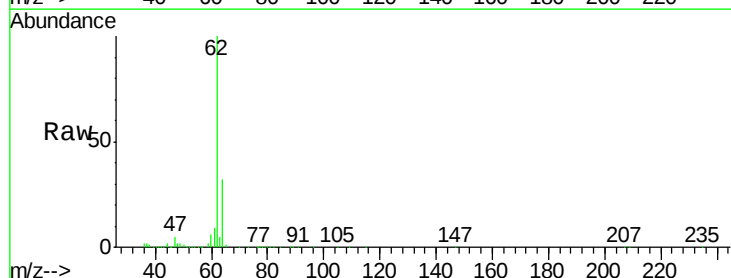
Acq: 13 Jun 2018 21:27

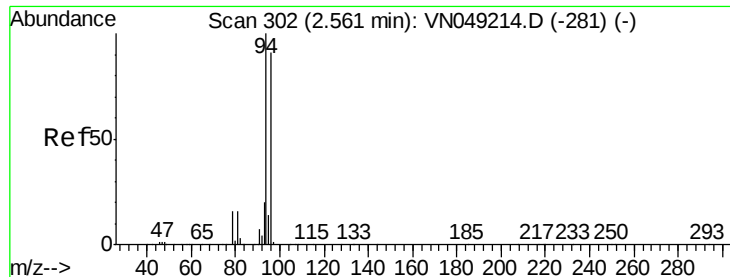
Tgt Ion: 62 Resp: 596499

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 60.81 ug/l

RT: 2.56 min Scan# 302

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

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VSTDICCC050

Tot Ion: 94 Resp: 327033

Ion Ratio Lower Upper

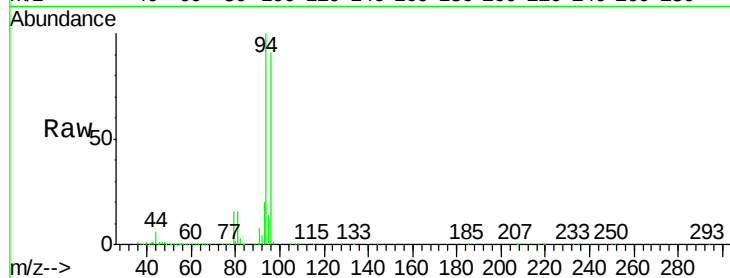
94 100

96 91.0 72.8 109.2

Manual Integrations
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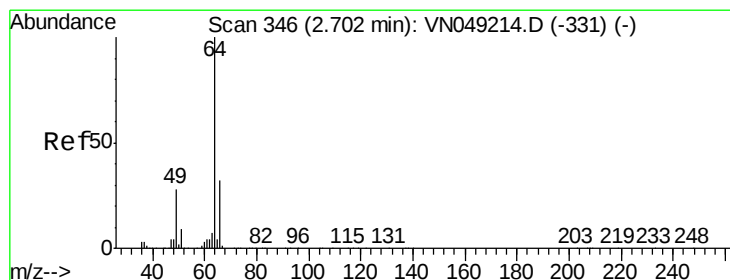
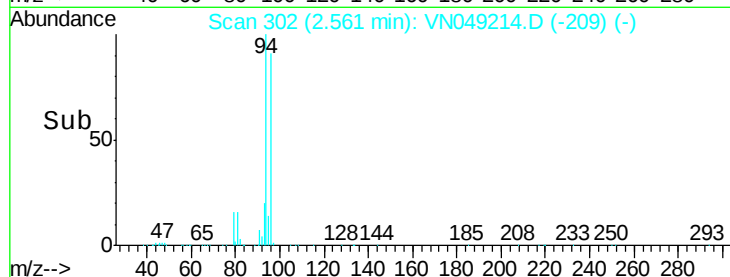
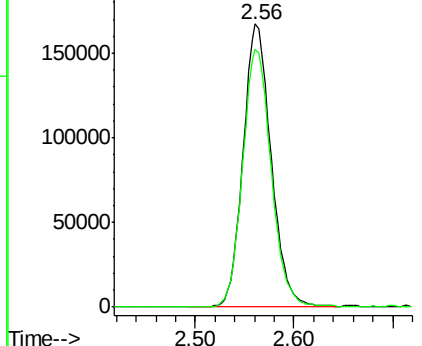
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Abundance Ion 93.90 (93.60 to 94.60): VNC

Ion 95.90 (95.60 to 96.60): VNC



#6

Chloroethane

Concen: 61.56 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049214.D

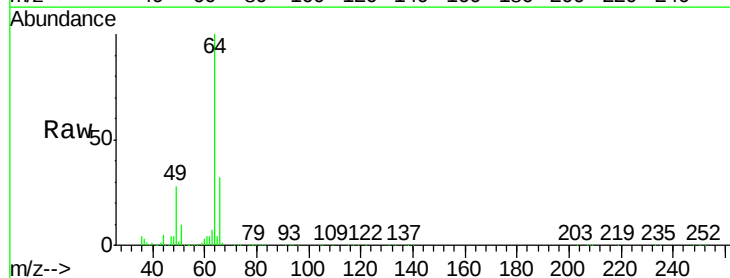
Acq: 13 Jun 2018 21:27

Tgt Ion: 64 Resp: 387432

Ion Ratio Lower Upper

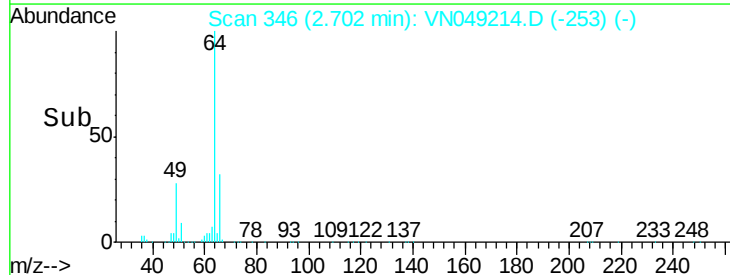
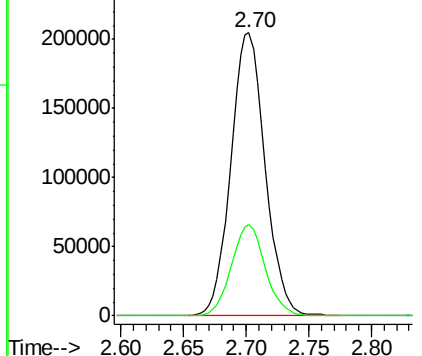
64 100

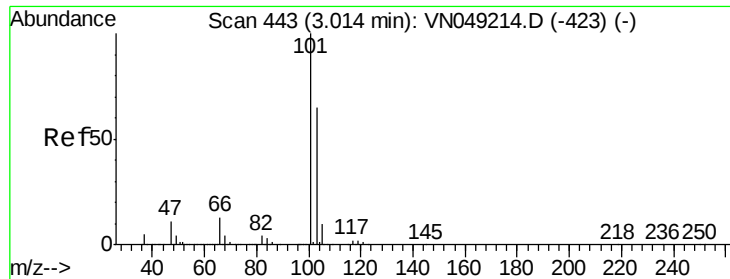
66 32.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VNC

Ion 65.90 (65.60 to 66.60): VNC





#7

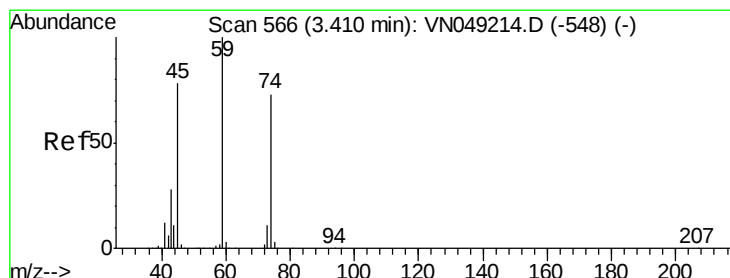
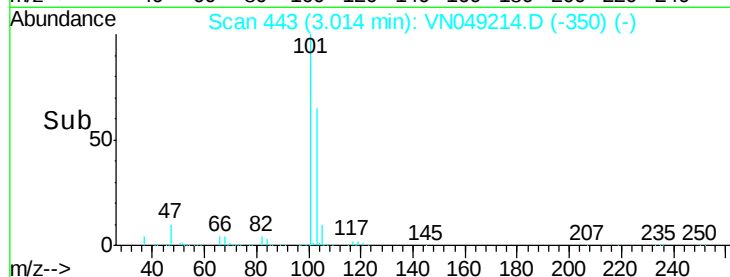
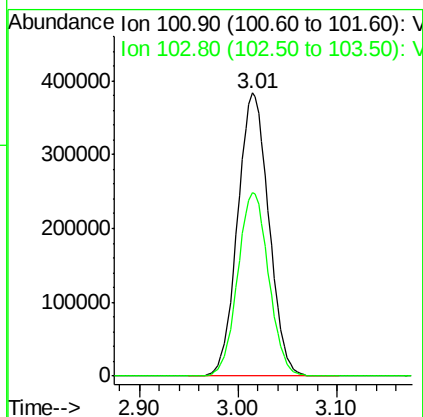
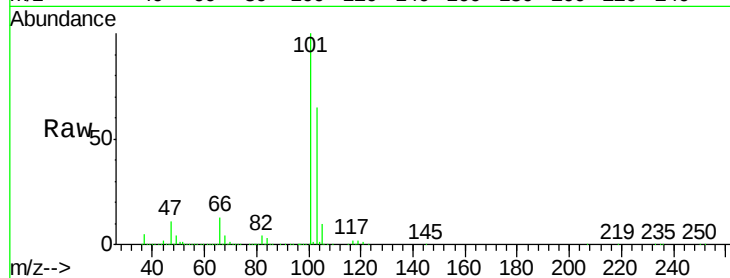
Trichlorofluoromethane
 Concen: 62.63 ug/l
 RT: 3.01 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Instrument :
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 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.7	77.5

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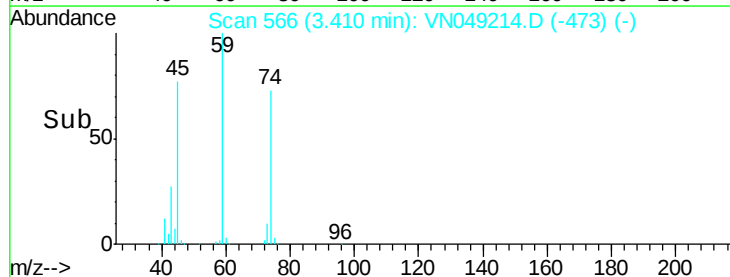
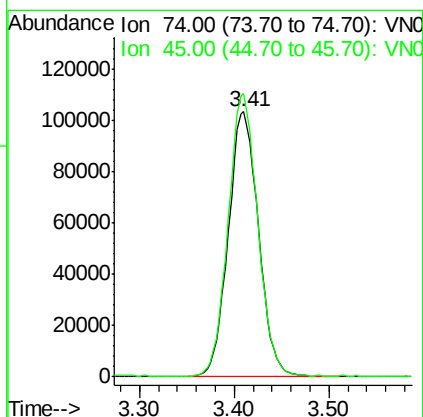
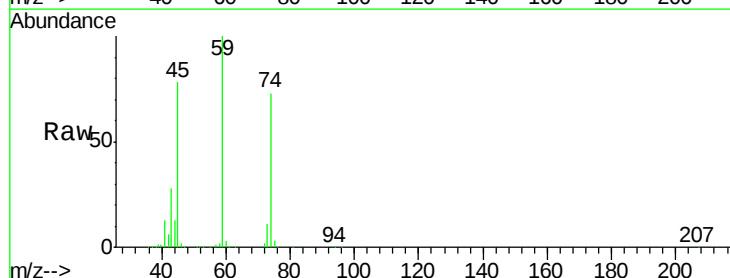
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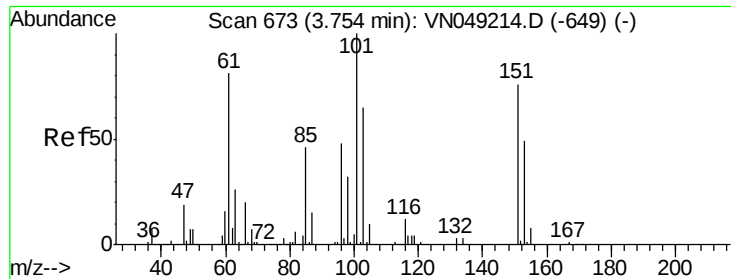


#8

Diethyl Ether
 Concen: 49.26 ug/l
 RT: 3.41 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.9	51.9	155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.79 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

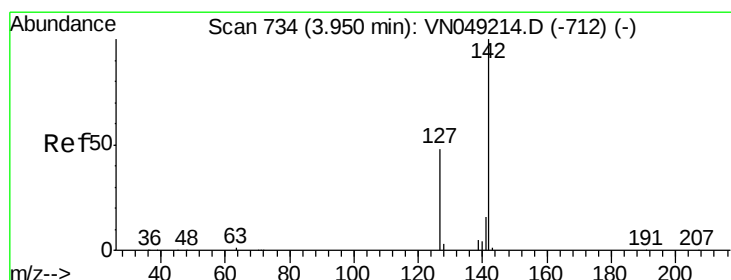
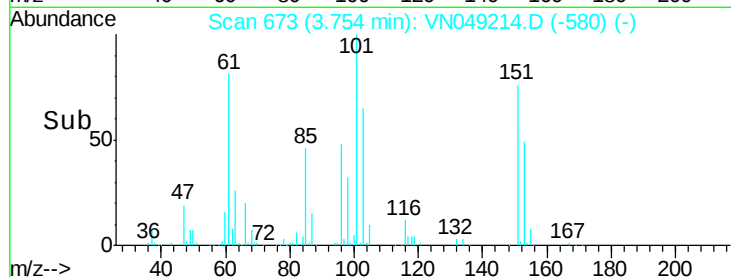
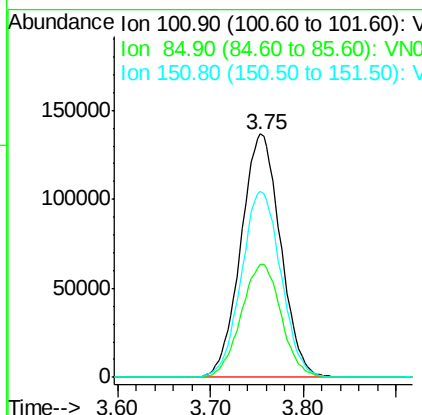
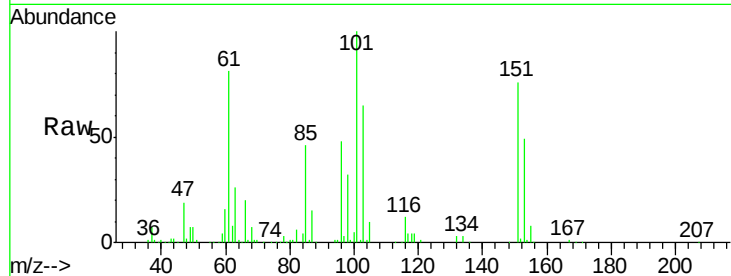
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	405371
Ion Ratio	Lower	Upper	
101	100		
85	47.0	37.6	56.4
151	76.4	61.1	91.7

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#10

Methyl Iodide

Concen: 57.53 ug/l

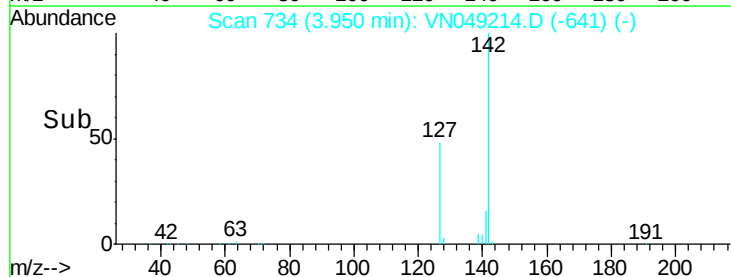
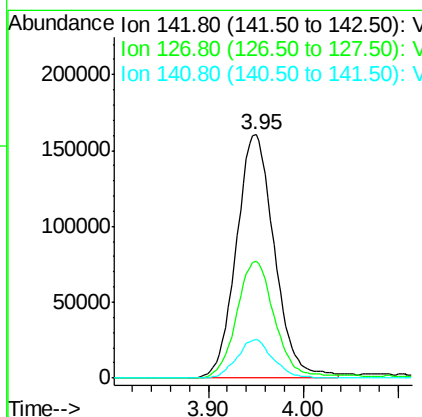
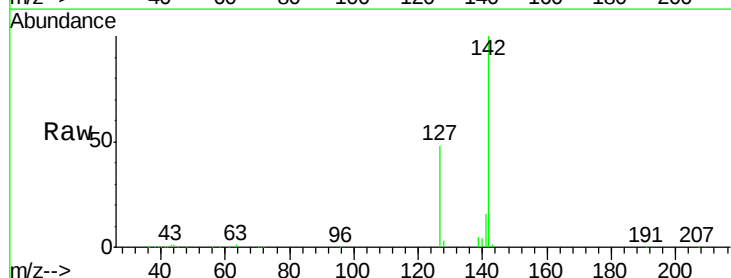
RT: 3.95 min Scan# 734

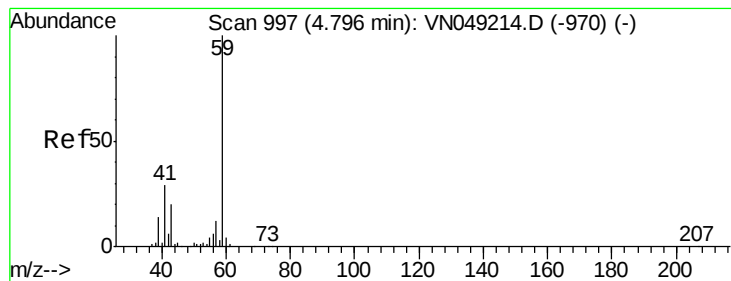
Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Tgt Ion:	142	Resp:	448942
Ion Ratio	Lower	Upper	
142	100		
127	47.8	38.2	57.4
141	14.9	11.9	17.9





#11

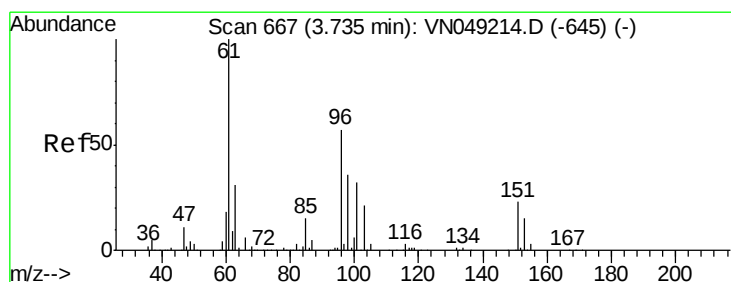
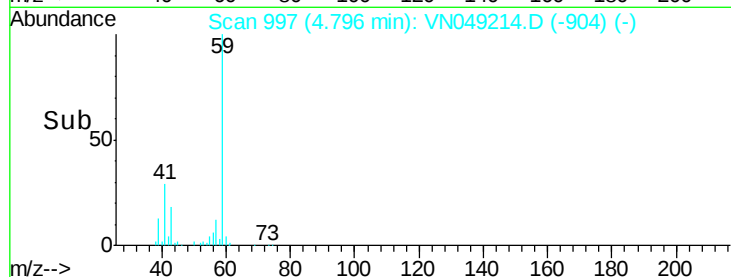
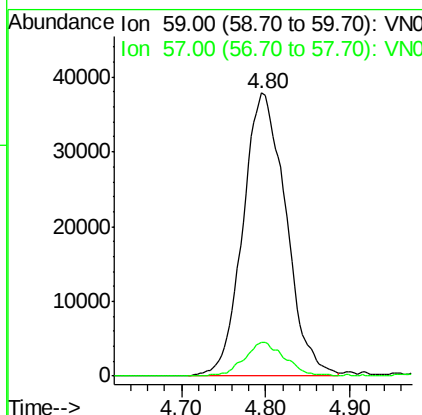
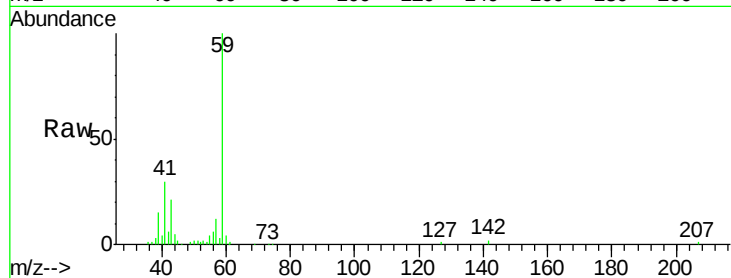
Tert butyl alcohol
Concen: 228.12 ug/l
RT: 4.80 min Scan# 997
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	59	Resp	134043
Ion Ratio	59	100	Lower Upper
	57	11.3	9.0 13.6

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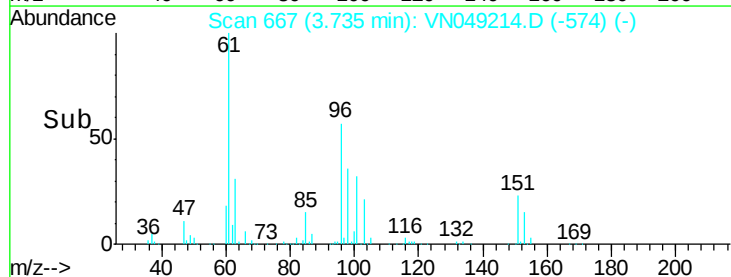
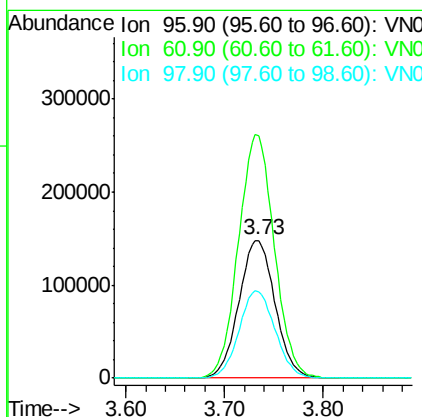
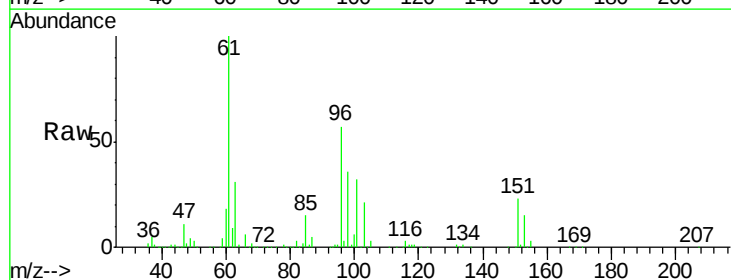
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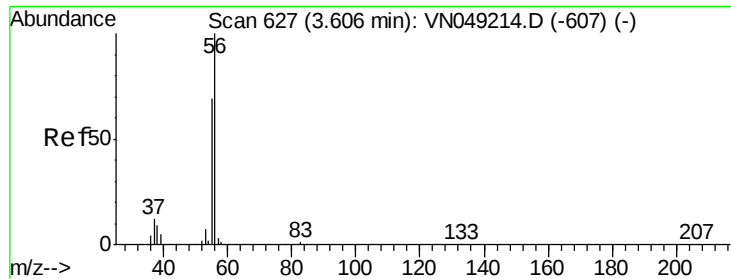


#12

1,1-Dichloroethene
Concen: 49.95 ug/l
RT: 3.73 min Scan# 667
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion	96	Resp	374087
Ion Ratio	96	100	Lower Upper
	61	176.2	141.0 211.4
	98	63.0	50.4 75.6





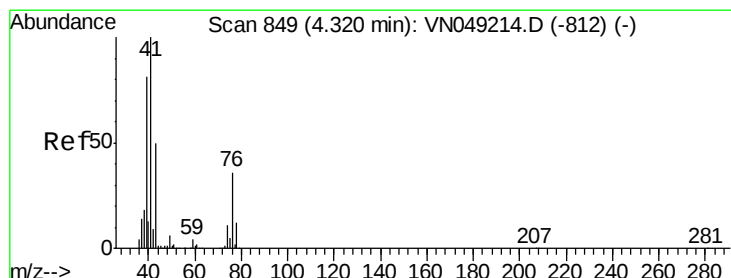
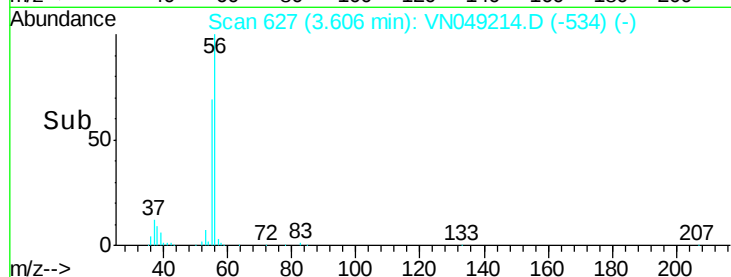
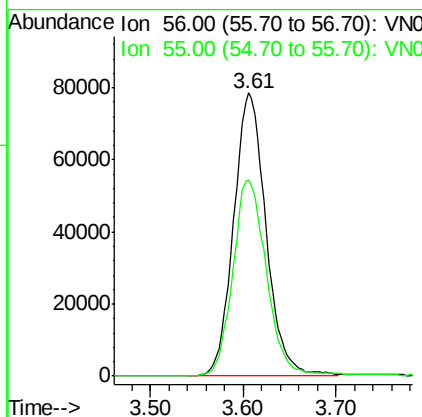
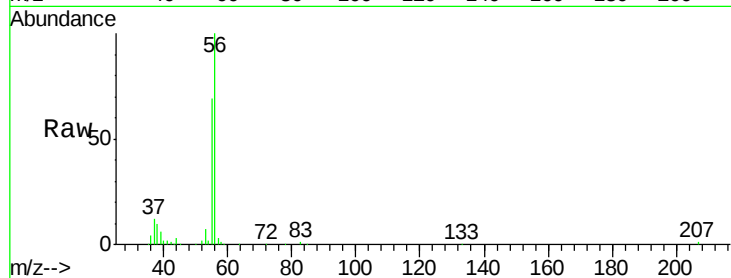
#13
Acrolein
Concen: 351.52 ug/l
RT: 3.61 min Scan# 627
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	56	Resp	190404
Ion Ratio	100	Lower	Upper
56	100		
55	71.4	57.1	85.7

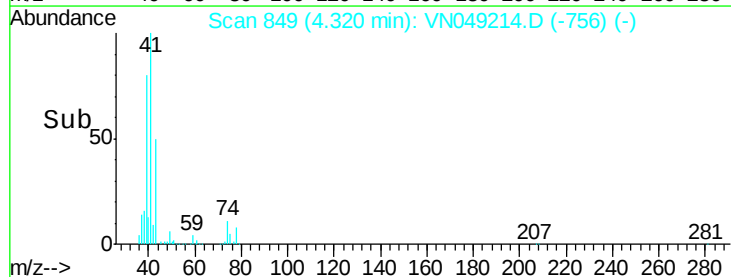
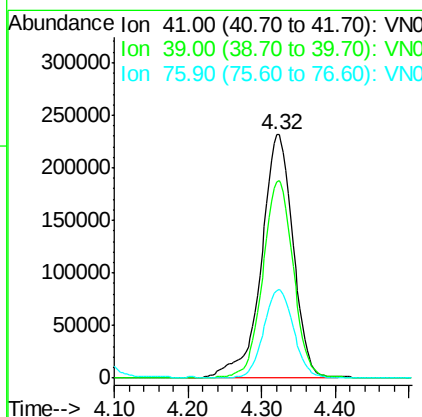
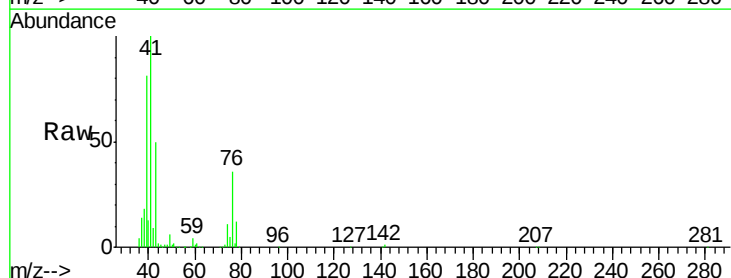
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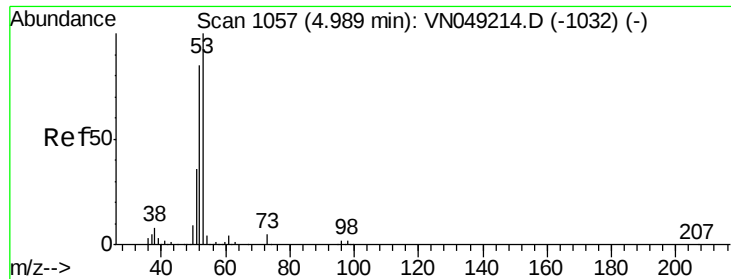
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#14
Allyl chloride
Concen: 48.21 ug/l
RT: 4.32 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion	41	Resp	689676
Ion Ratio	100	Lower	Upper
41	100		
39	78.1	62.5	93.7
76	33.9	27.1	40.7





#15

Acrylonitrile

Concen: 229.68 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

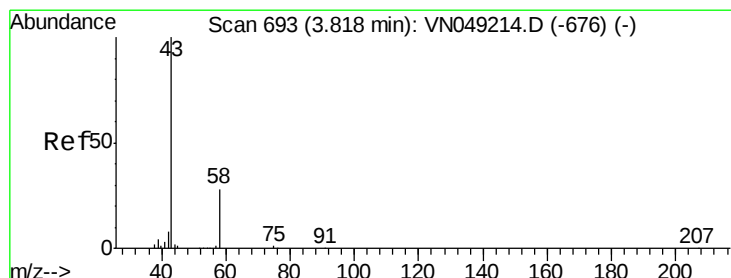
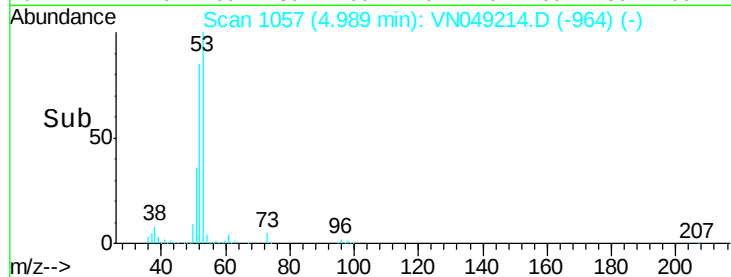
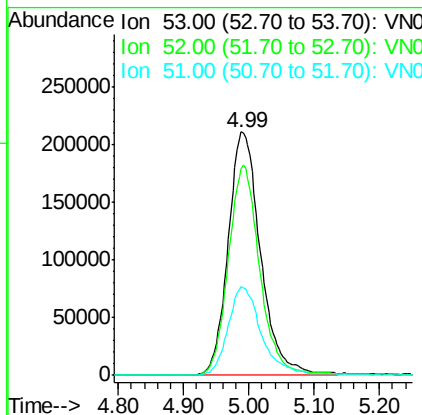
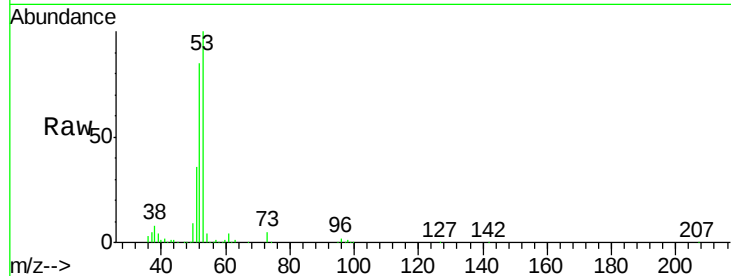
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	725953
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.6	100.0
51	37.3	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 230.79 ug/l

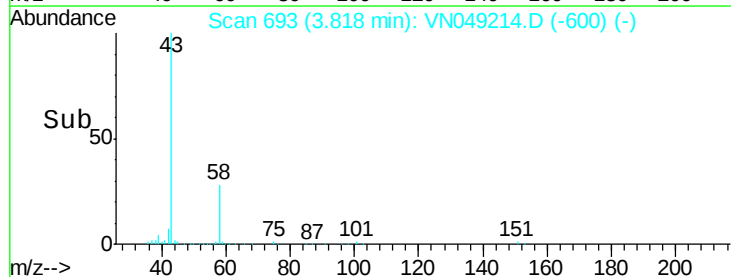
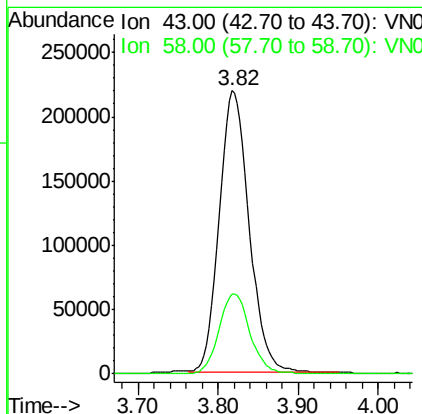
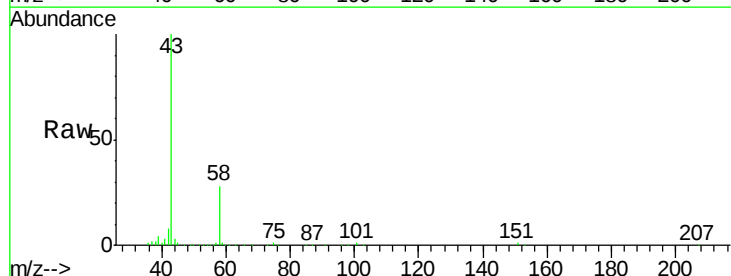
RT: 3.82 min Scan# 693

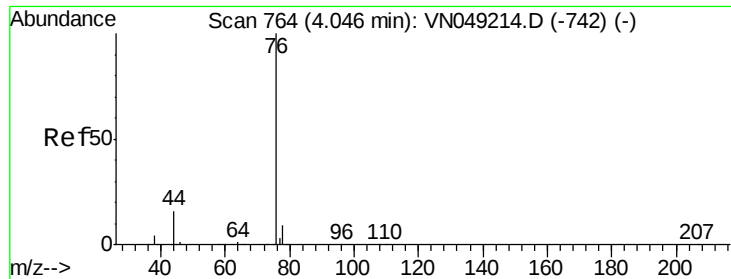
Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Tgt Ion:	43	Resp:	566010
Ion	Ratio	Lower	Upper
43	100		
58	28.0	22.4	33.6





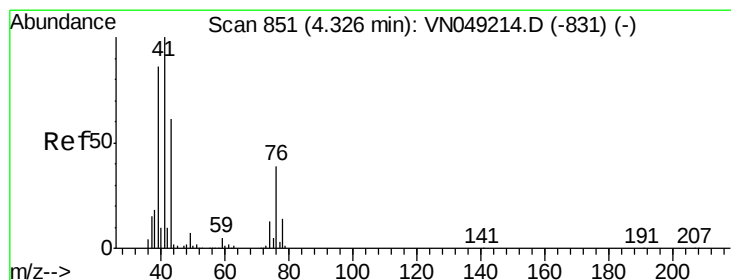
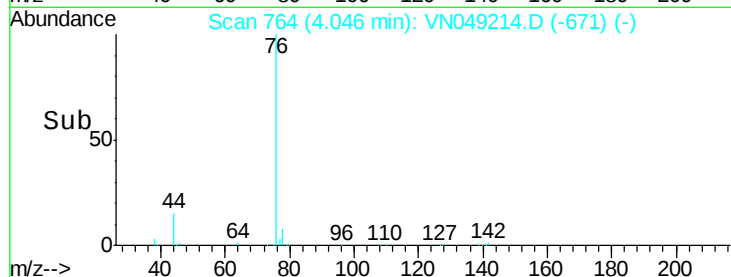
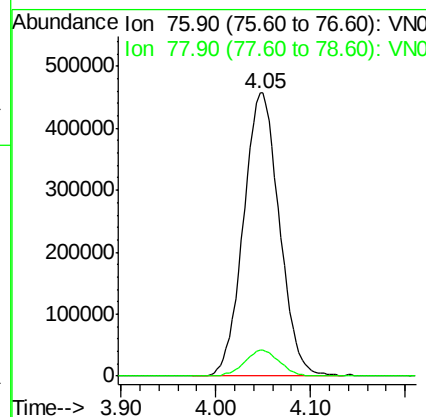
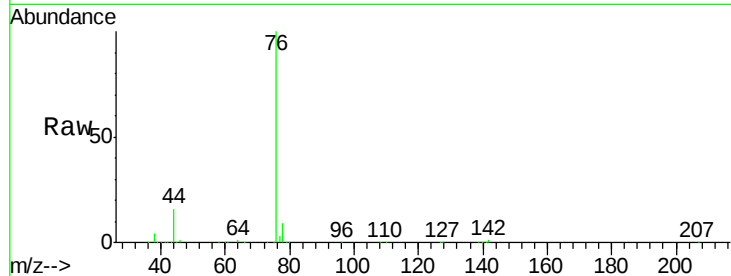
#17
Carbon Disulfide
Concen: 48.58 ug/l
RT: 4.05 min Scan# 764
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion: 76 Resp: 1203470
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

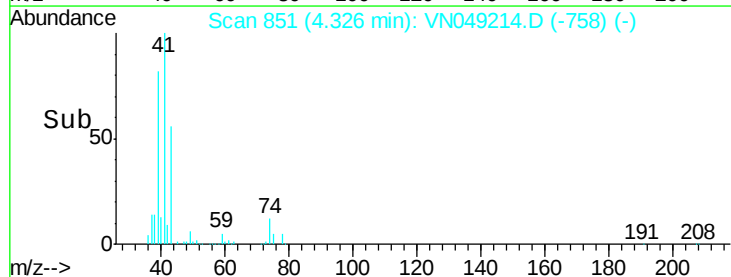
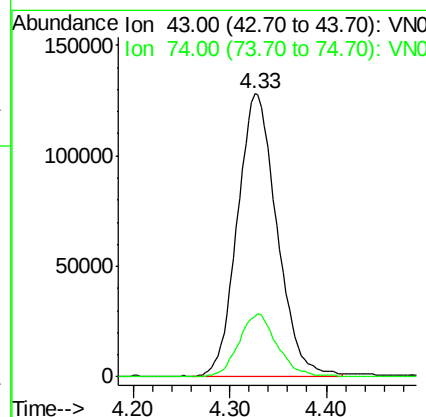
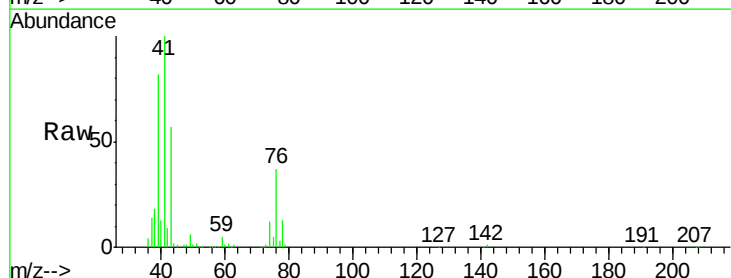
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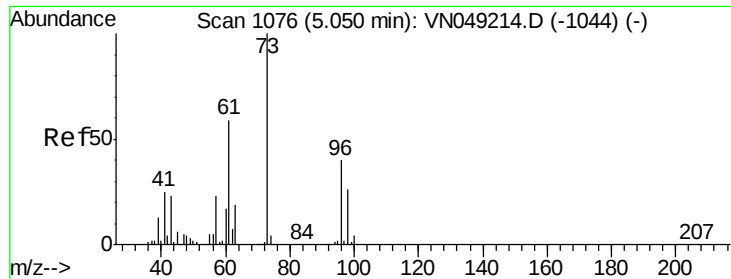
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#18
Methyl Acetate
Concen: 45.63 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion: 43 Resp: 361124
Ion Ratio Lower Upper
43 100
74 21.7 17.4 26.0





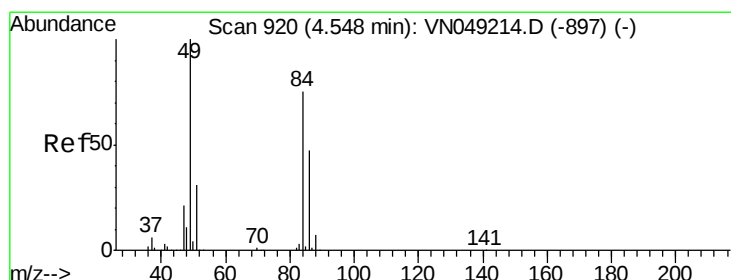
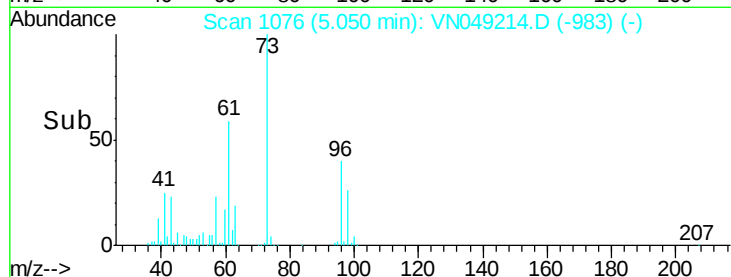
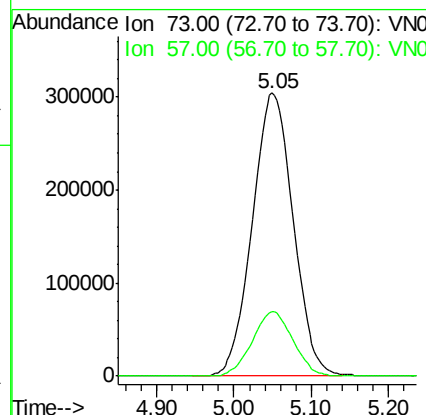
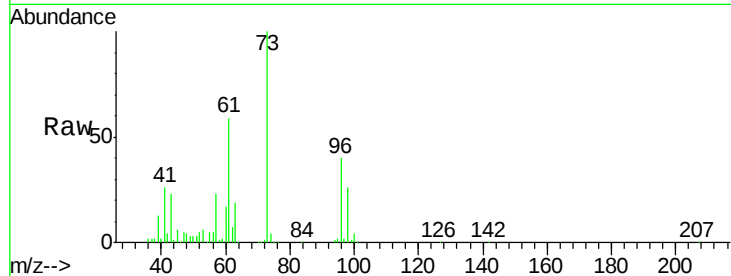
#19
Methyl tert-butyl Ether
Concen: 50.51 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 1120038
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4

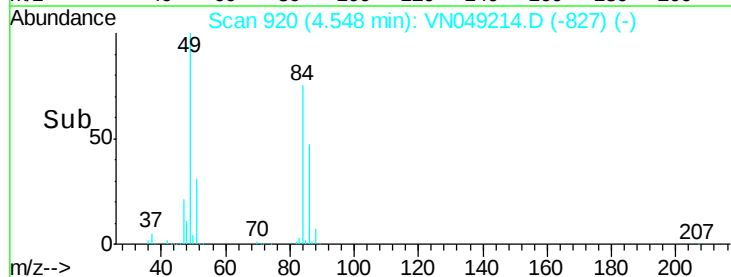
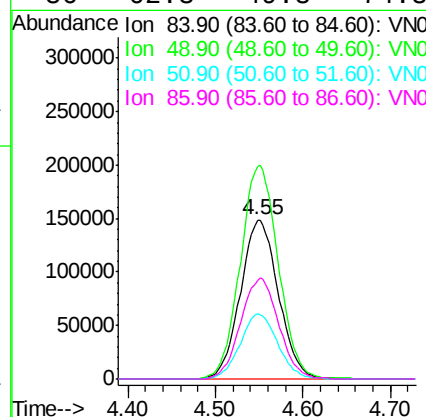
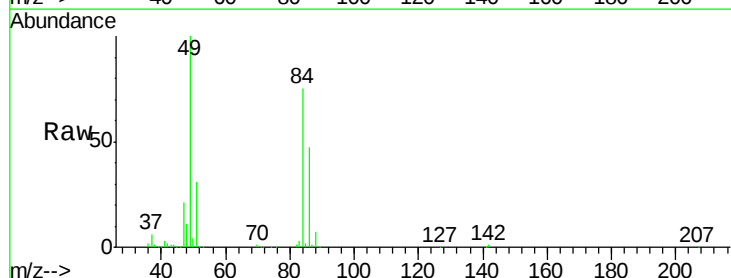
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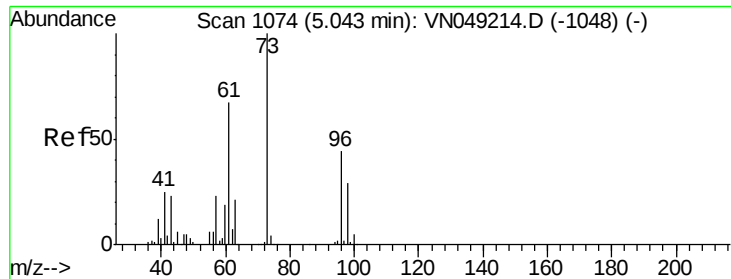
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#20
Methylene Chloride
Concen: 48.98 ug/l
RT: 4.55 min Scan# 920
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion: 84 Resp: 446886
Ion Ratio Lower Upper
84 100
49 133.6 106.9 160.3
51 40.9 32.7 49.1
86 62.3 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 48.50 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion: 96 Resp: 413997

Ion Ratio Lower Upper

96 100

61 151.6 121.3 181.9

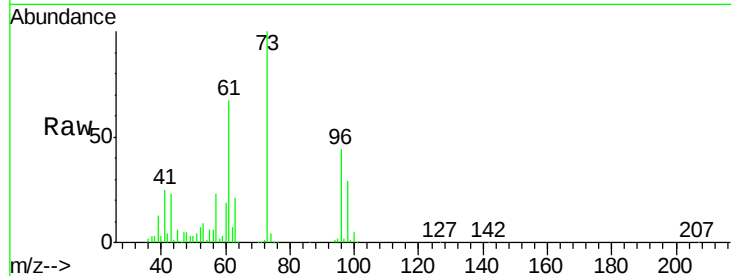
98 65.0 52.0 78.0

Manual Integrations

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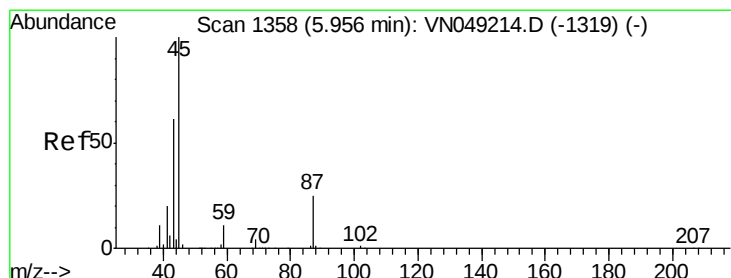
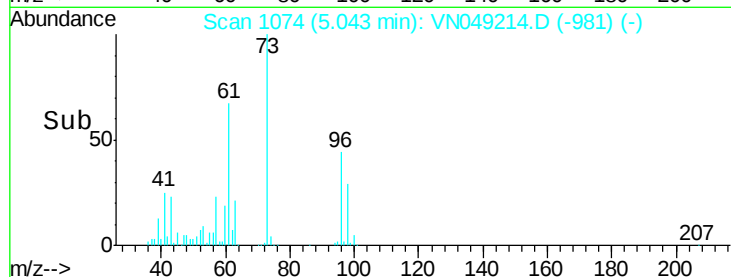
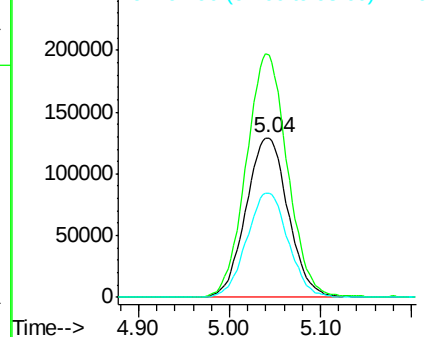


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 48.31 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Tgt Ion: 45 Resp: 1469323

Ion Ratio Lower Upper

45 100

43 60.7 48.6 72.8

87 25.2 20.2 30.2

59 11.2 9.0 13.4

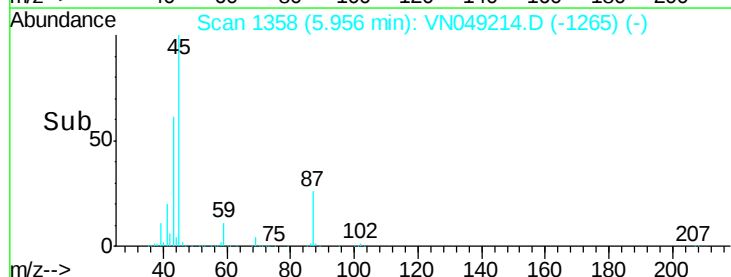
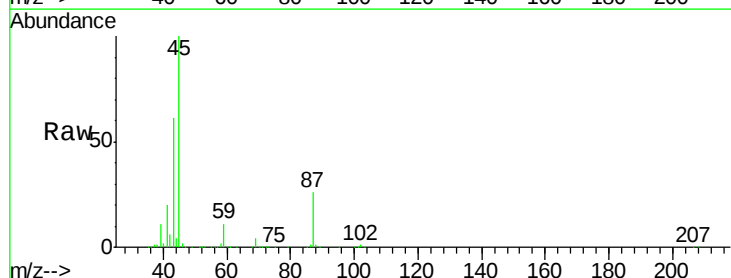
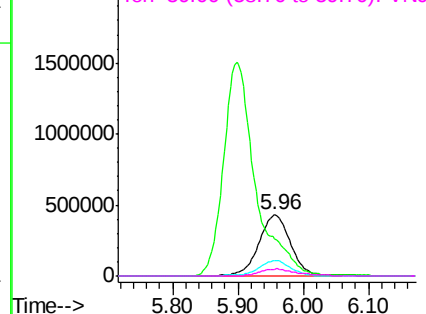
Abundance

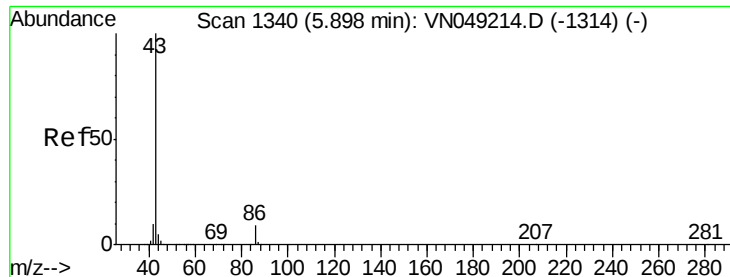
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 247.55 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 5130955

Ion Ratio Lower Upper

43 100

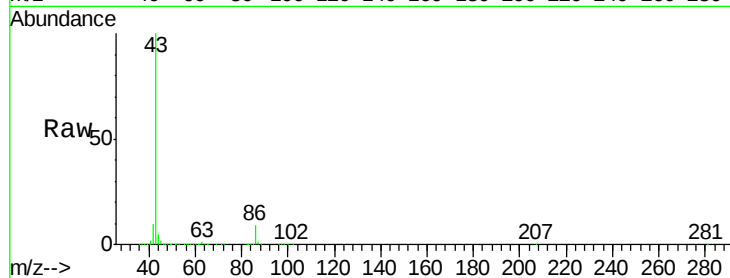
86 9.0 7.2 10.8

Manual Integrations

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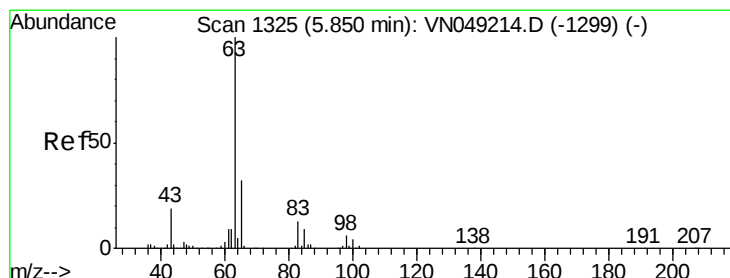
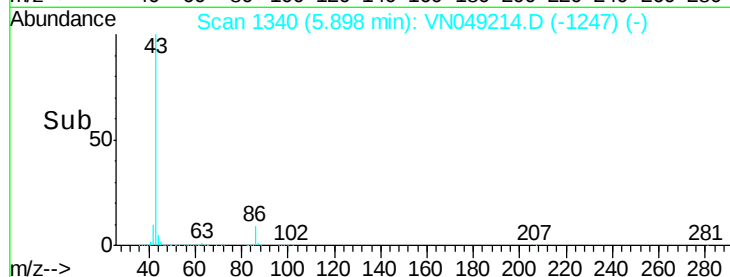
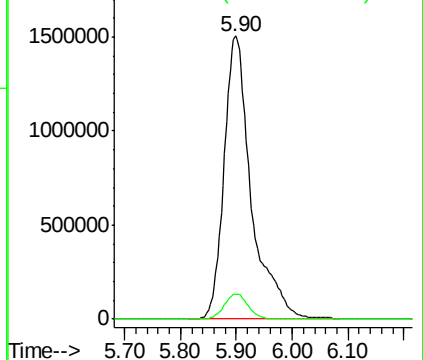
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 48.69 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

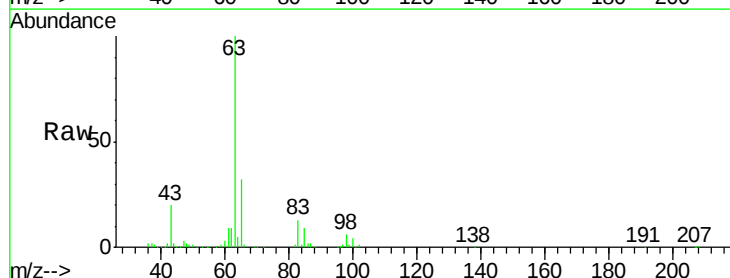
Tgt Ion: 63 Resp: 844046

Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

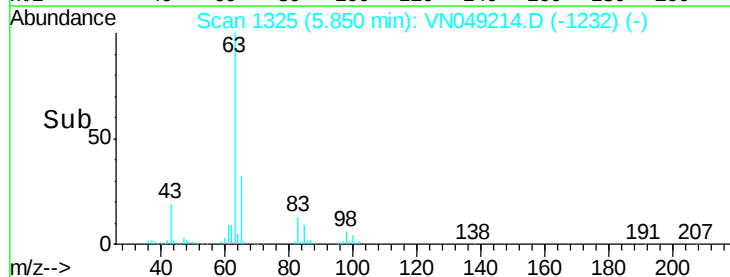
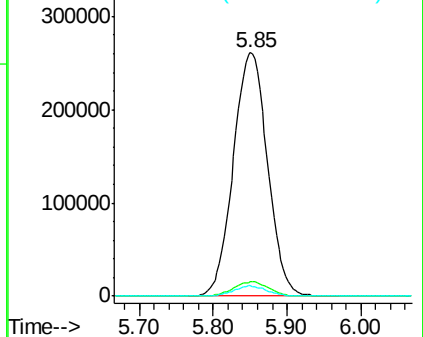
100 4.2 2.1 6.3

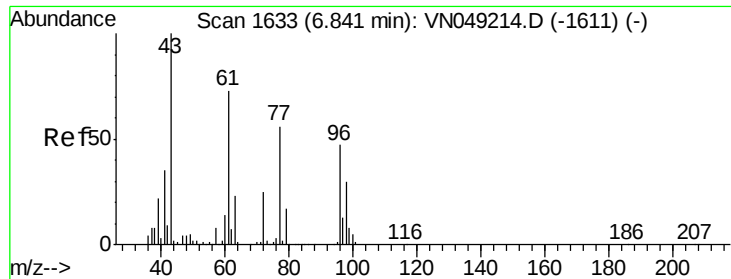


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 231.92 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 862700

Ion Ratio Lower Upper

43 100

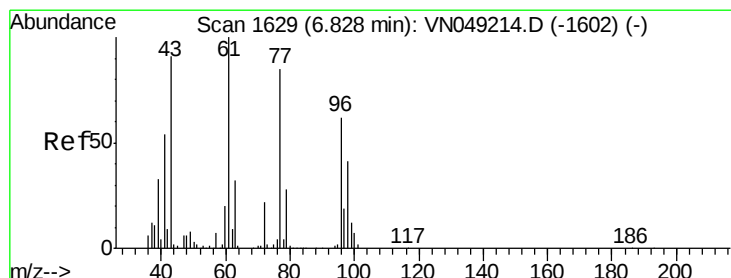
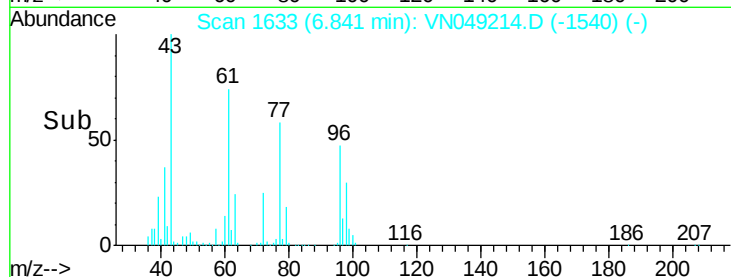
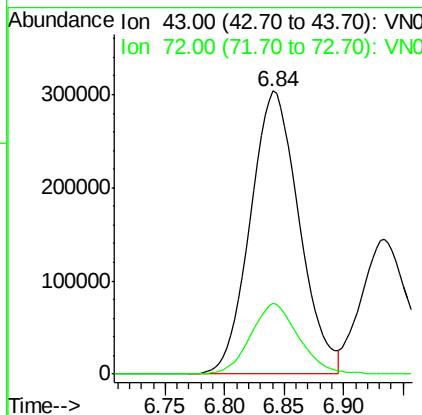
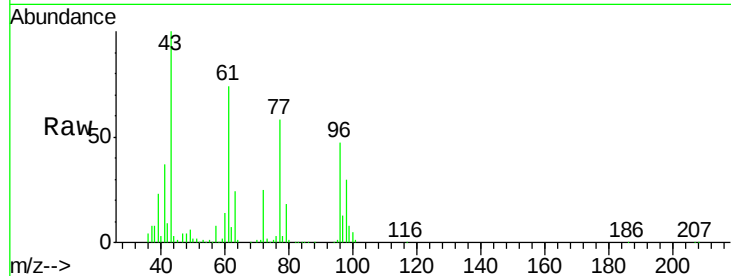
72 25.2 20.2 30.2

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#26

2,2-Dichloropropane

Concen: 49.58 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN049214.D

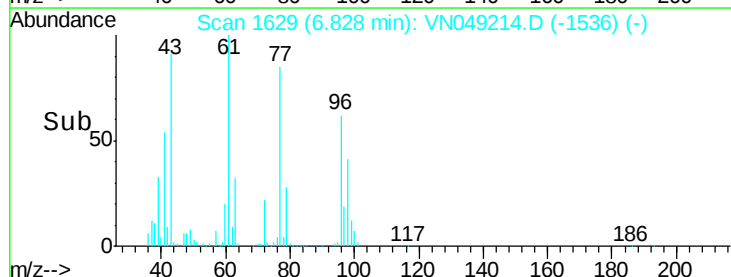
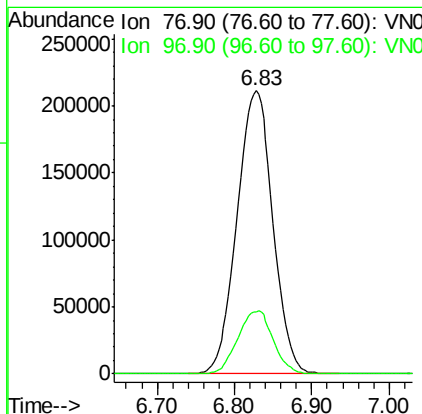
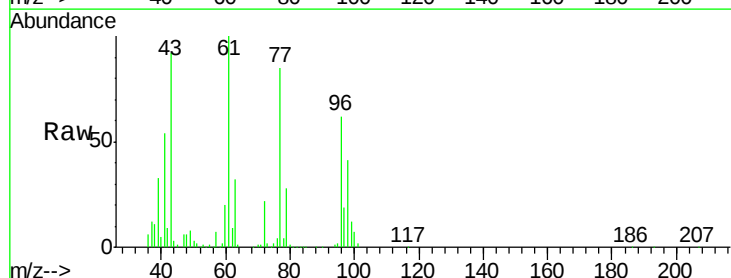
Acq: 13 Jun 2018 21:27

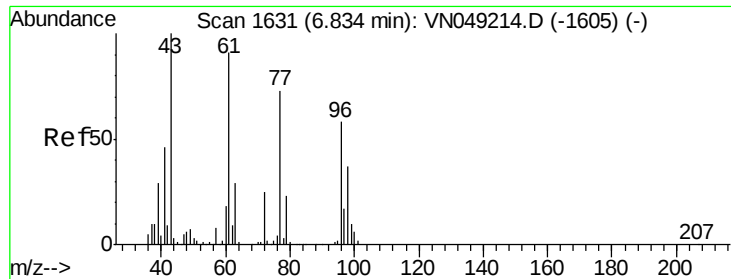
Tgt Ion: 77 Resp: 680098

Ion Ratio Lower Upper

77 100

97 22.0 11.0 33.0





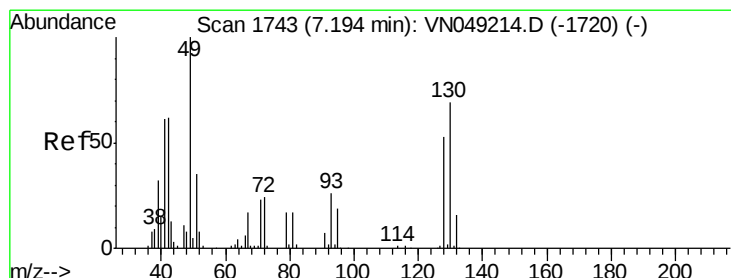
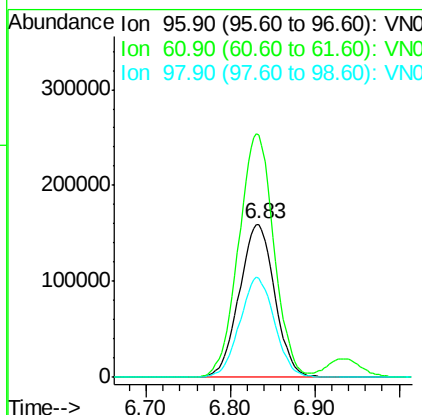
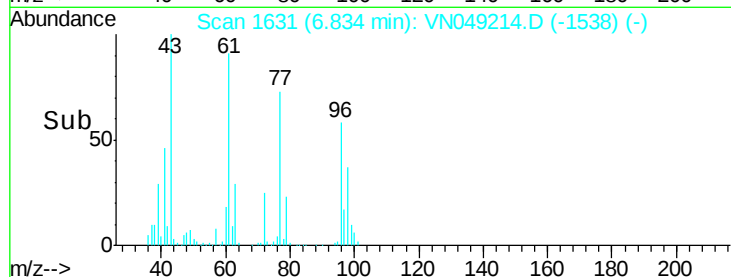
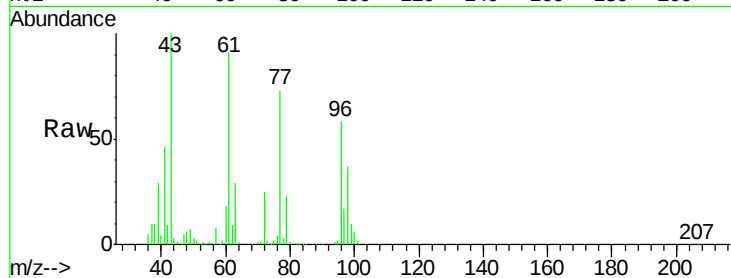
#27
 cis-1,2-Dichloroethene
 Concen: 48.81 ug/l
 RT: 6.83 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.2	0.0	316.4
98	64.2	0.0	128.4

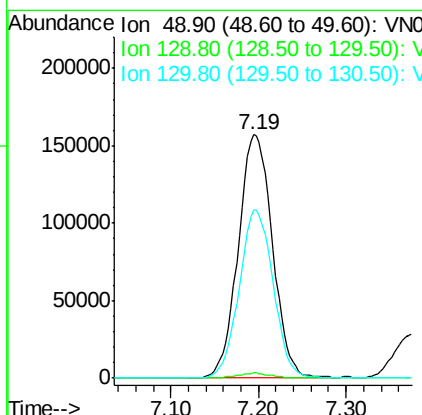
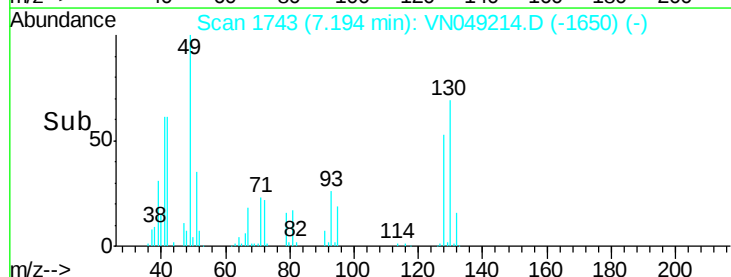
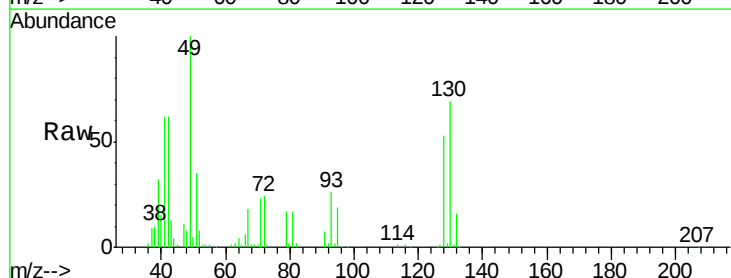
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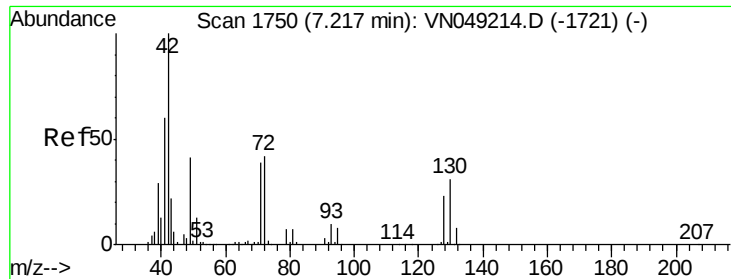
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#28
 Bromochloromethane
 Concen: 56.46 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	68.6	54.9	82.3





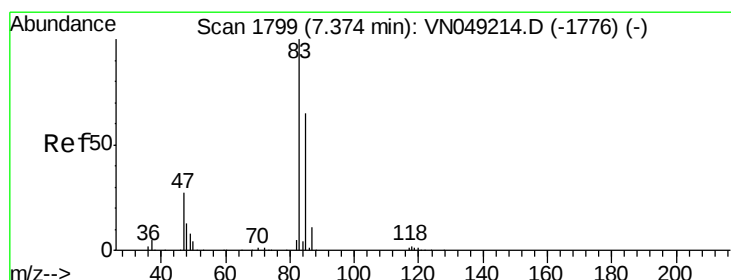
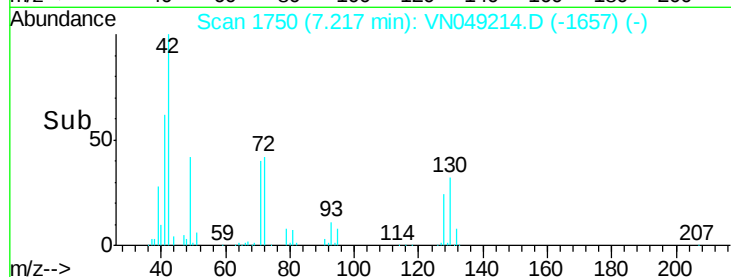
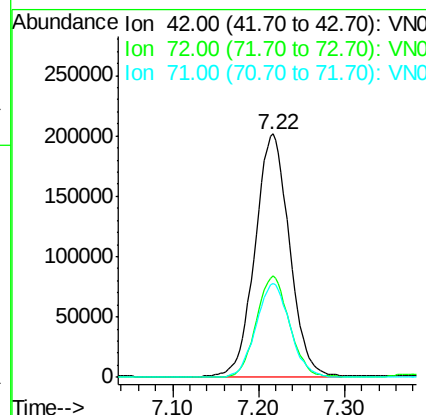
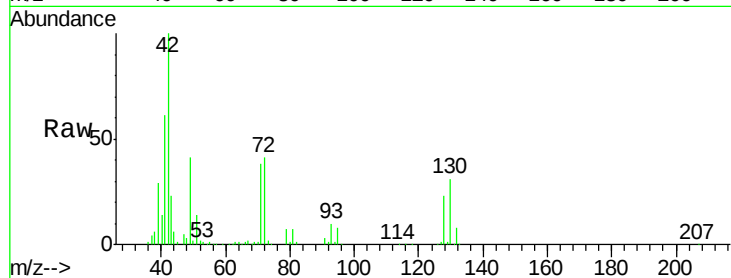
#29
Tetrahydrofuran
Concen: 234.77 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.3	32.2	48.4
71	38.1	30.5	45.7

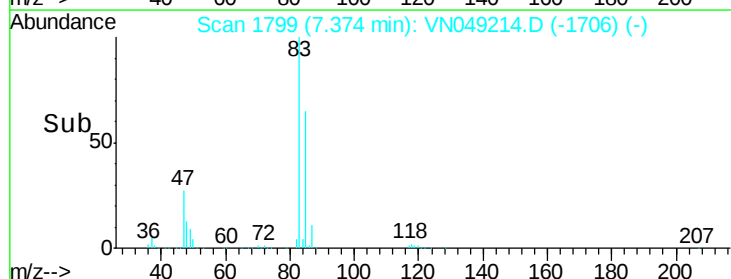
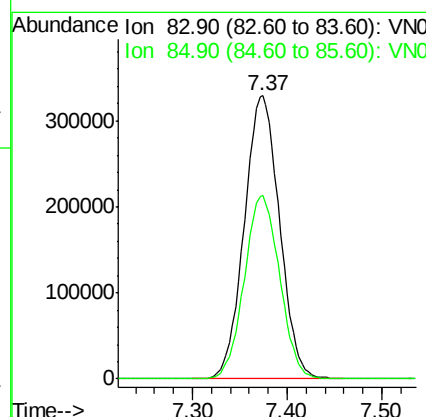
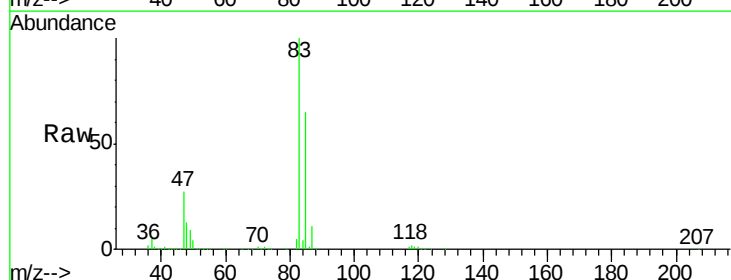
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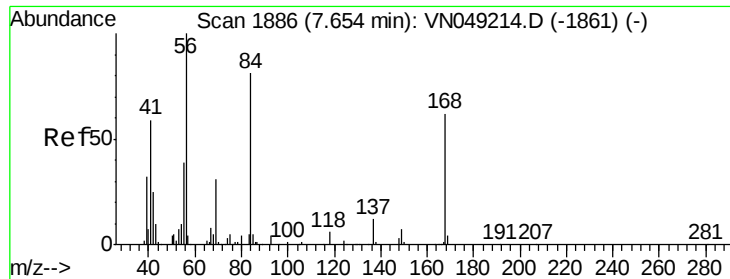
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#30
Chloroform
Concen: 50.55 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.7	77.5





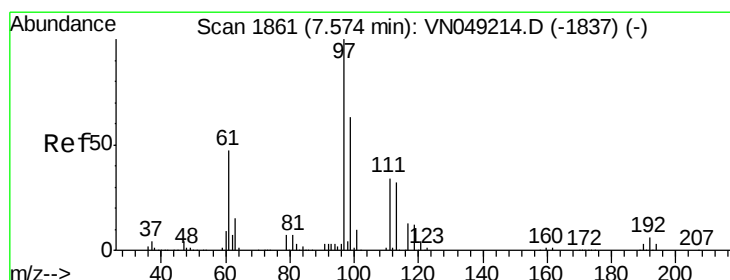
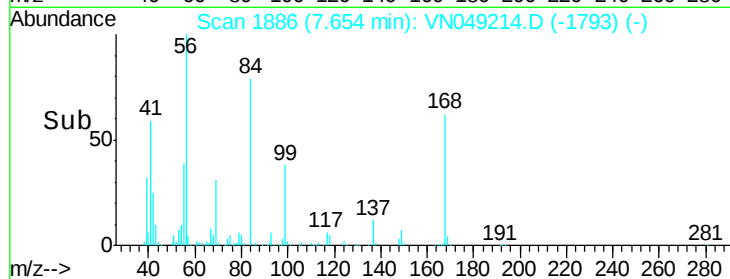
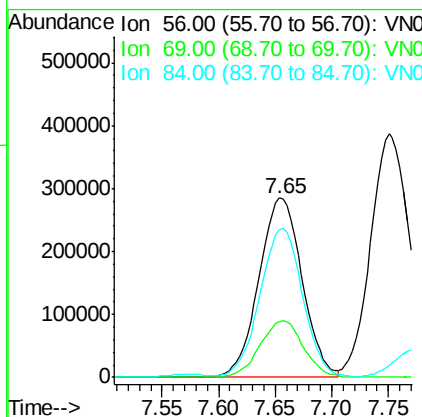
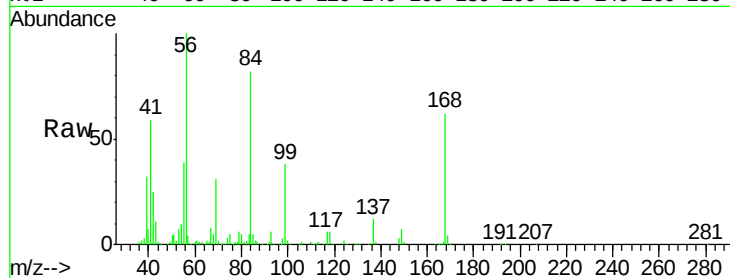
#31
Cyclohexane
Concen: 47.30 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.0	37.4
84	80.7	64.6	96.8

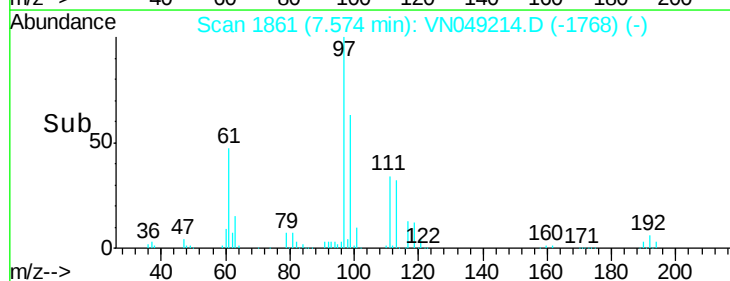
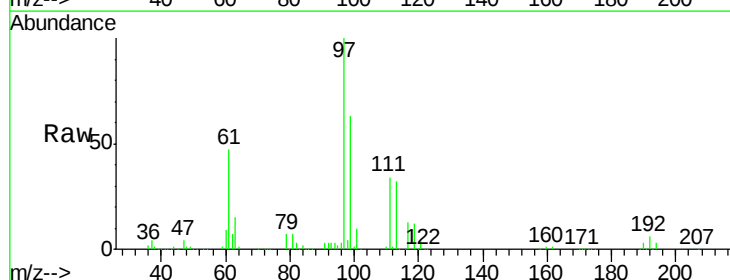
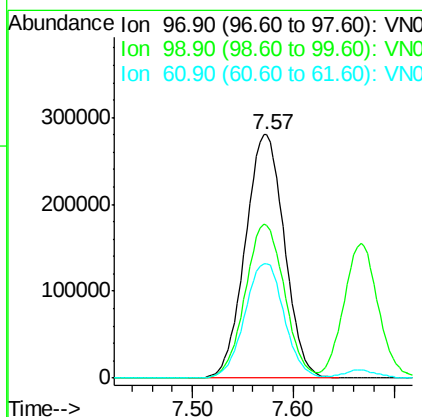
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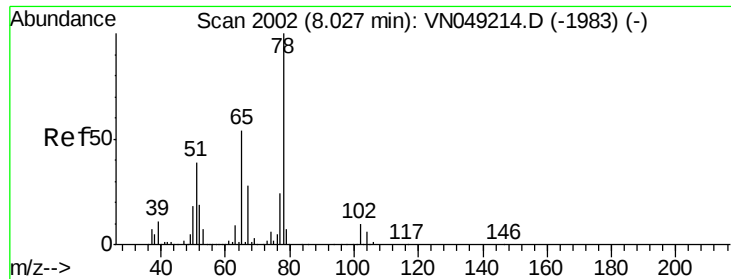
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#32
1,1,1-Trichloroethane
Concen: 52.42 ug/l
RT: 7.57 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	50.5	75.7
61	47.4	37.9	56.9





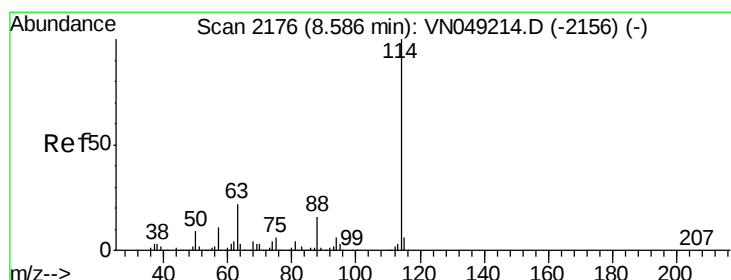
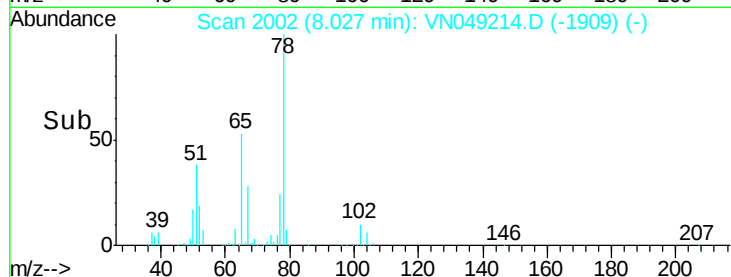
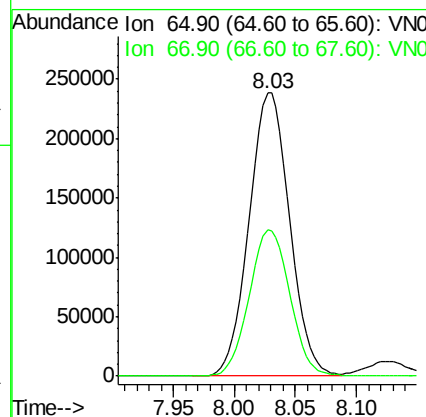
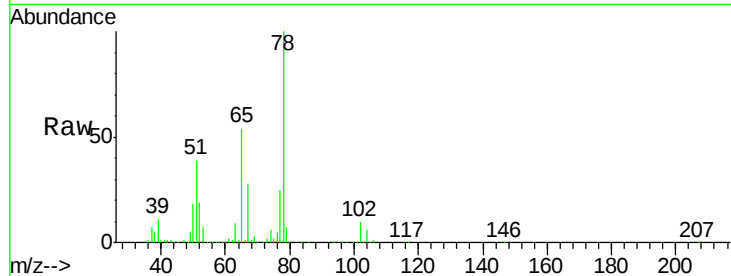
#33
 1,2-Dichloroethane-d4
 Concen: 52.52 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.8

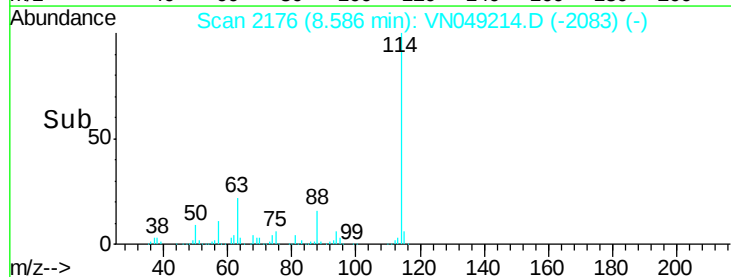
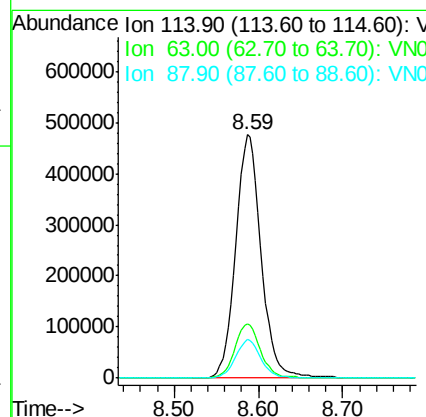
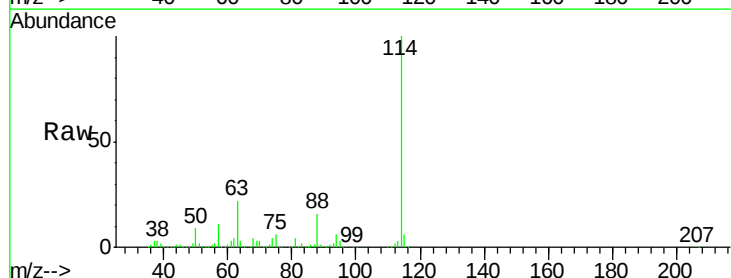
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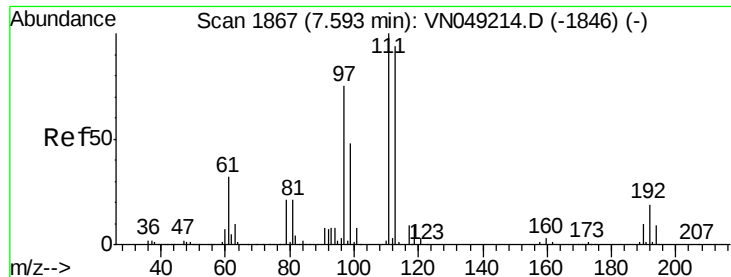
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.4
88	15.7	0.0	31.4





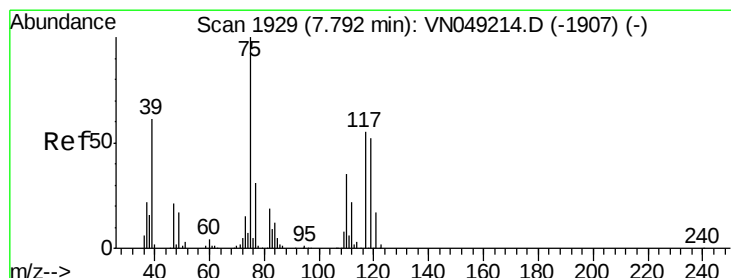
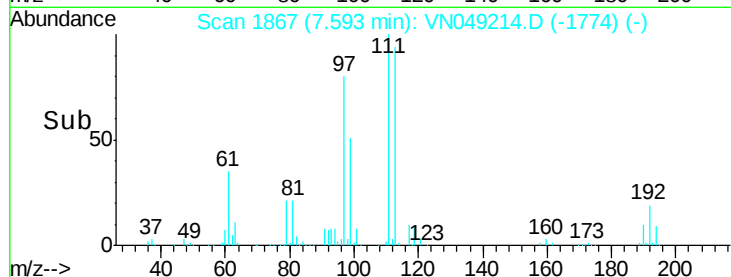
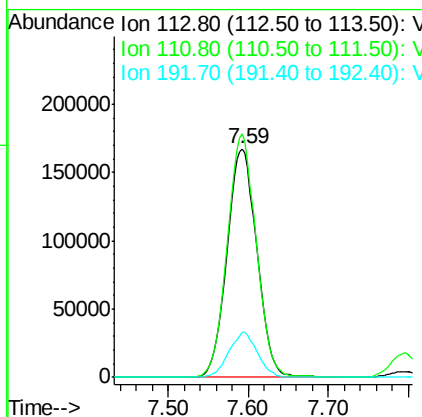
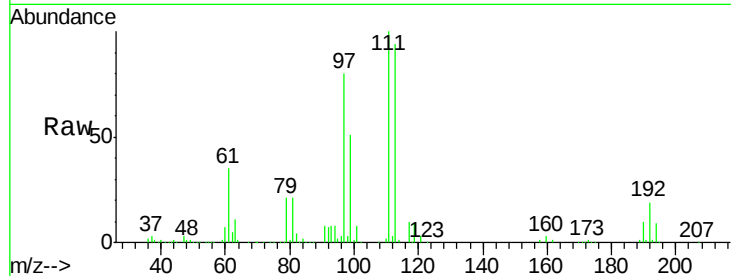
#35
 Dibromofluoromethane
 Concen: 51.34 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	423943		
111	103.0	82.4	123.6	
192	18.8	15.0	22.6	

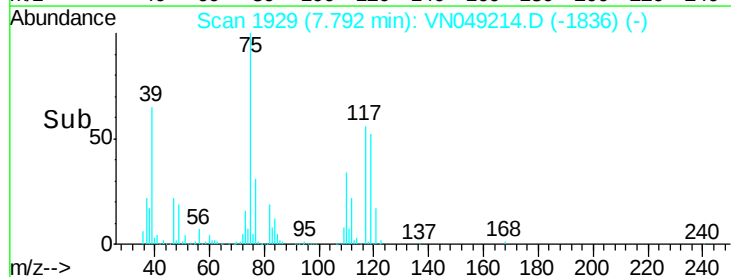
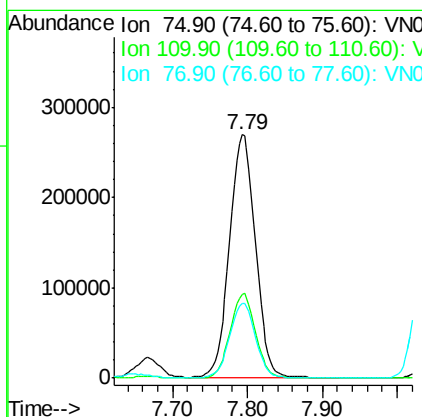
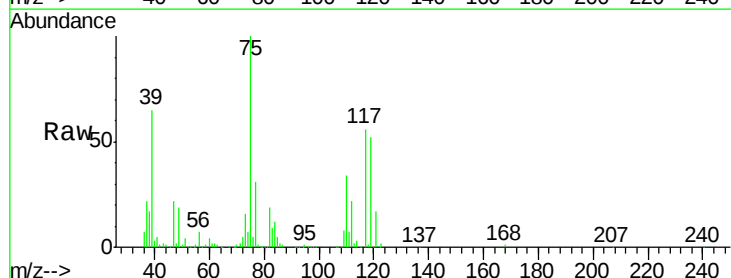
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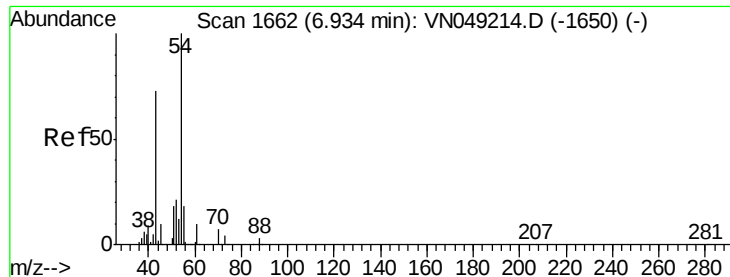
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#36
 1,1-Dichloropropene
 Concen: 52.05 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	651452		
110	33.9	17.0	50.9	
77	30.5	24.4	36.6	





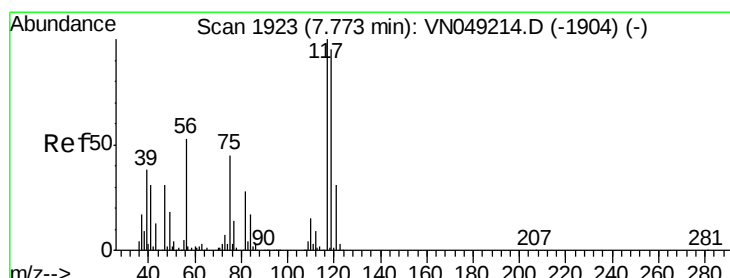
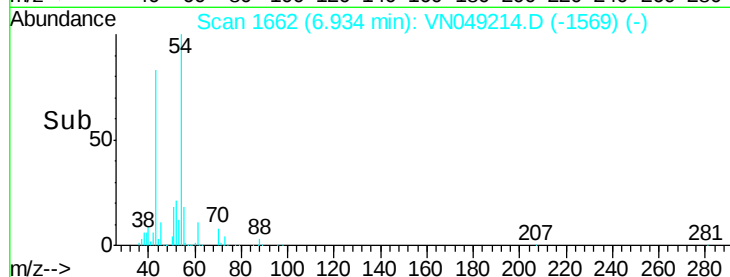
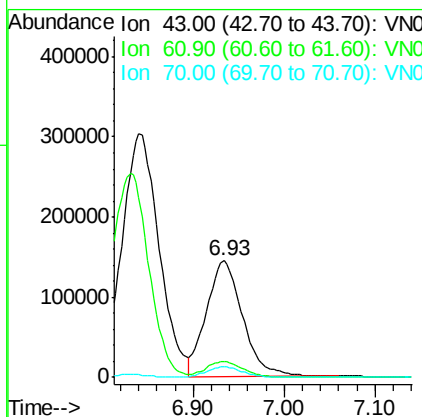
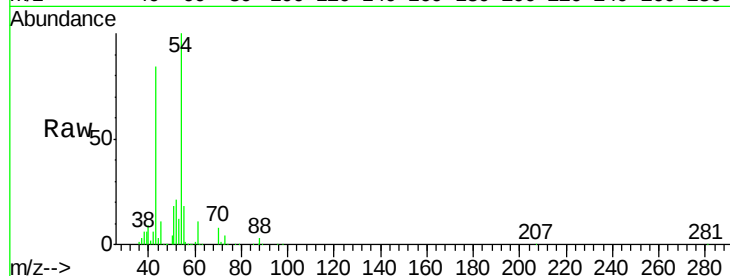
#37
Ethyl Acetate
Concen: 49.89 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	9.0	7.2	10.8

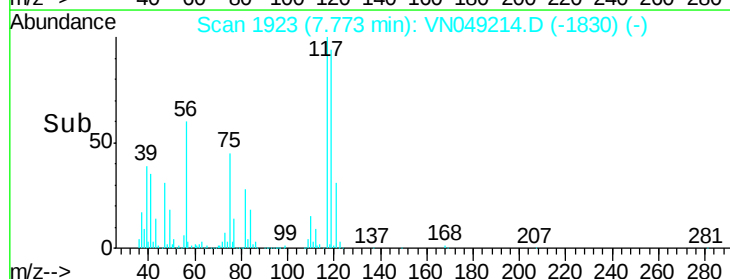
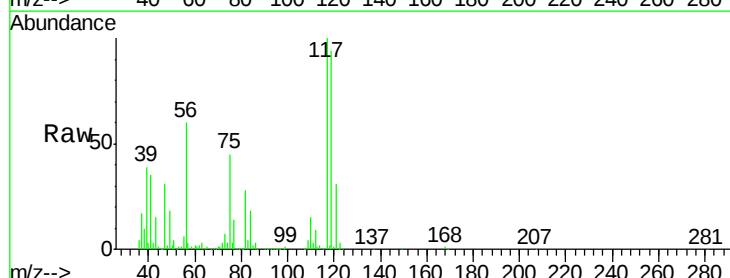
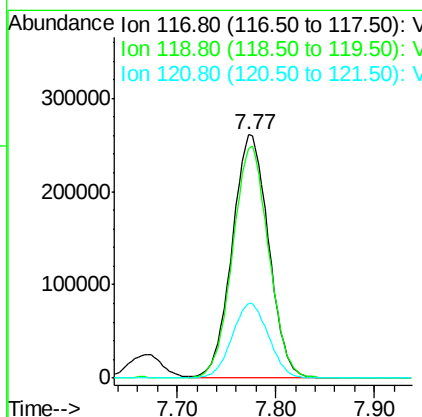
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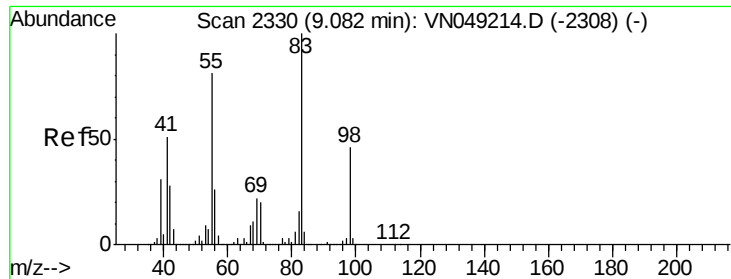
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#38
Carbon Tetrachloride
Concen: 54.20 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.6	113.4
121	30.9	24.7	37.1





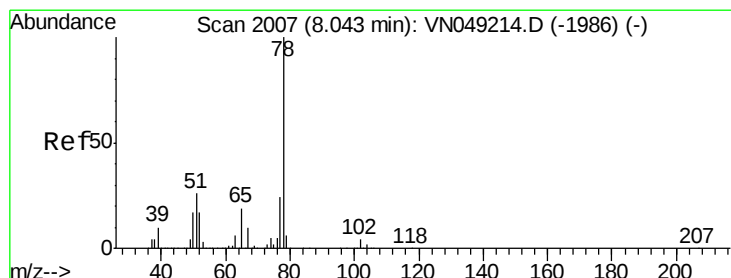
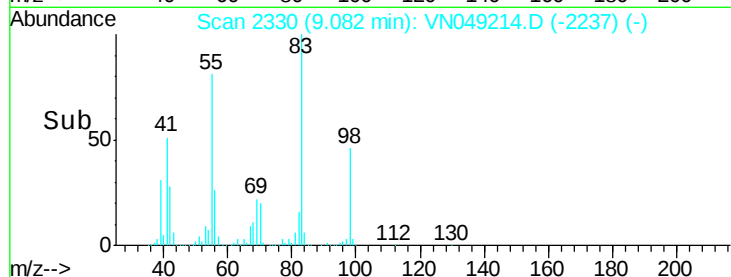
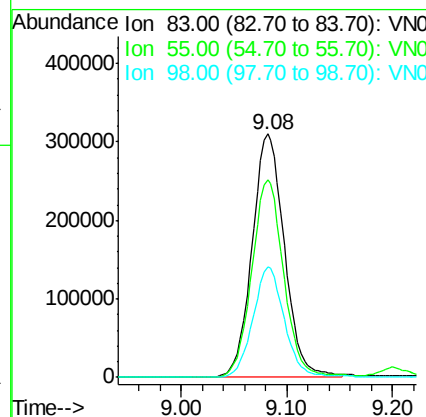
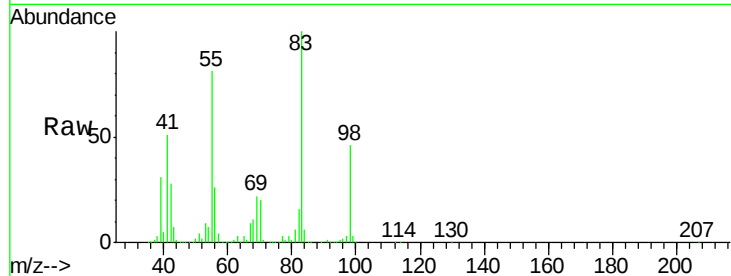
#39
Methvlcvclohexane
Concen: 50.62 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.4	65.1	97.7
98	45.6	36.5	54.7

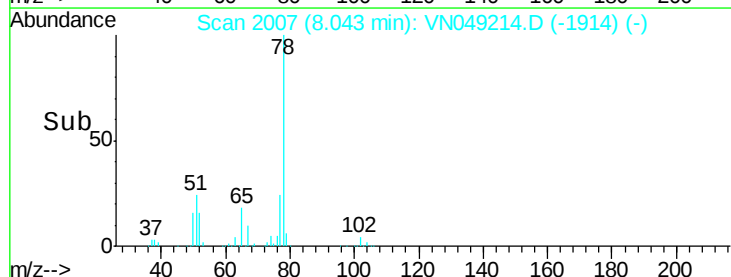
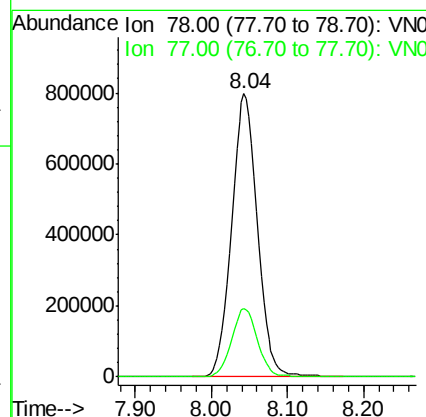
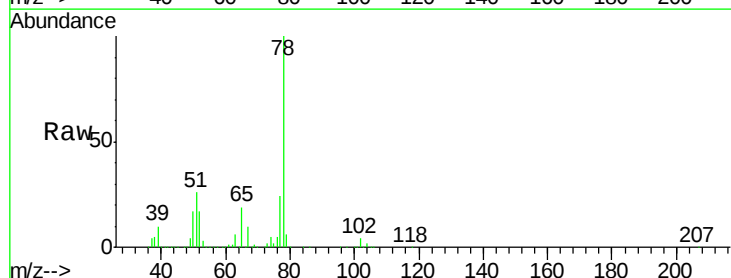
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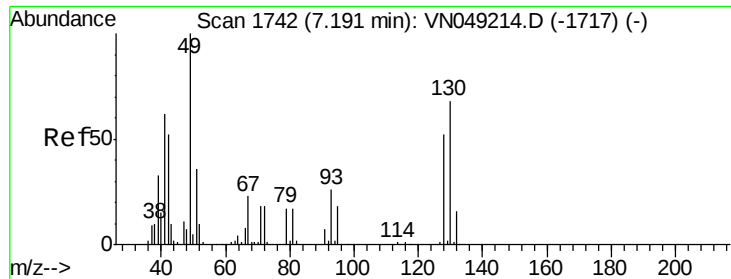
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#40
Benzene
Concen: 50.07 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.4	29.0





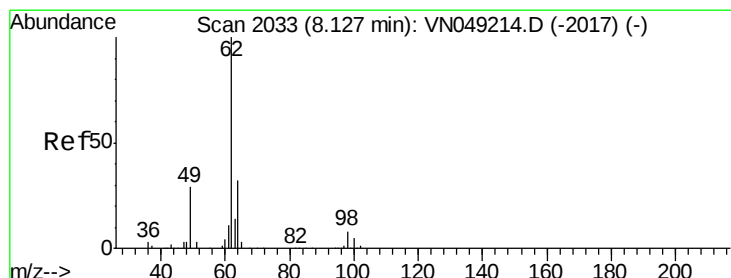
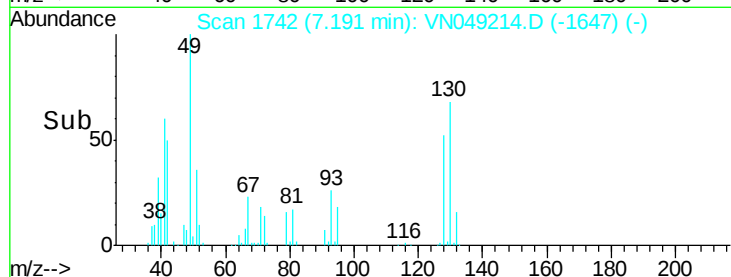
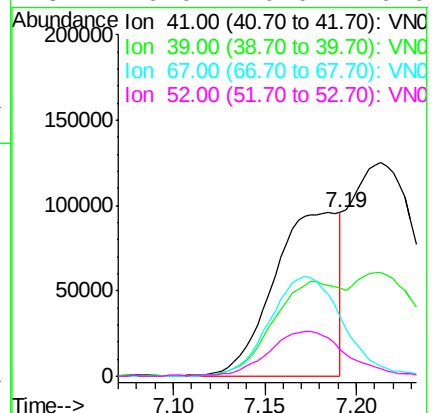
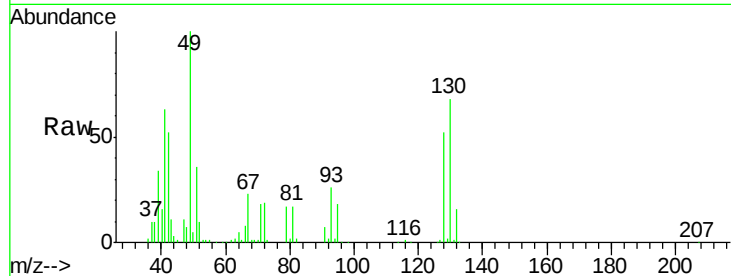
#41
Methacrylonitrile
Concen: 54.25 ug/l m
RT: 7.19 min Scan# 1742
Delta R.T. 0.01 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
41	100	239655		
39	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0

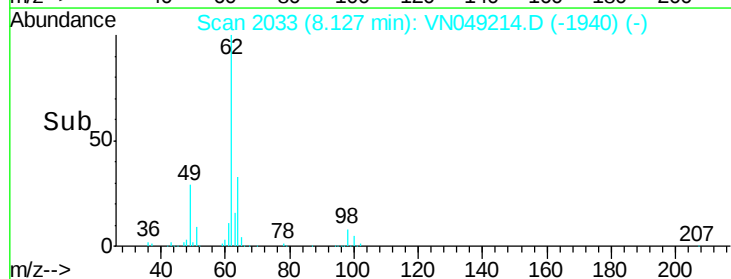
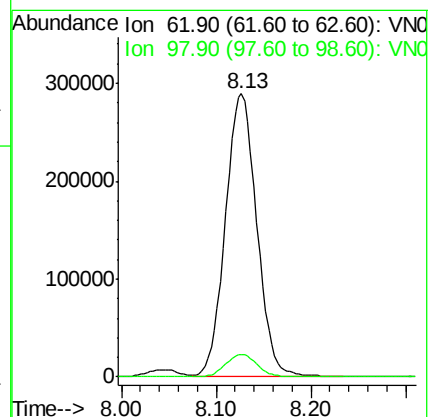
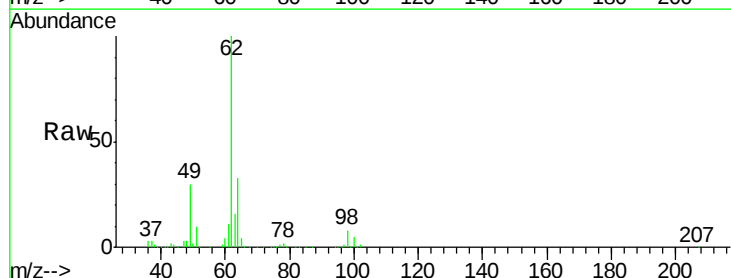
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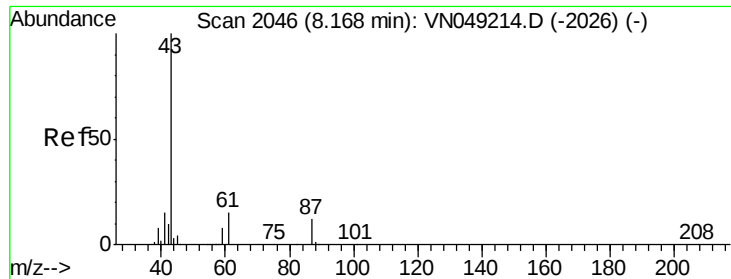
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#42
1,2-Dichloroethane
Concen: 54.52 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	665427		
98	8.1	0.0	16.2	





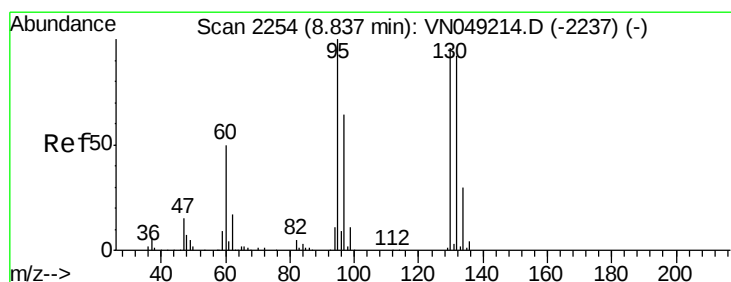
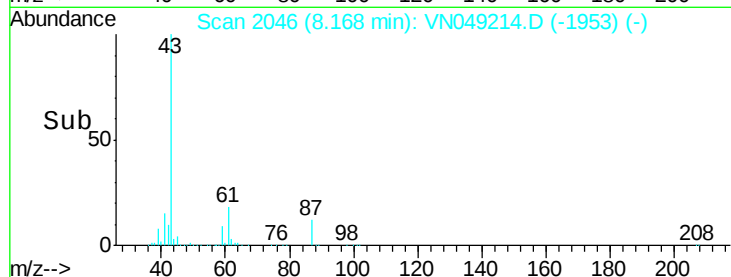
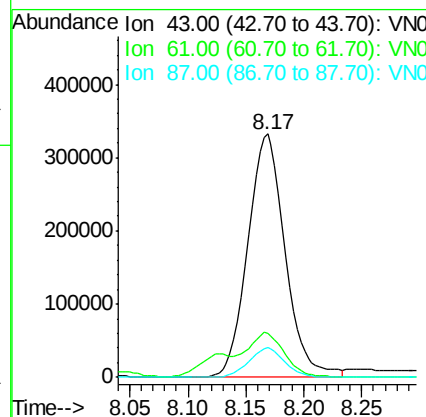
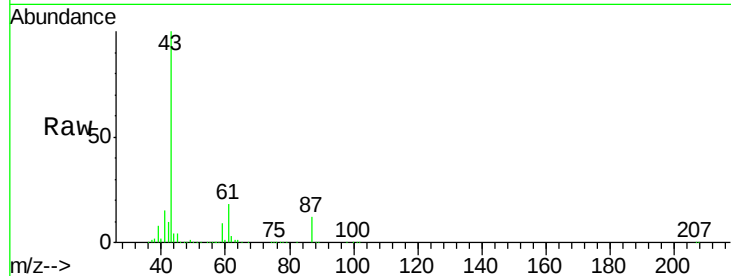
#43
Isopropyl Acetate
Concen: 48.57 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.2	21.4
87	11.7	9.4	14.0

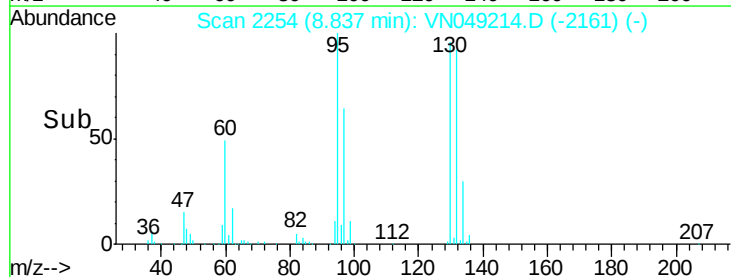
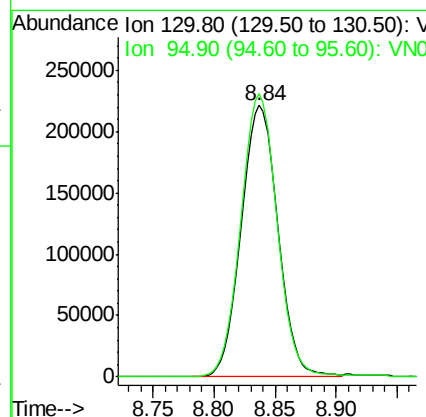
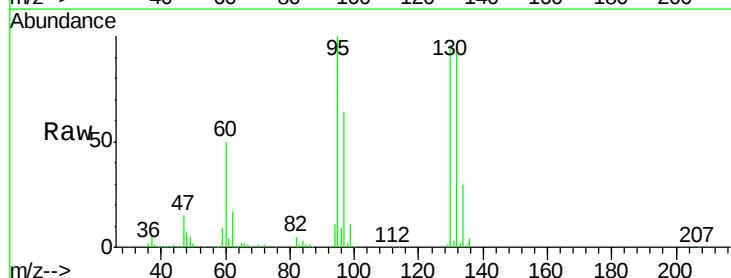
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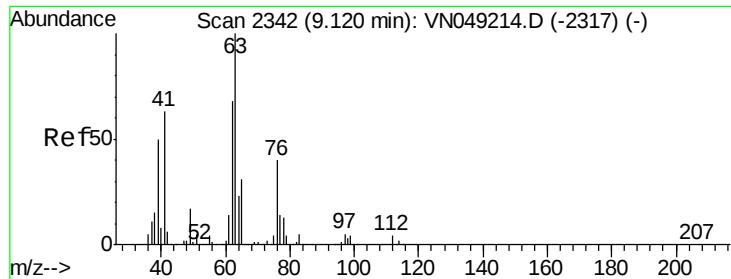
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#44
Trichloroethene
Concen: 50.25 ug/l
RT: 8.84 min Scan# 2254
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.3	0.0	208.6





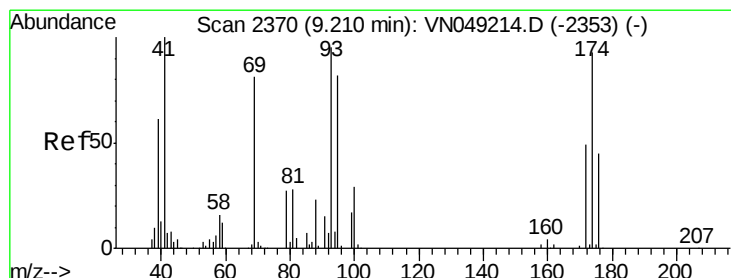
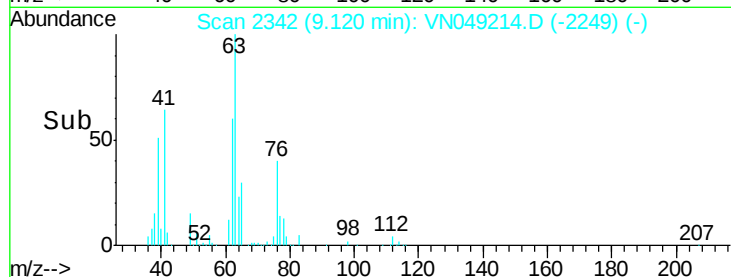
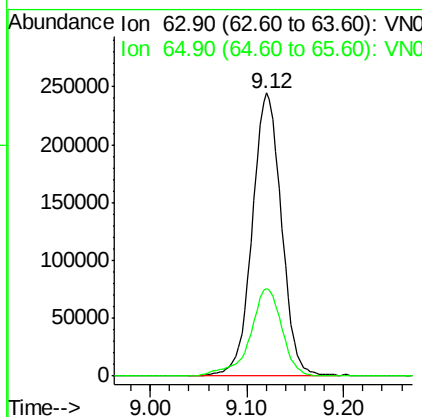
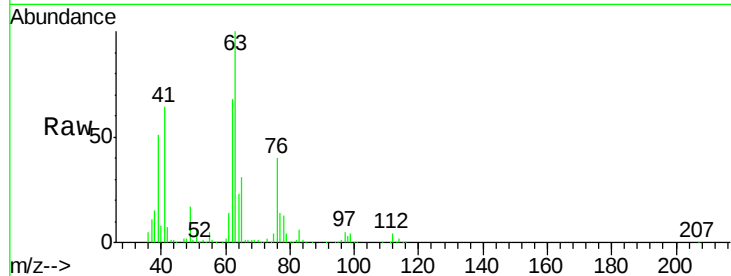
#45
 1,2-Dichloropropane
 Concen: 49.97 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

Tot Ion: 63 Resp: 513226
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.8 37.2

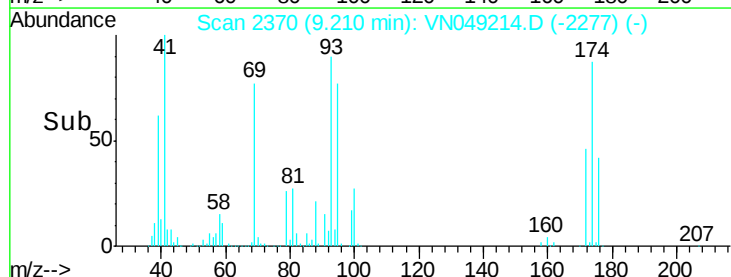
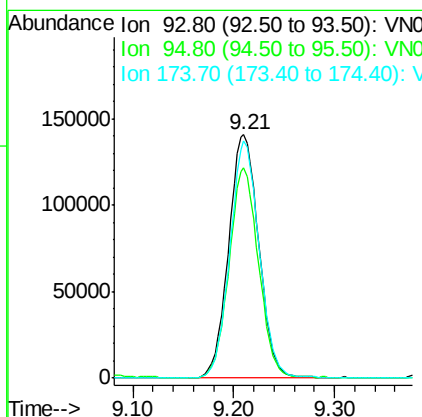
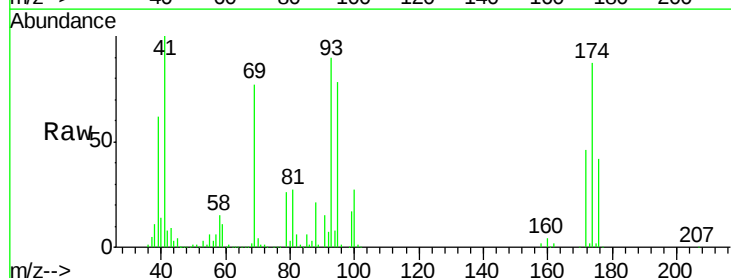
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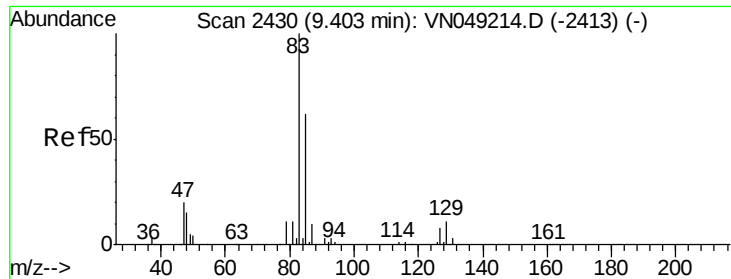
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#46
 Dibromomethane
 Concen: 51.41 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Tgt Ion: 93 Resp: 294124
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.2 100.8
 174 94.5 75.6 113.4





#47

Bromodichloromethane

Concen: 52.93 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

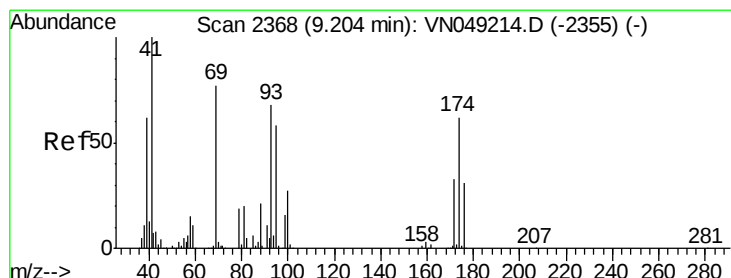
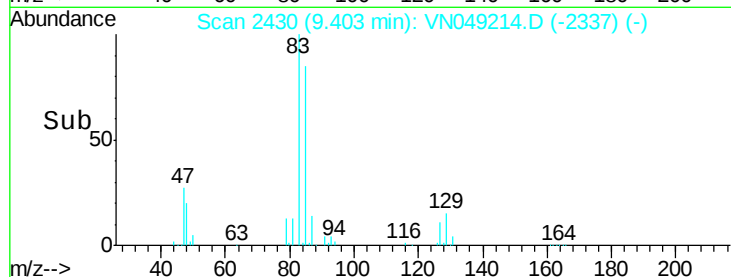
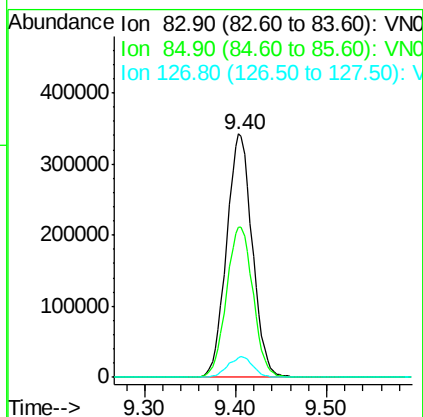
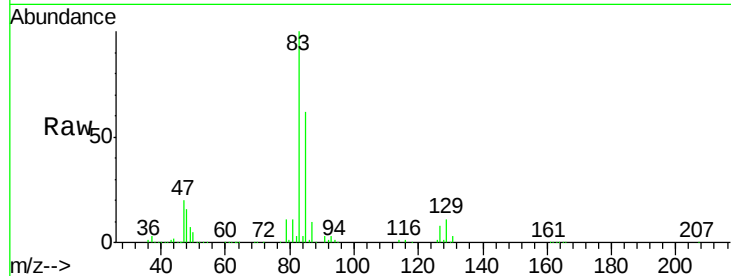
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	671927
Ion Ratio	Lower	Upper	
83	100		
85	61.7	49.4	74.0
127	7.9	6.3	9.5

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#48

Methyl methacrylate

Concen: 50.99 ug/l

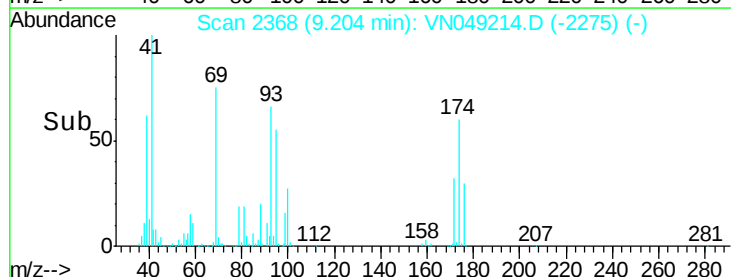
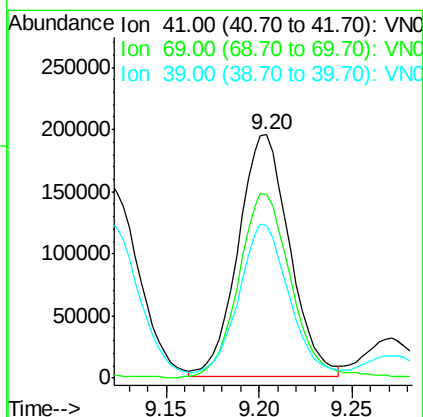
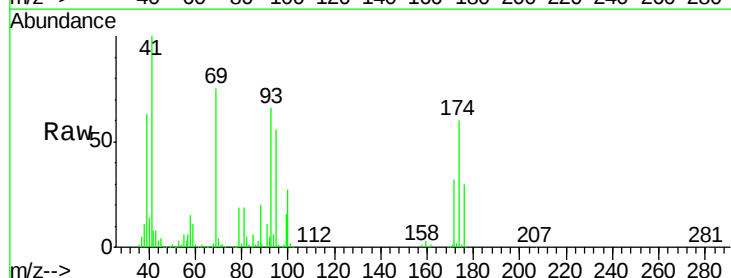
RT: 9.20 min Scan# 2368

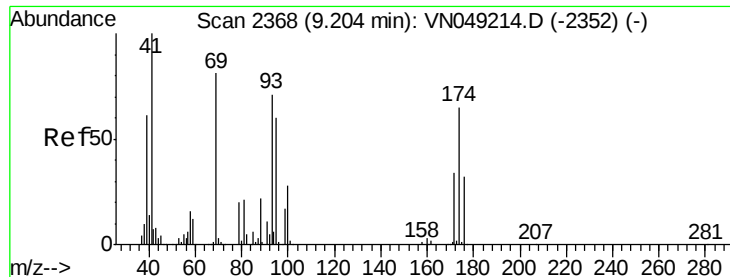
Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Tgt Ion:	41	Resp:	372651
Ion Ratio	Lower	Upper	
41	100		
69	77.5	62.0	93.0
39	63.2	50.6	75.8





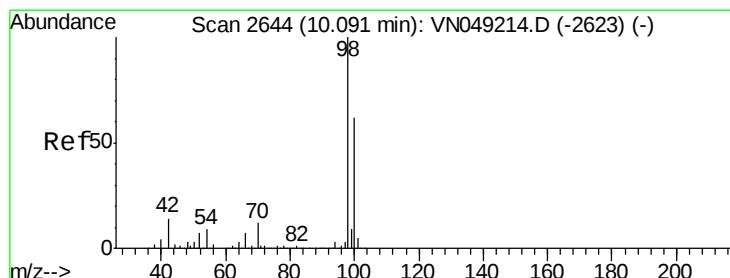
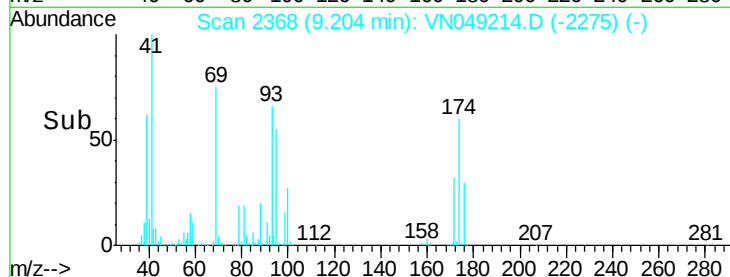
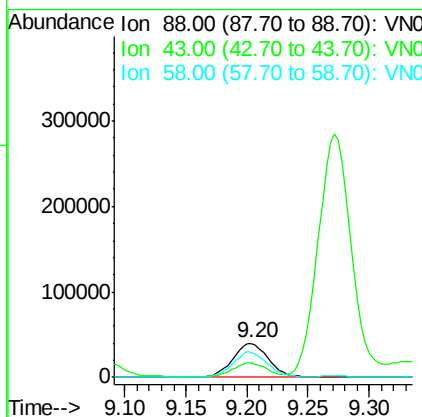
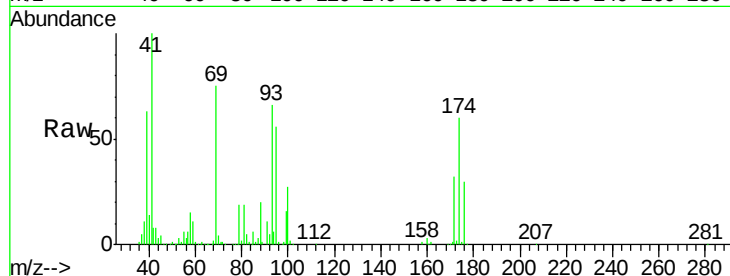
#49
1,4-Dioxane
Concen: 980.87 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.6	30.9	46.3
58	73.6	58.9	88.3

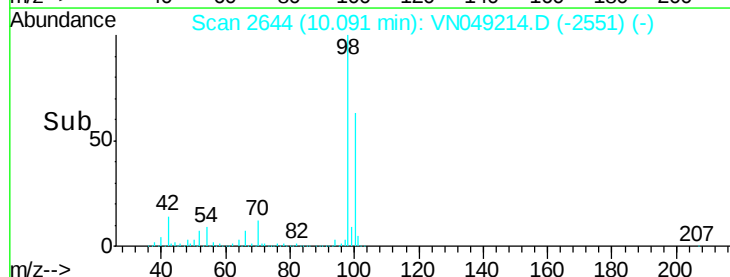
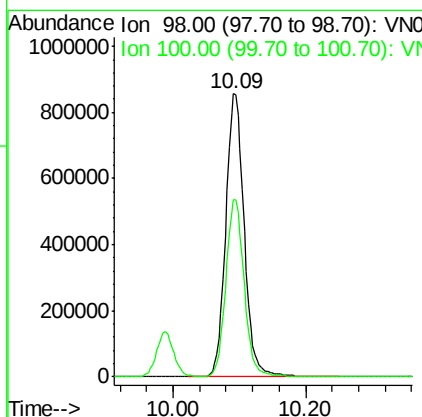
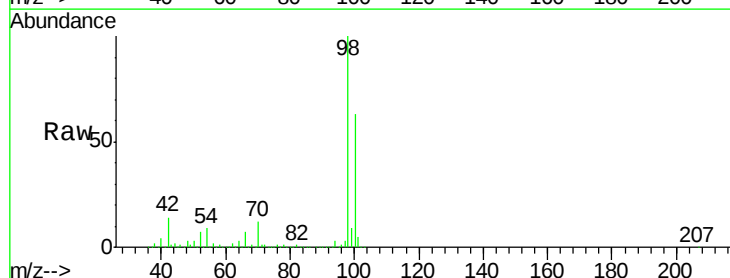
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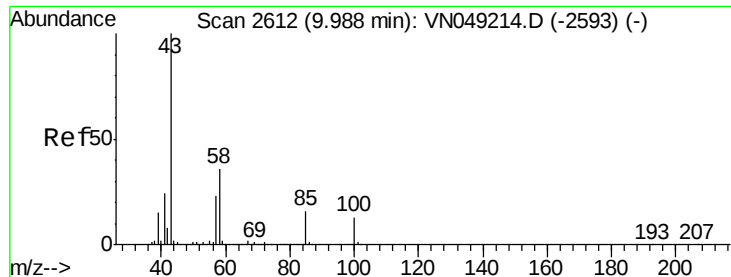
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#50
Toluene-d8
Concen: 51.76 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.3	49.8	74.8





#51

4-Methyl-2-Pentanone

Concen: 247.46 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 2001738

Ion Ratio Lower Upper

43 100

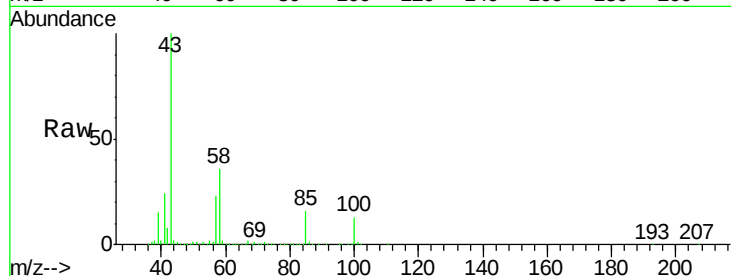
58 36.3 29.0 43.6

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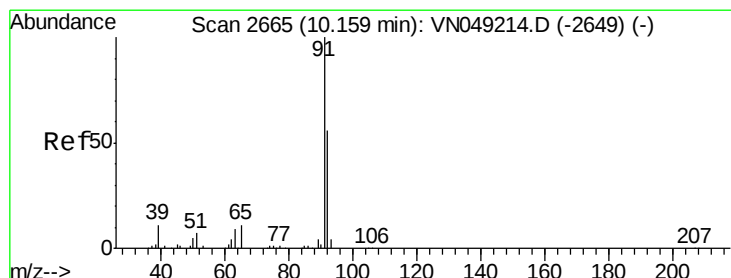
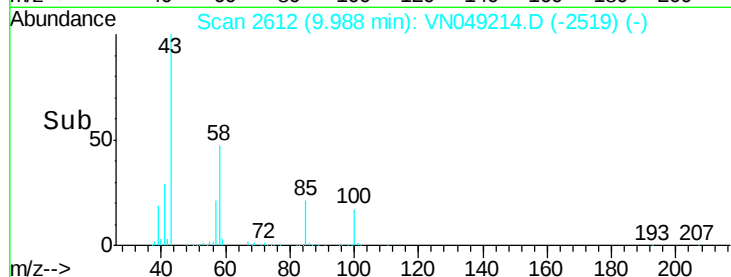
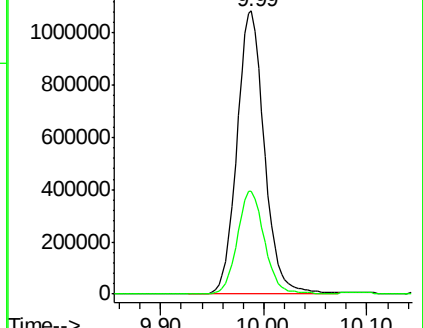
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VN049214.D (-2593) (-)

Ion 58.00 (57.70 to 58.70): VN049214.D (-2593) (-)



#52

Toluene

Concen: 50.94 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN049214.D

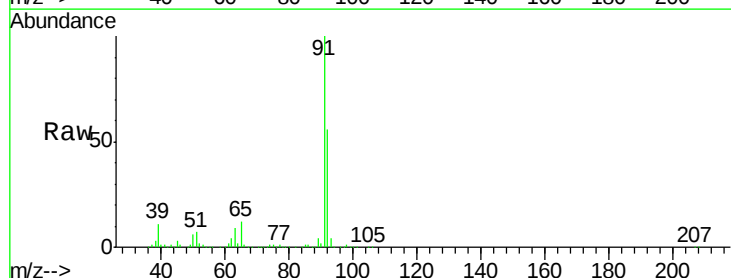
Acq: 13 Jun 2018 21:27

Tgt Ion: 92 Resp: 1145321

Ion Ratio Lower Upper

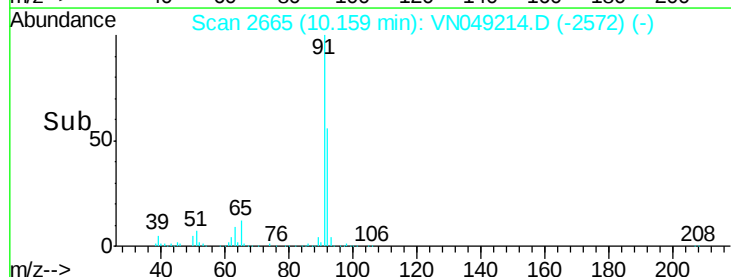
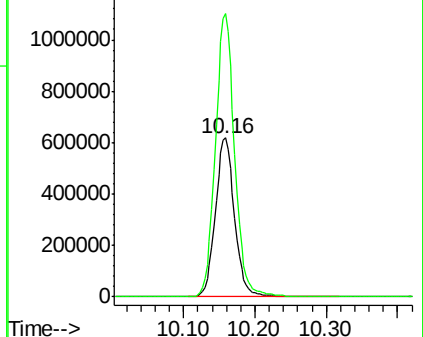
92 100

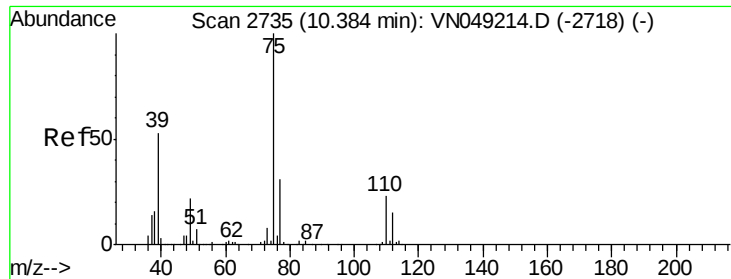
91 179.3 143.4 215.2



Abundance Ion 92.00 (91.70 to 92.70): VN049214.D (-2649) (-)

Ion 91.00 (90.70 to 91.70): VN049214.D (-2649) (-)





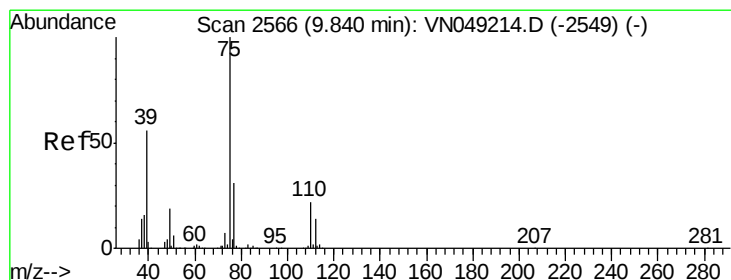
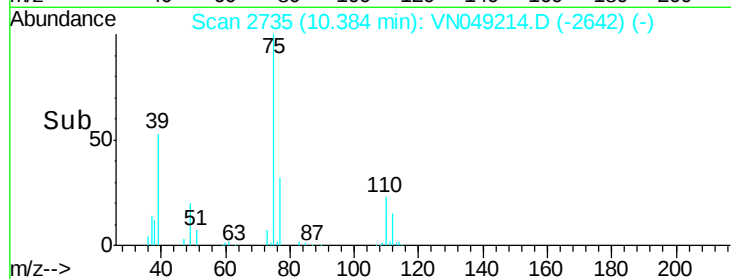
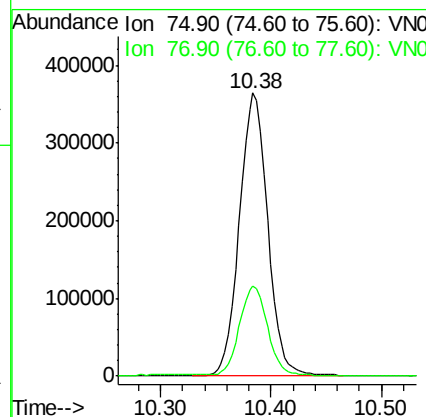
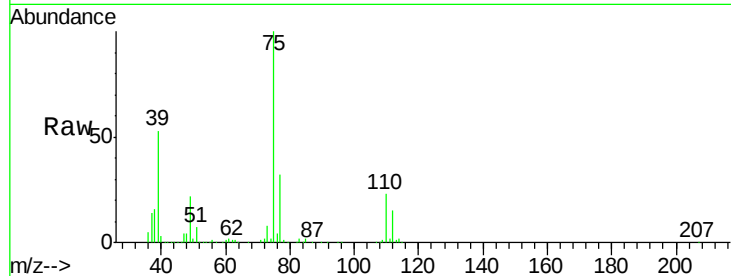
#53
t-1,3-Dichloropropene
Concen: 51.33 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion: 75 Resp: 649704
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8

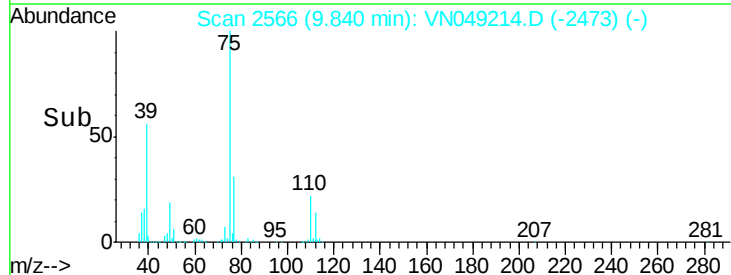
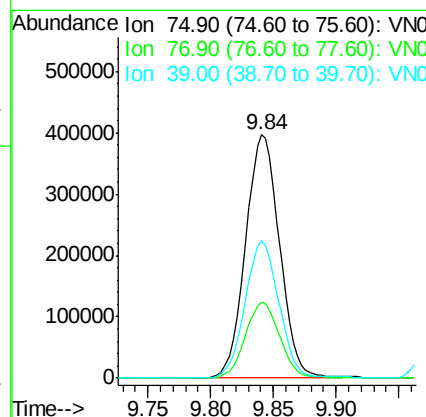
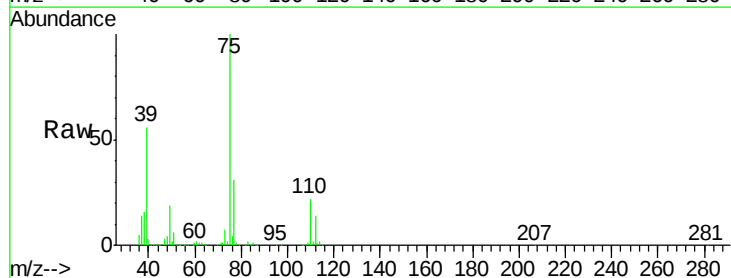
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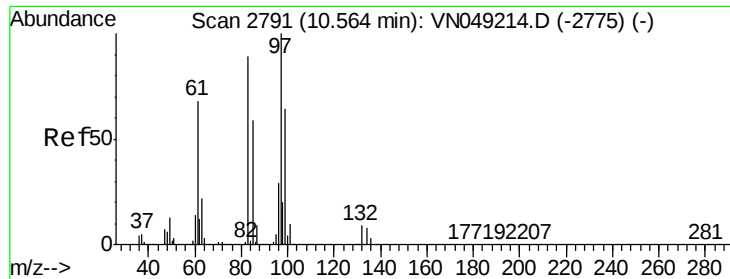
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#54
cis-1,3-Dichloropropene
Concen: 51.03 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion: 75 Resp: 750114
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2
39 56.4 45.1 67.7





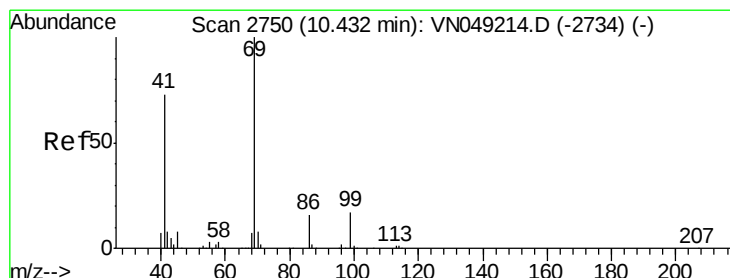
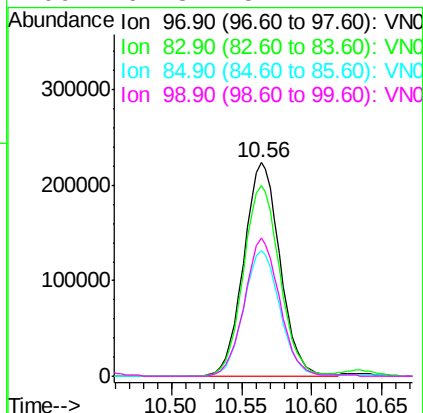
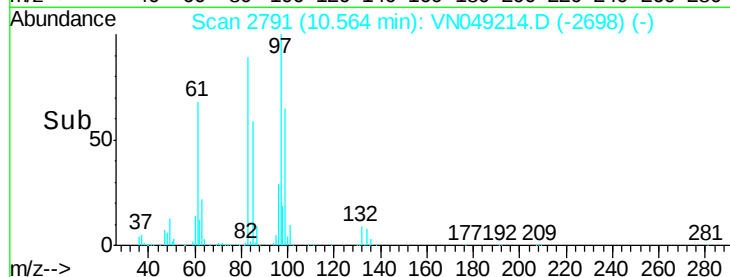
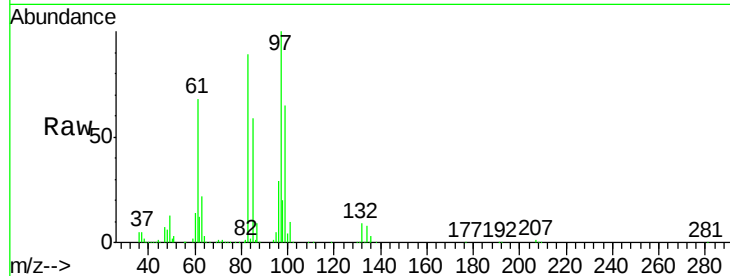
#55
 1,1,2-Trichloroethane
 Concen: 50.39 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	403773
Ion	Ratio	Lower	Upper
97	100		
83	89.4	71.5	107.3
85	58.7	47.0	70.4
99	64.3	51.4	77.2

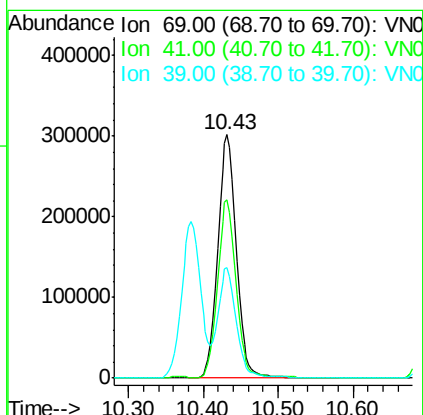
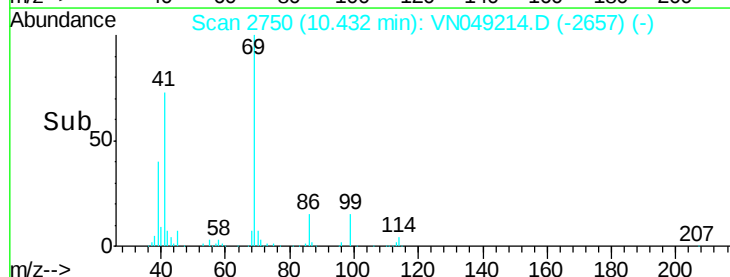
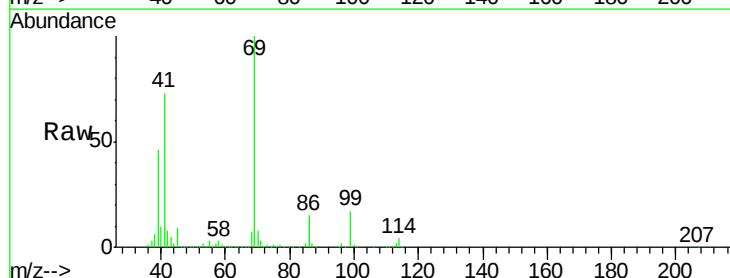
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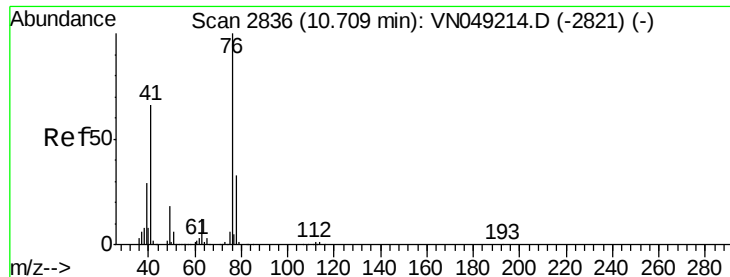
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#56
 Ethyl methacrylate
 Concen: 49.96 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Tgt Ion:	69	Resp:	519898
Ion	Ratio	Lower	Upper
69	100		
41	73.0	58.4	87.6
39	44.4	35.5	53.3





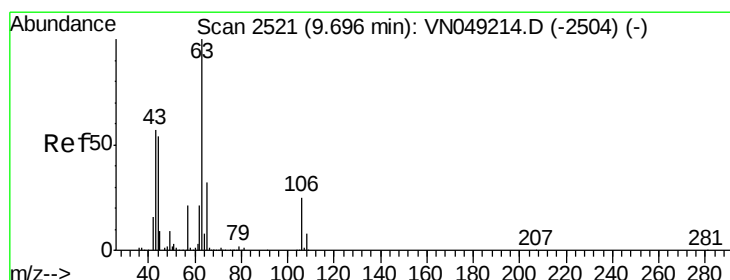
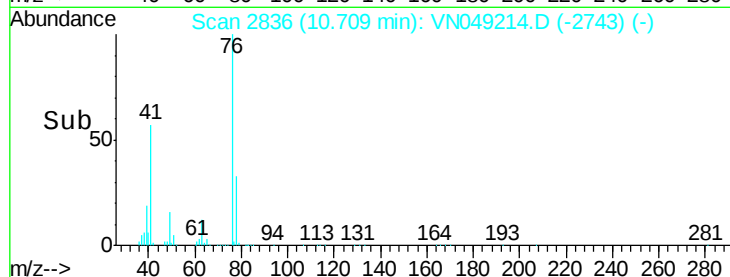
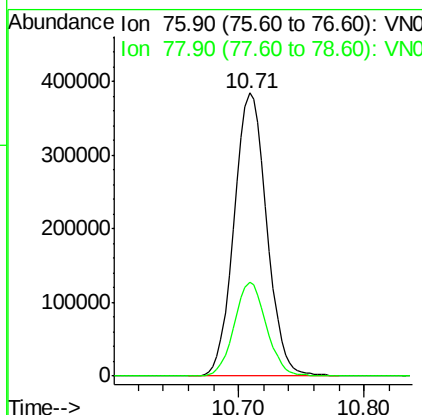
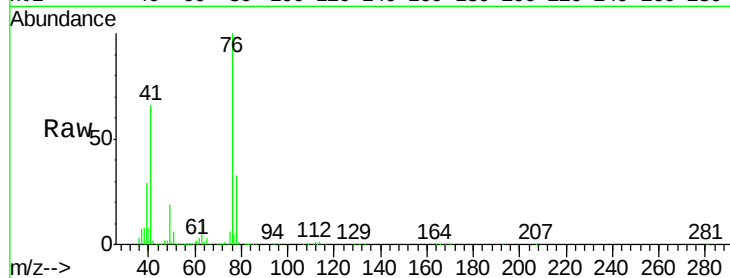
#57
 1,3-Dichloropropane
 Concen: 49.87 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

Tot Ion: 76 Resp: 695895
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.3 39.5

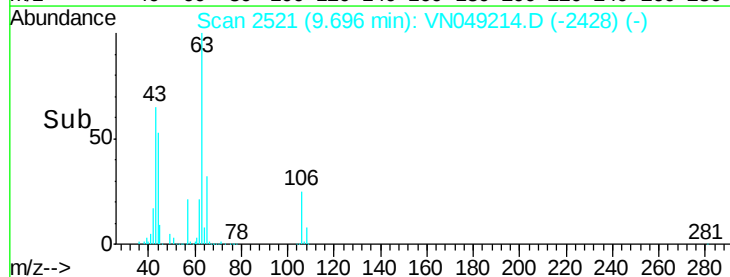
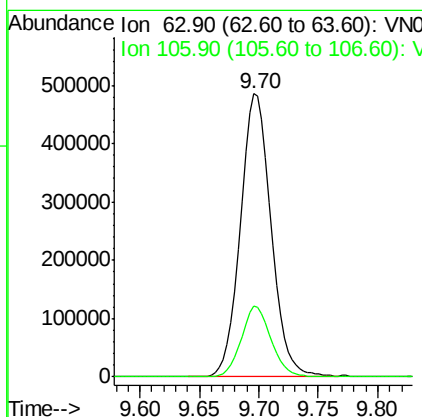
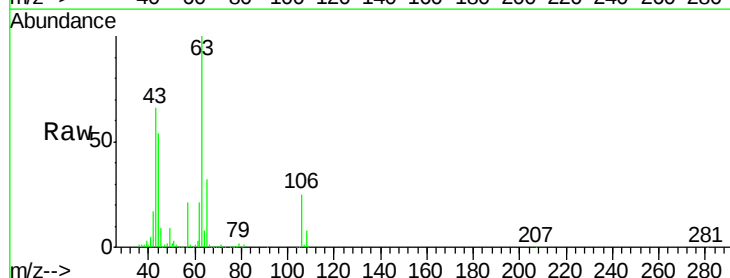
Manual Integrations
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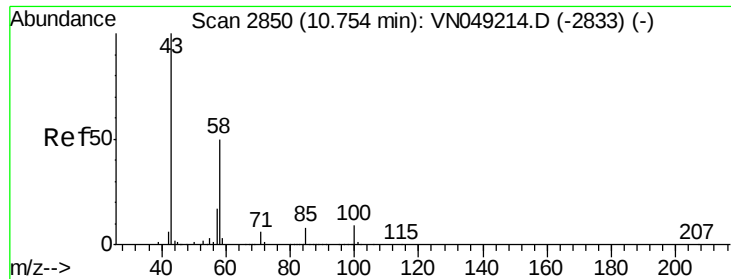
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 252.85 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Tgt Ion: 63 Resp: 869901
 Ion Ratio Lower Upper
 63 100
 106 24.3 19.4 29.2





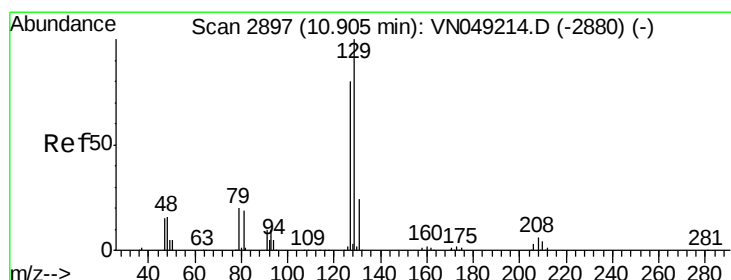
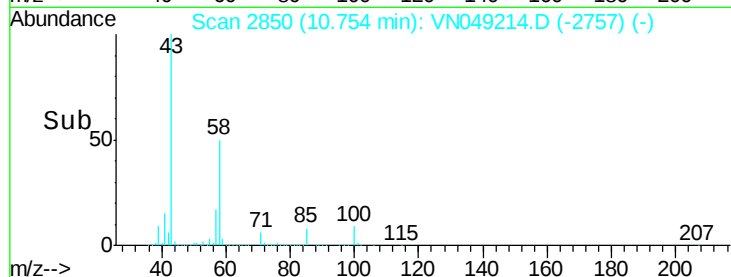
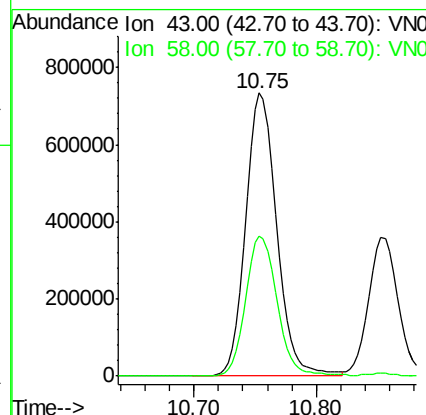
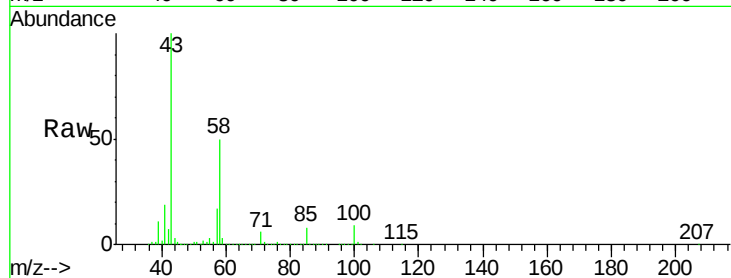
#59
2-Hexanone
Concen: 246.00 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 1280772
Ion Ratio Lower Upper
43 100
58 50.4 25.2 75.6

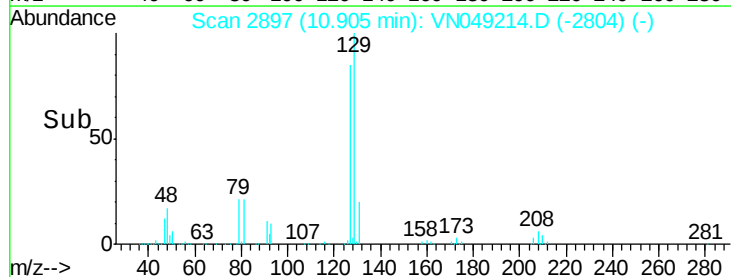
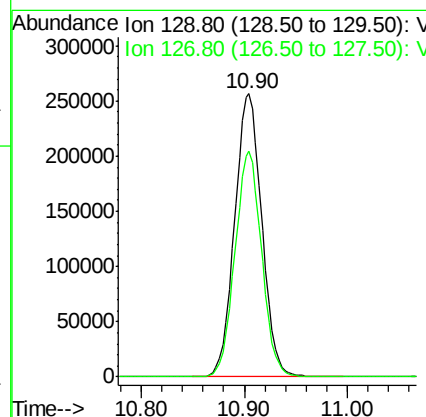
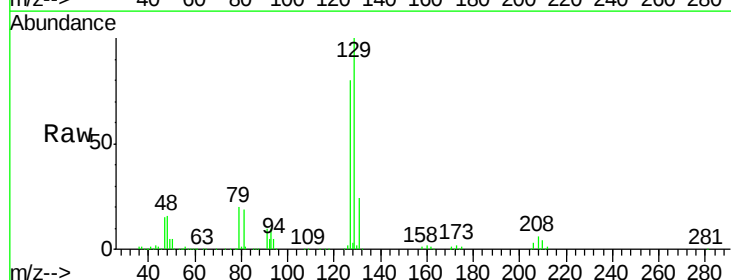
Manual Integrations
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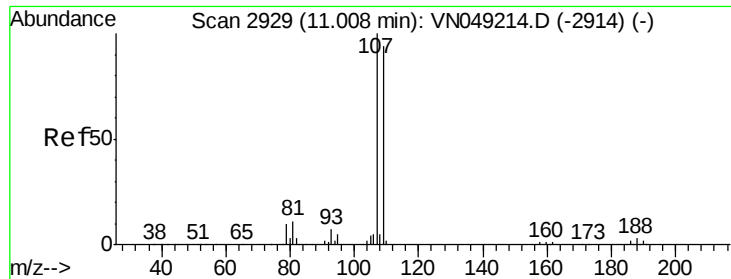
apatel
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#60
Dibromochloromethane
Concen: 52.72 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion: 129 Resp: 471524
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.2





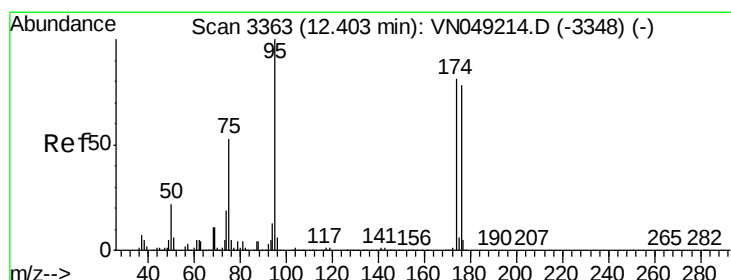
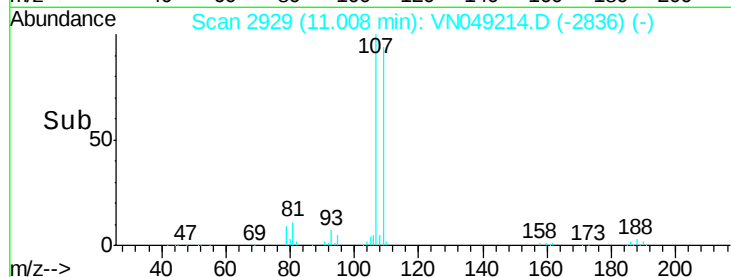
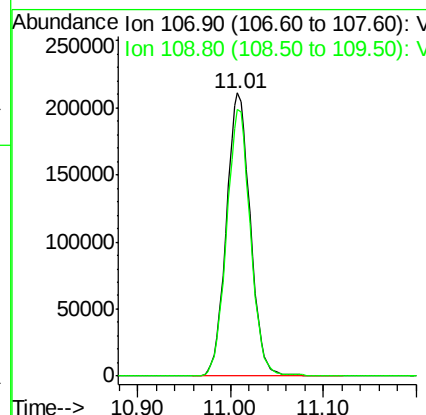
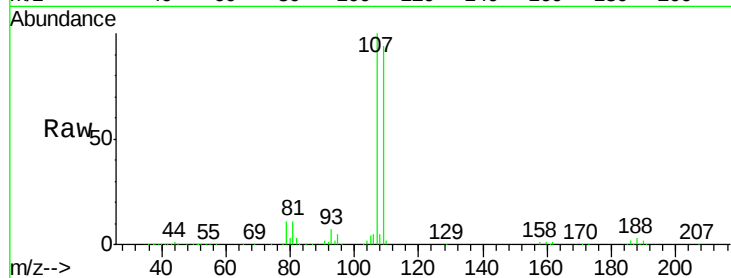
#61
 1,2-Dibromoethane
 Concen: 50.19 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.4	113.2

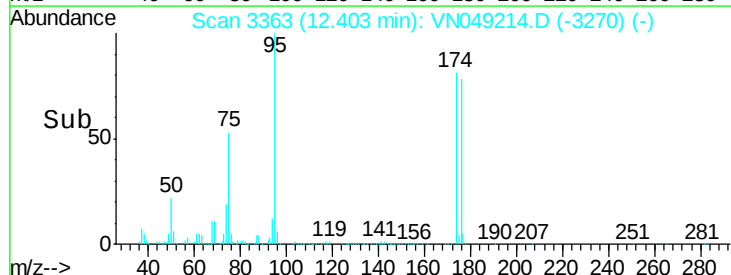
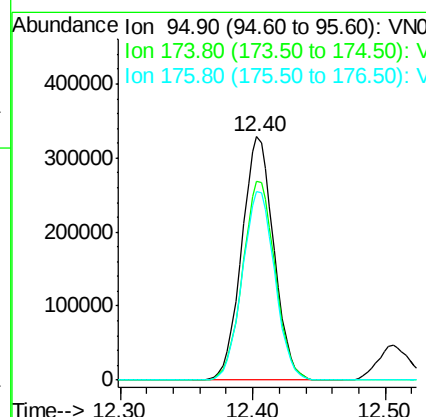
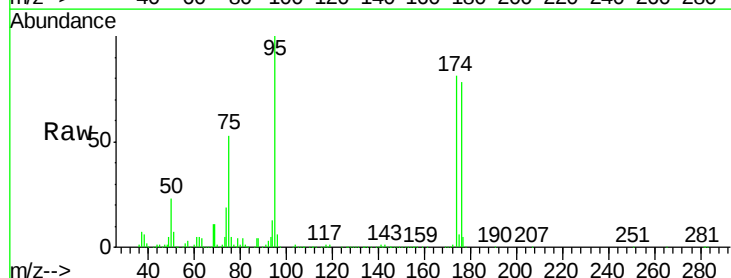
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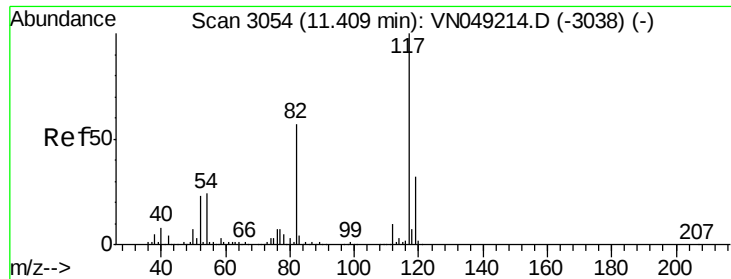
apatel
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#62
 4-Bromofluorobenzene
 Concen: 52.13 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.8	0.0	165.6
176	78.7	0.0	157.4





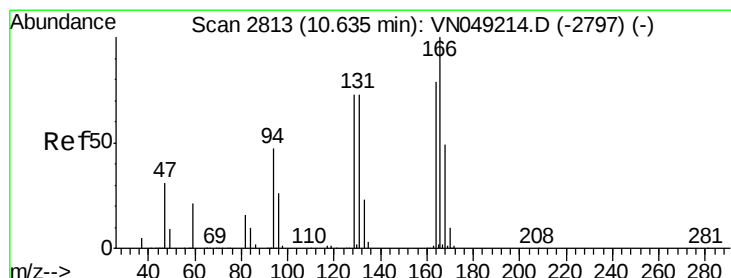
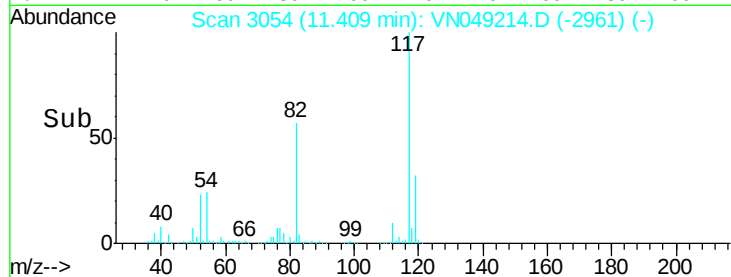
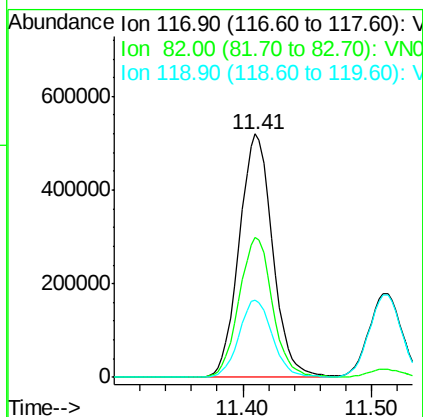
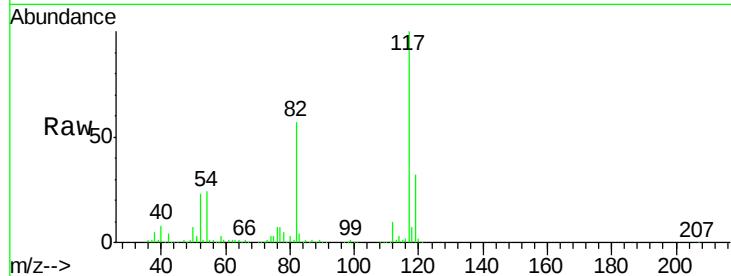
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	938924		
82	57.4	45.9	68.9	
119	31.9	25.5	38.3	

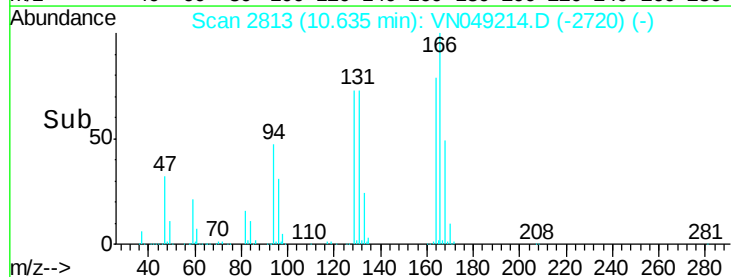
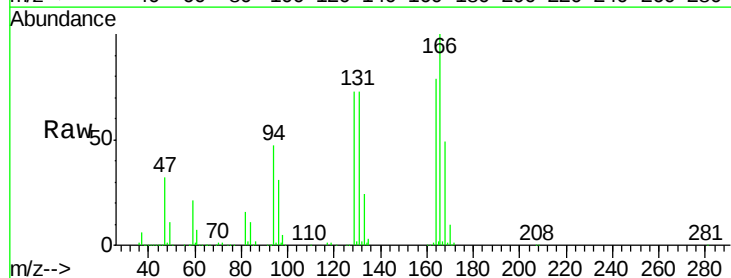
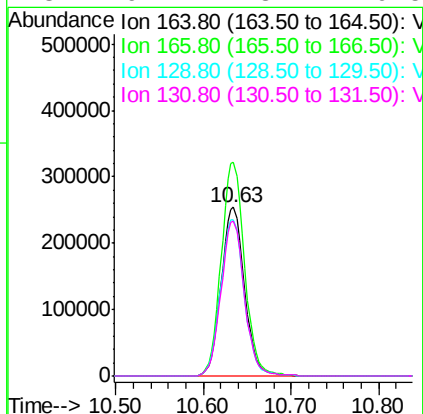
Manual Integrations
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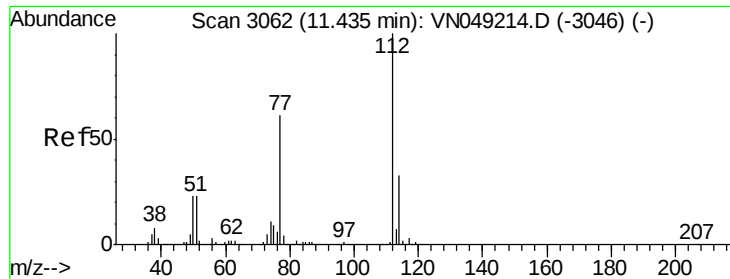
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#64
Tetrachloroethene
Concen: 51.79 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	470214		
166	126.8	101.4	152.2	
129	92.6	74.1	111.1	
131	92.1	73.7	110.5	





#65

Chlorobenzene

Concen: 50.01 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:112 Resp: 1208234

Ion Ratio Lower Upper

112 100

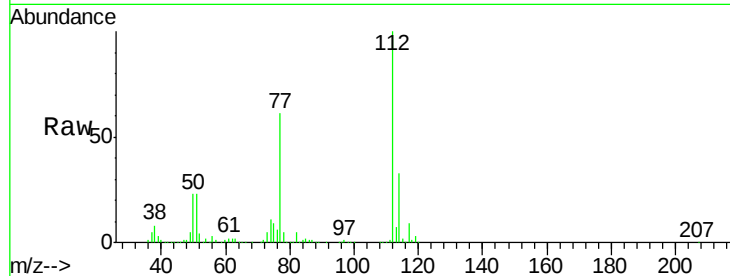
114 32.8 26.2 39.4

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

800000

600000

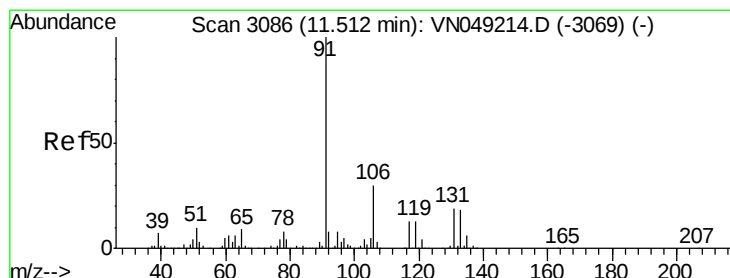
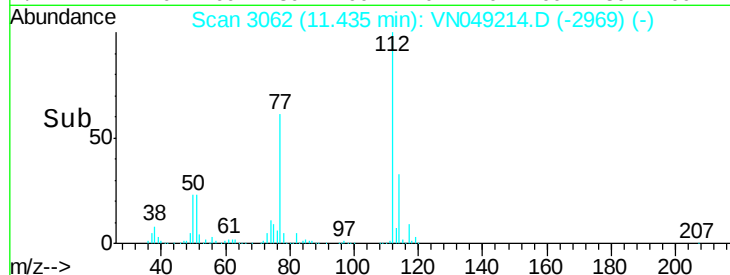
400000

200000

0

11.40 11.50

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 51.05 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

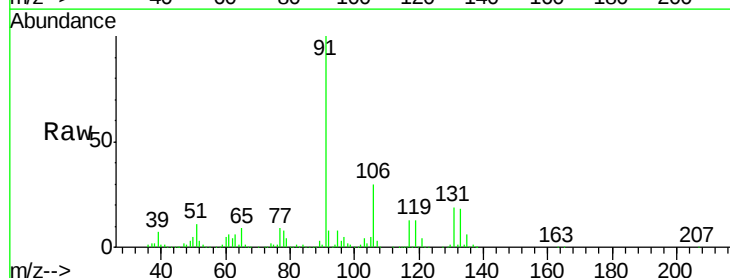
Tgt Ion:131 Resp: 460395

Ion Ratio Lower Upper

131 100

133 96.1 48.0 144.2

119 67.2 33.6 100.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

300000

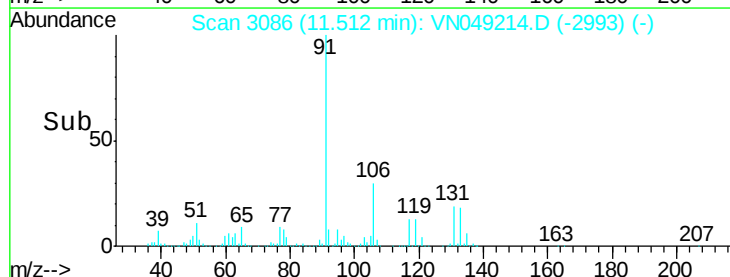
200000

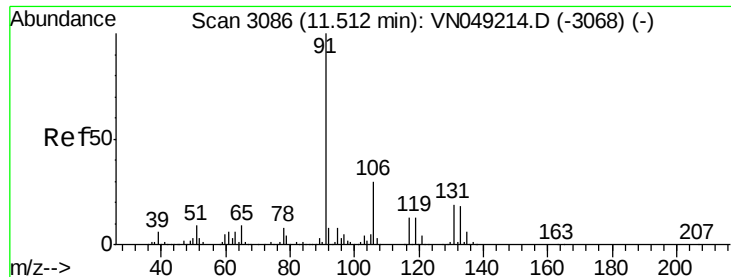
100000

0

11.40 11.50 11.60

Time-->





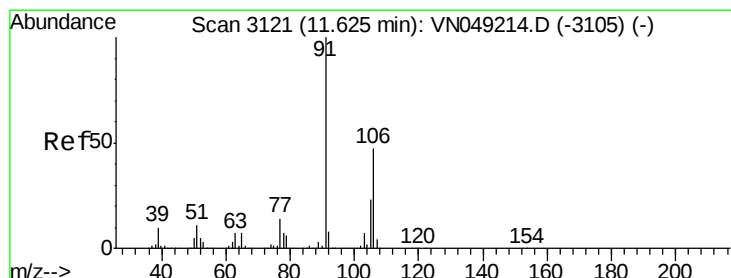
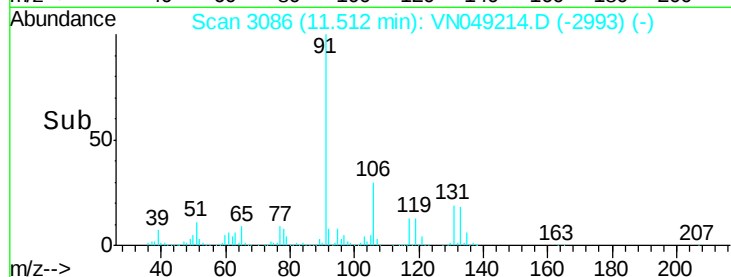
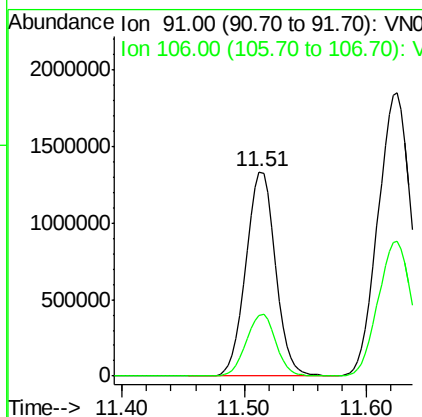
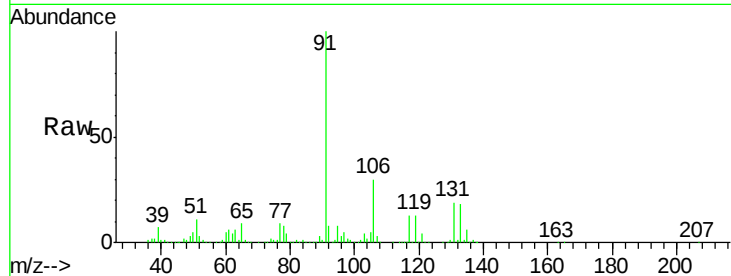
#67
Ethyl Benzene
Concen: 51.63 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion: 91 Resp: 2219142
Ion Ratio Lower Upper
91 100
106 29.9 23.9 35.9

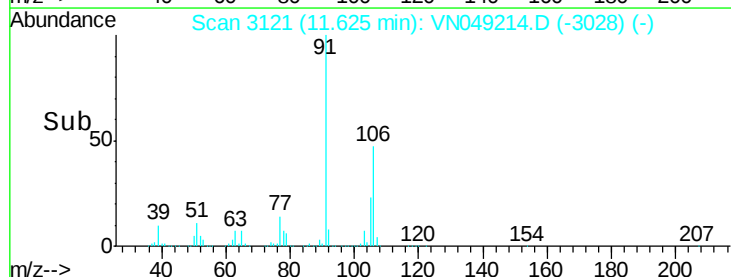
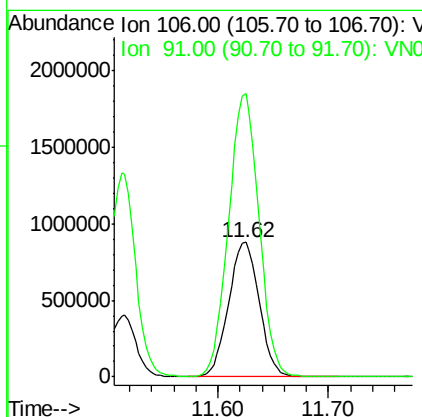
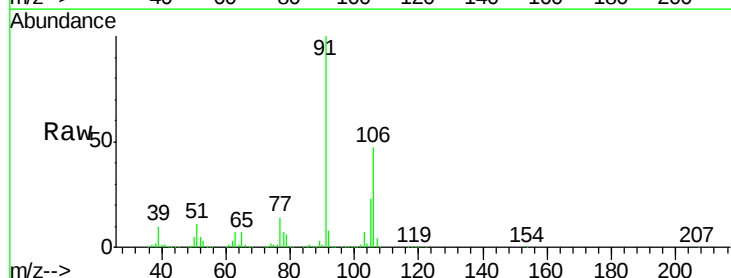
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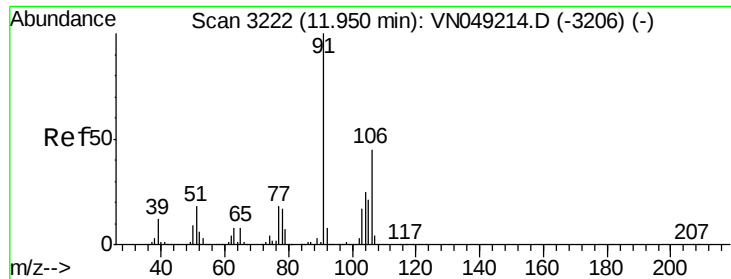
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#68
m/p-Xylenes
Concen: 105.74 ug/l
RT: 11.62 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion: 106 Resp: 1689229
Ion Ratio Lower Upper
106 100
91 209.1 167.3 250.9





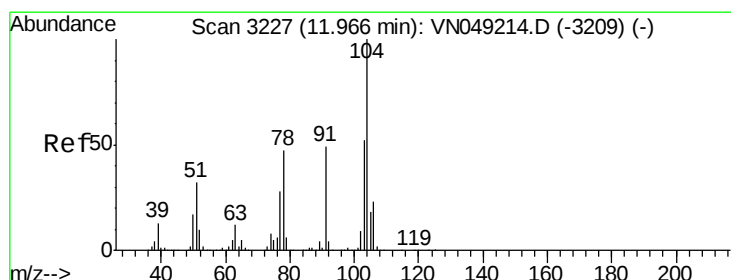
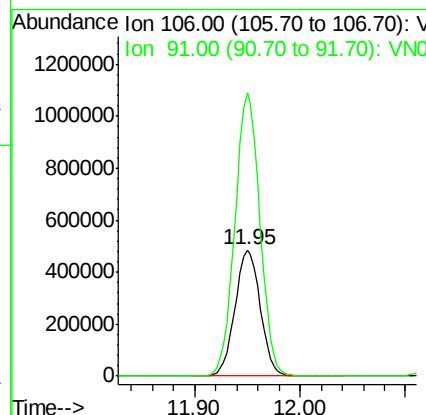
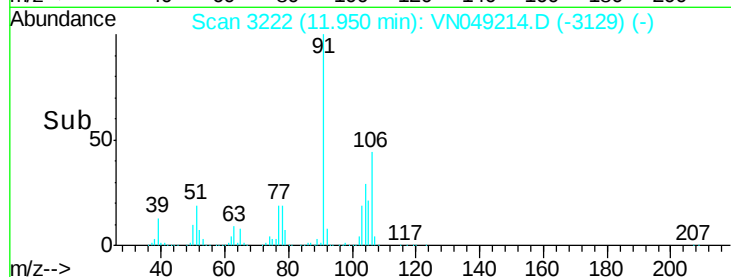
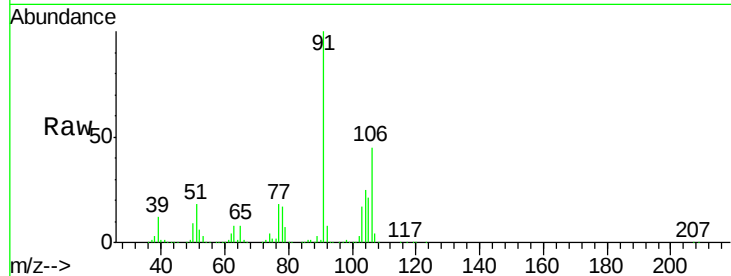
#69
o-Xylene
Concen: 52.29 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 802960
Ion Ratio Lower Upper
106 100
91 222.0 111.0 333.0

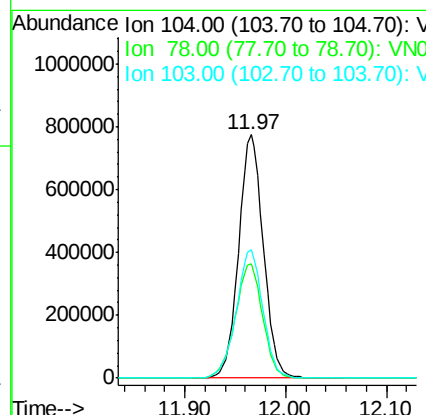
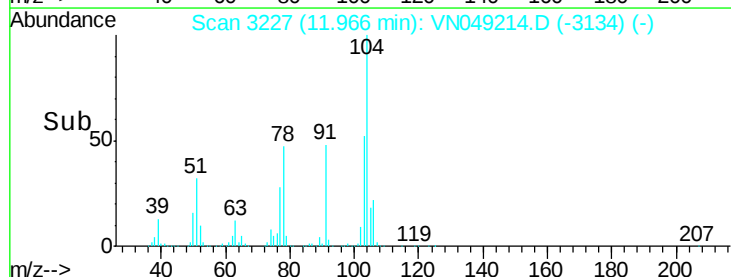
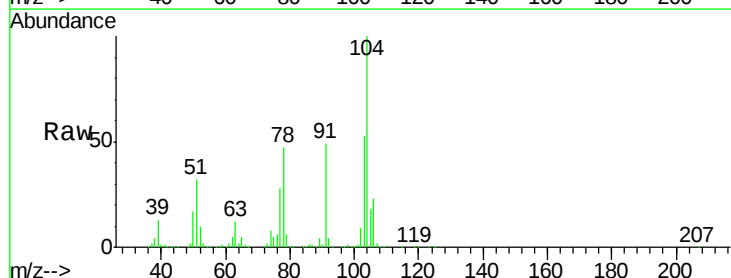
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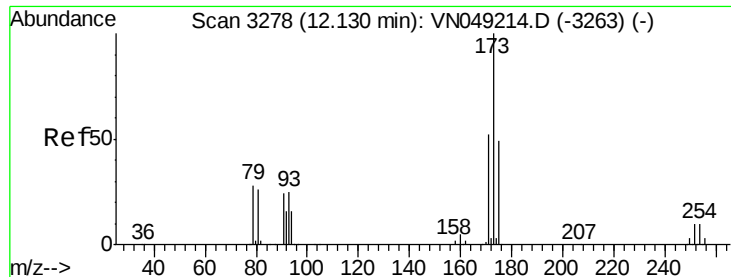
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#70
Styrene
Concen: 53.37 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion:104 Resp: 1316919
Ion Ratio Lower Upper
104 100
78 52.0 41.6 62.4
103 56.8 45.4 68.2





#71

Bromoform

Concen: 50.94 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

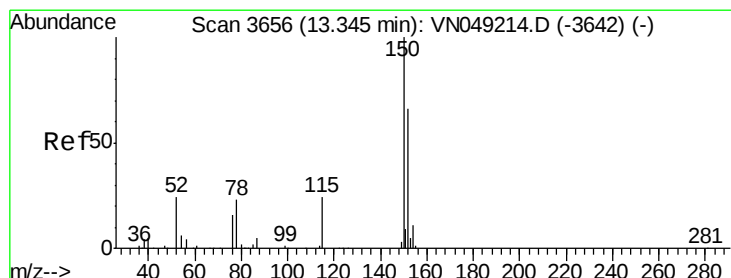
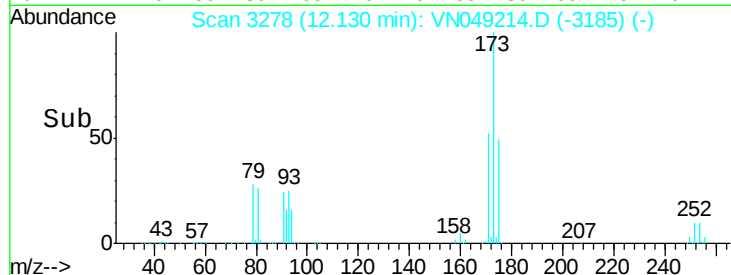
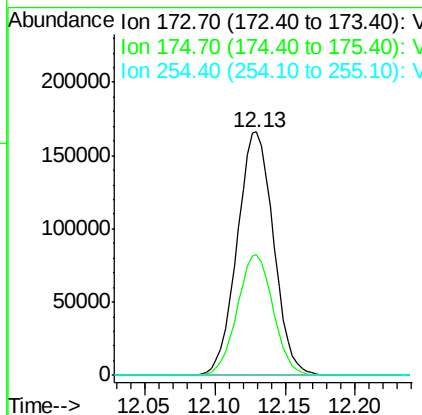
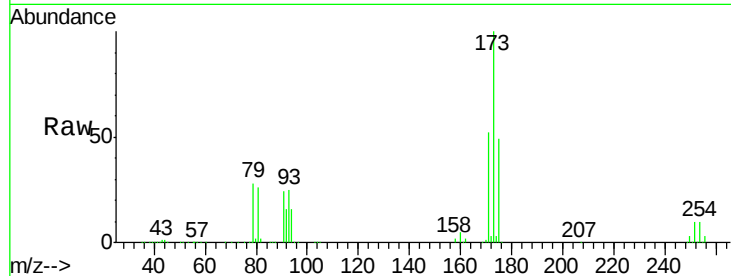
ClientSampled :

VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.5	73.5
254	0.1	0.1	0.1

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

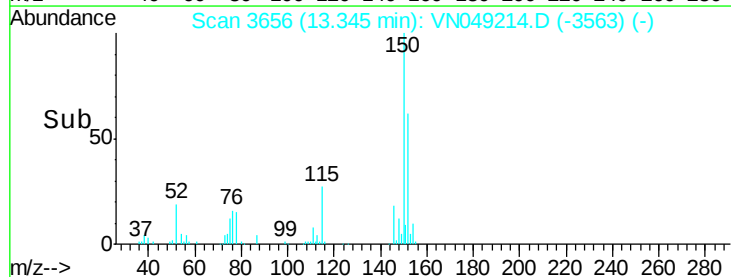
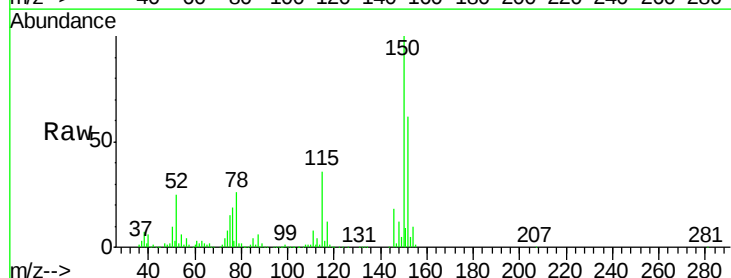
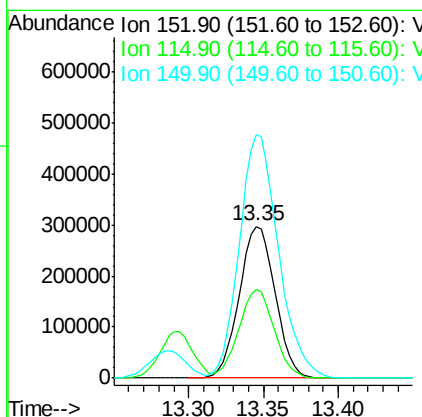
RT: 13.35 min Scan# 3656

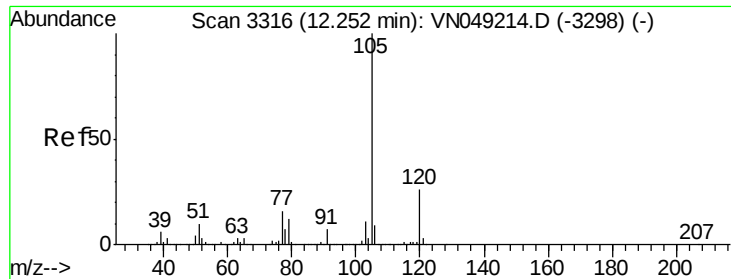
Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.7	86.1
150	175.5	0.0	351.0





#73

Isopropylbenzene

Concen: 47.67 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 2188572

Ion Ratio Lower Upper

105 100

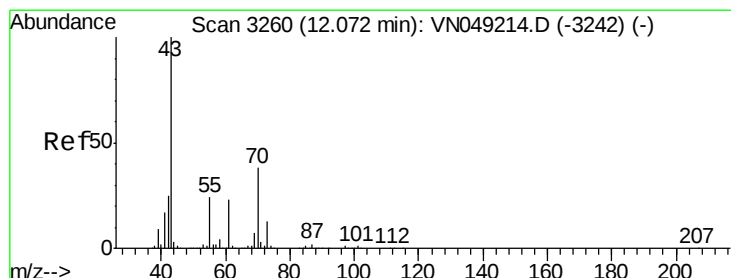
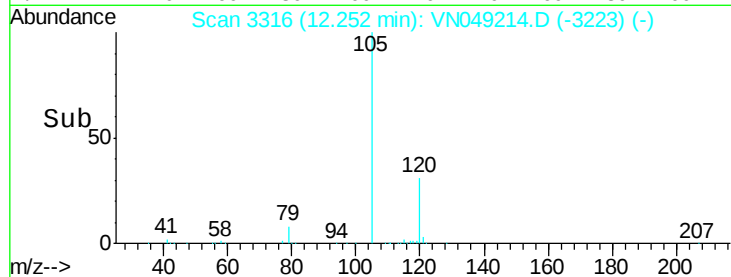
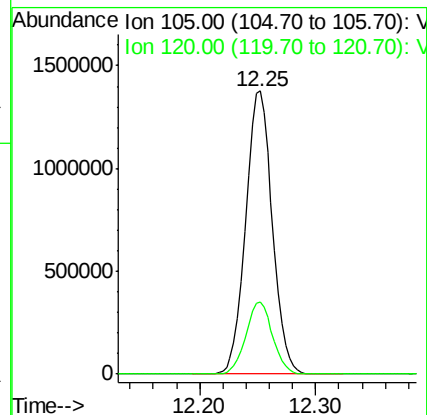
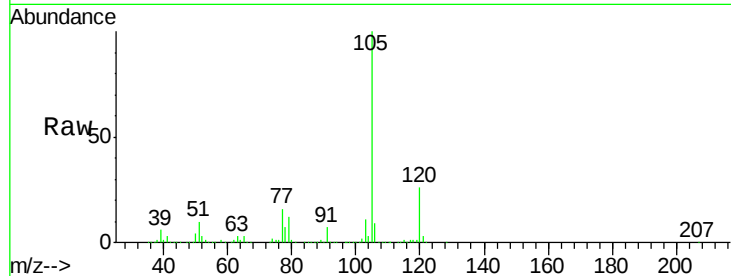
120 25.5 12.8 38.3

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#74

N-ethyl acetate

Concen: 46.60 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Tgt Ion: 43 Resp: 635563

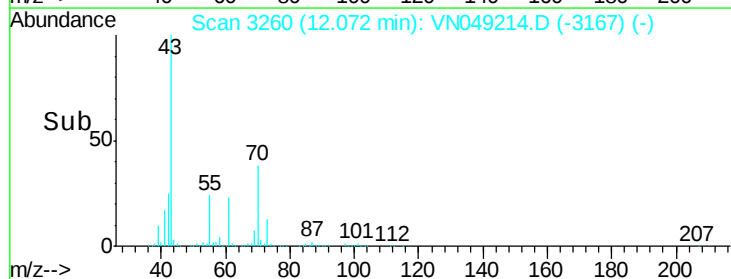
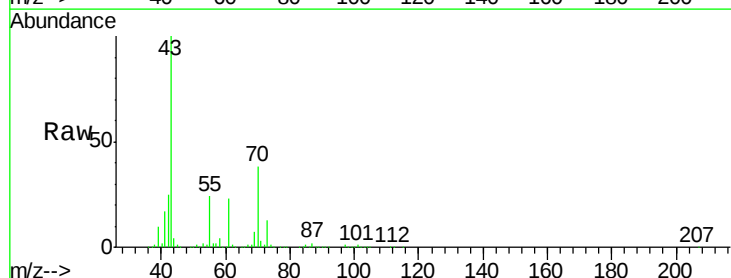
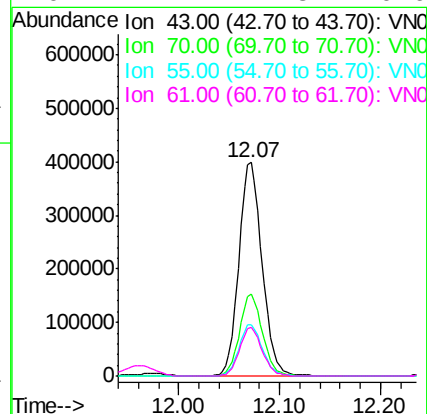
Ion Ratio Lower Upper

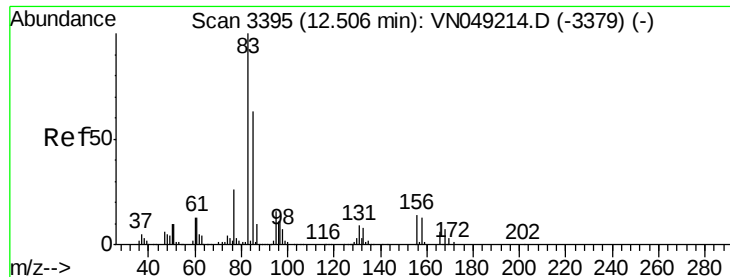
43 100

70 37.9 30.3 45.5

55 24.3 19.4 29.2

61 22.2 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 43.50 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 487592

Ion Ratio Lower Upper

83 100

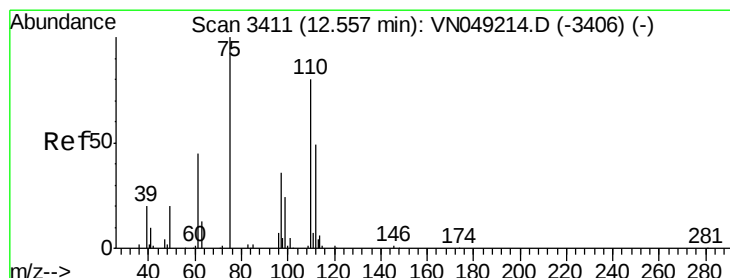
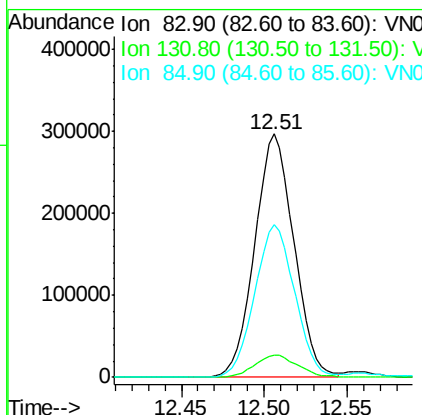
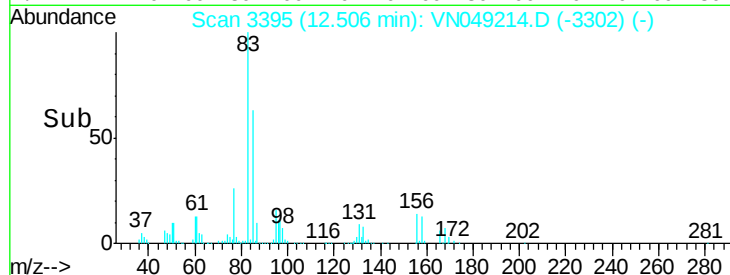
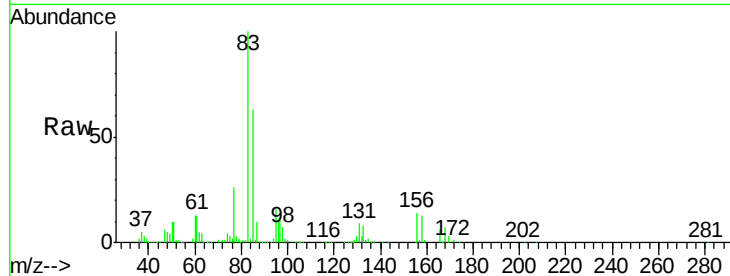
131 10.0 5.0 15.0

85 64.0 32.0 96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 42.95 ug/l m

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049214.D

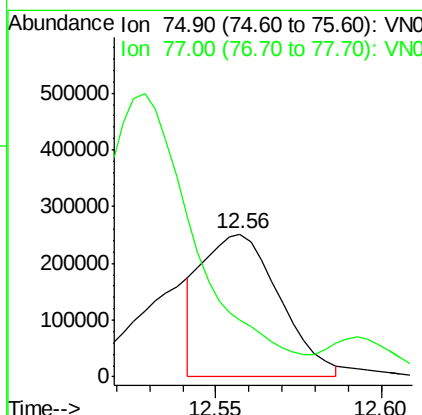
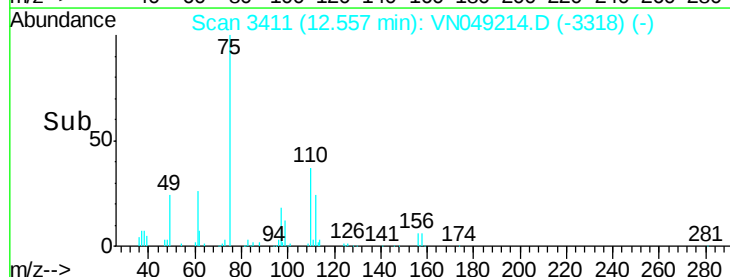
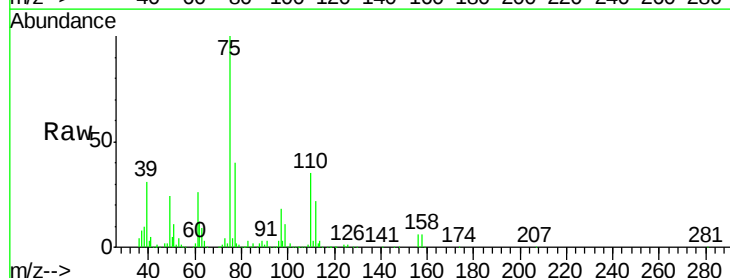
Acq: 13 Jun 2018 21:27

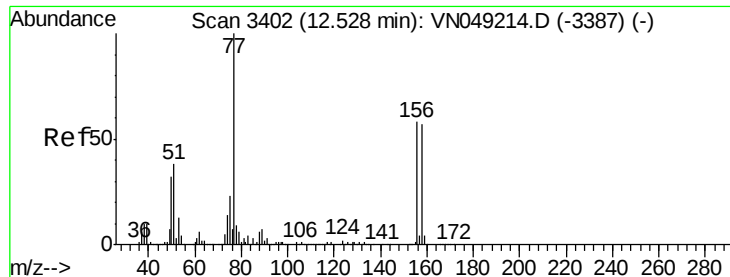
Tgt Ion: 75 Resp: 409455

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.36 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:156 Resp: 499922

Ion Ratio Lower Upper

156 100

77 201.6 100.8 302.4

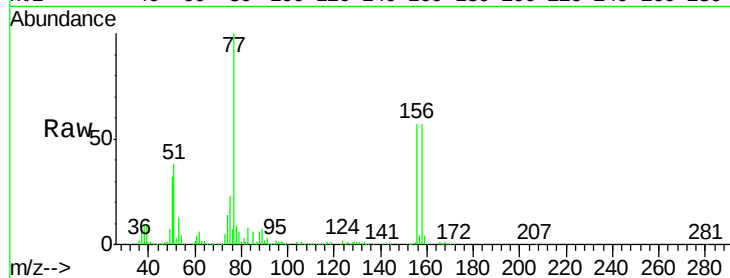
158 98.6 49.3 147.9

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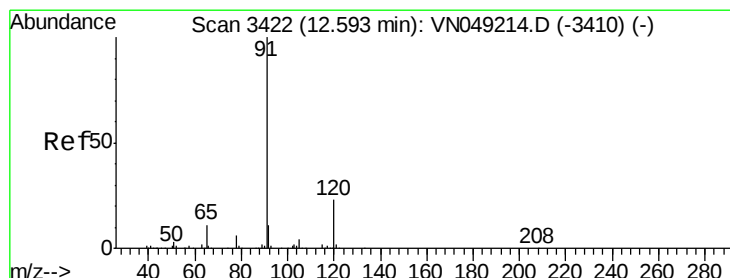
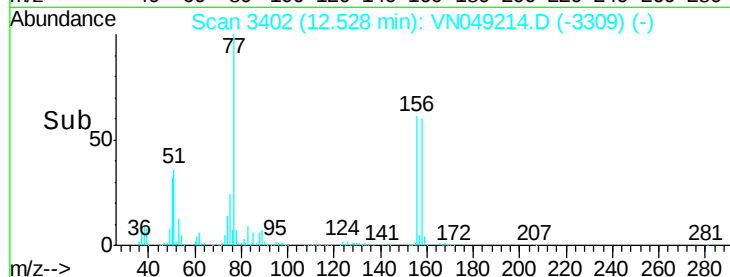
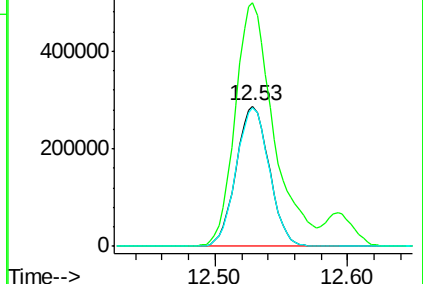
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.69 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049214.D

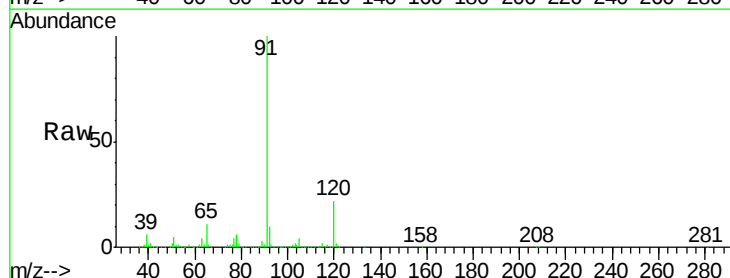
Acq: 13 Jun 2018 21:27

Tgt Ion: 91 Resp: 2553531

Ion Ratio Lower Upper

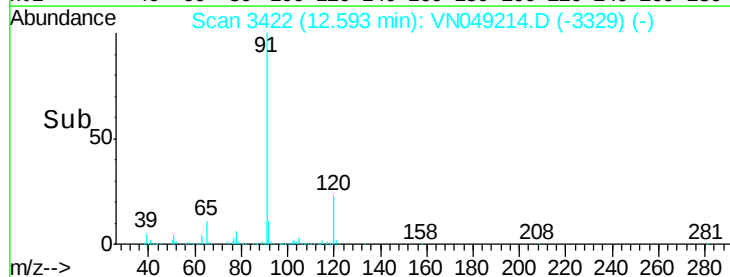
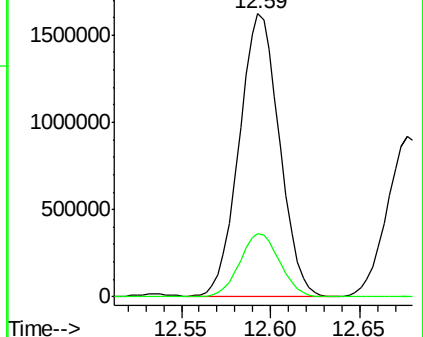
91 100

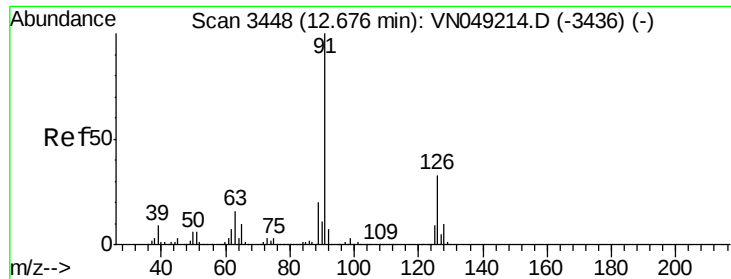
120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.25 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion: 91 Resp: 1504062

Ion Ratio Lower Upper

91 100

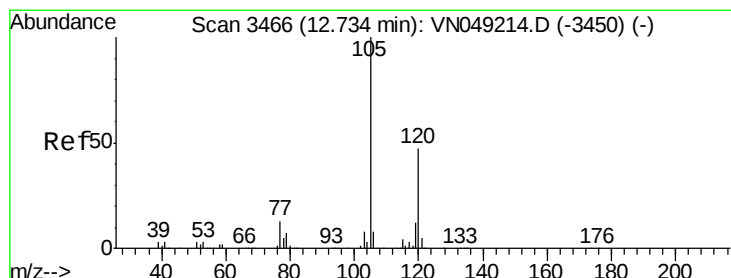
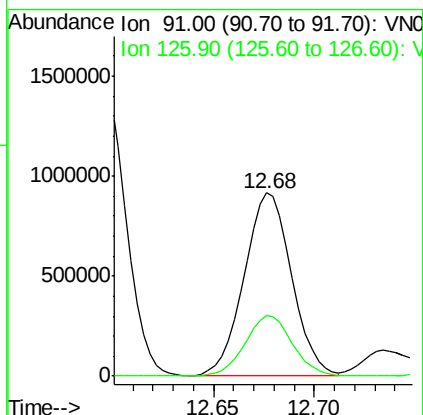
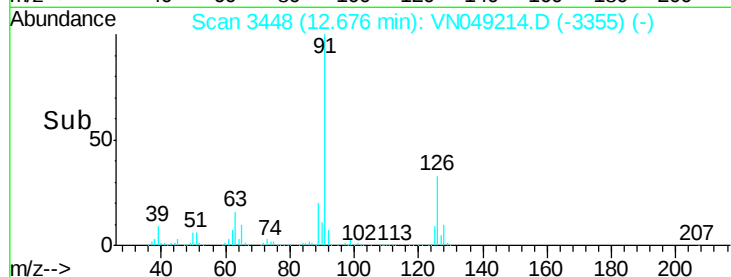
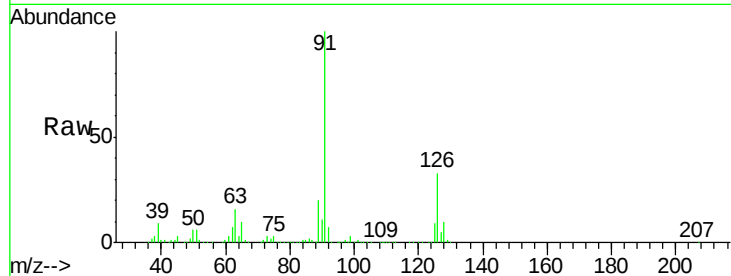
126 33.2 16.6 49.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 49.37 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049214.D

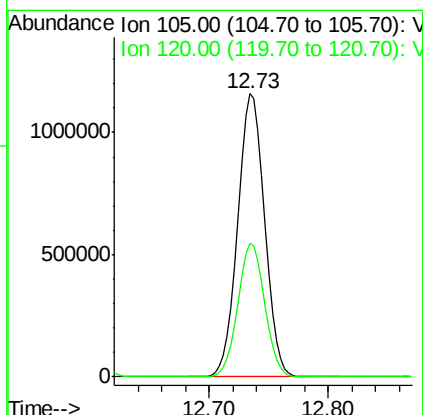
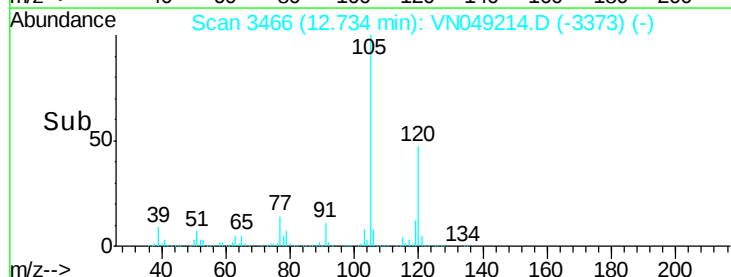
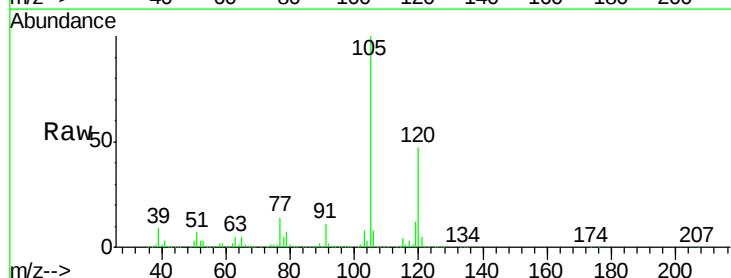
Acq: 13 Jun 2018 21:27

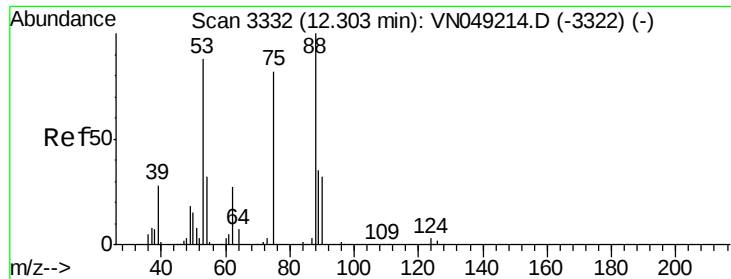
Tgt Ion: 105 Resp: 1810957

Ion Ratio Lower Upper

105 100

120 47.0 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 43.32 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

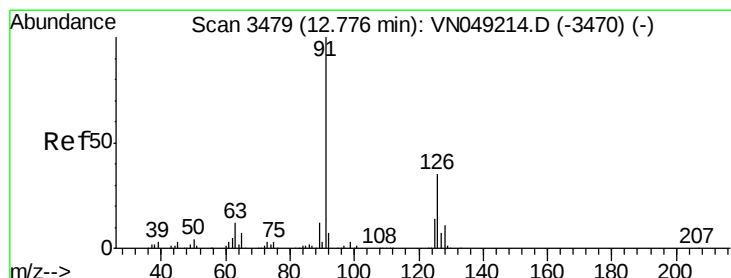
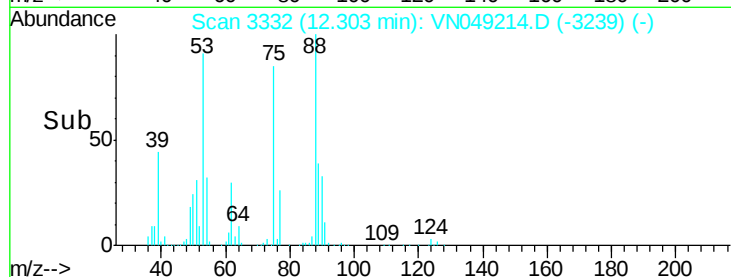
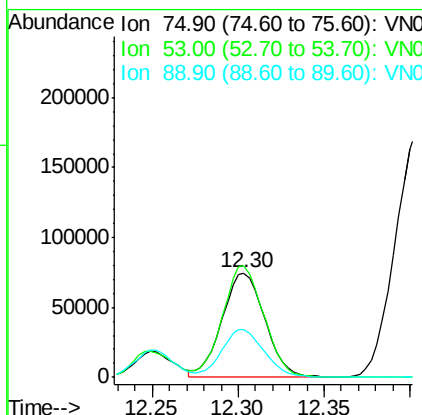
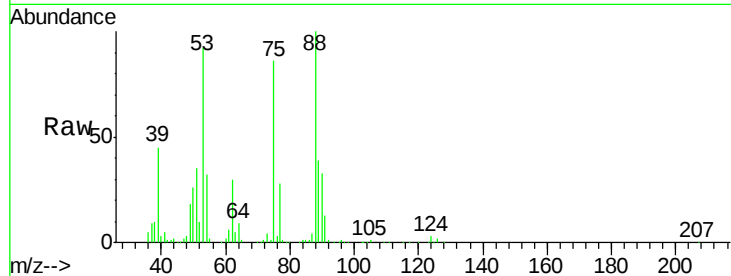
ClientSampleId :

VSTDICCC050

Tot Ion:	75	Resp:	129515
Ion	Ratio	Lower	Upper
75	100		
53	103.4	82.7	124.1
89	45.6	36.5	54.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.26 ug/l

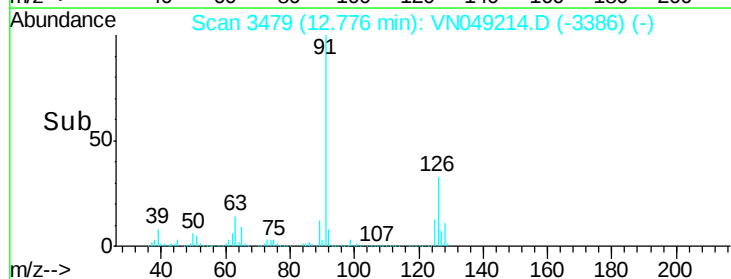
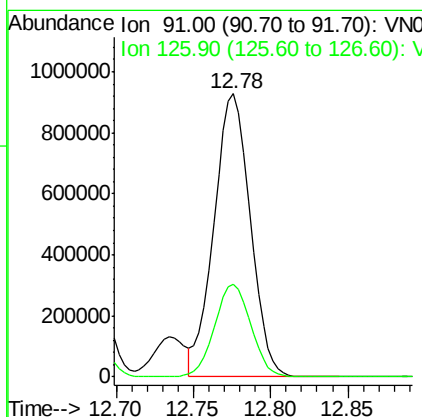
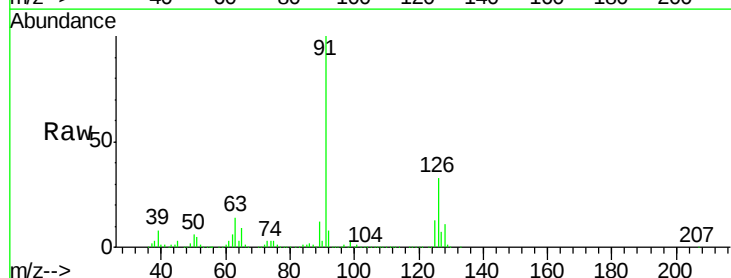
RT: 12.78 min Scan# 3479

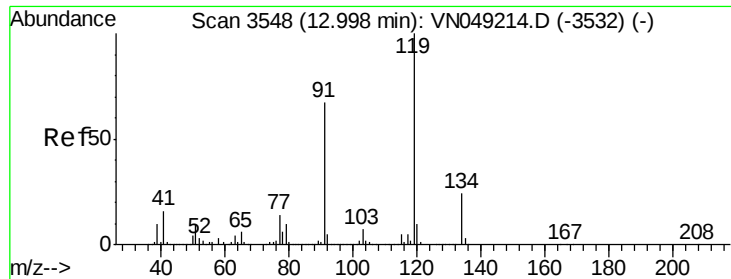
Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Tgt Ion:	91	Resp:	1513309
Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.4	49.1





#83

tert-Butylbenzene

Concen: 48.62 ug/l

RT: 13.00 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:119 Resp: 1502533

Ion Ratio Lower Upper

119 100

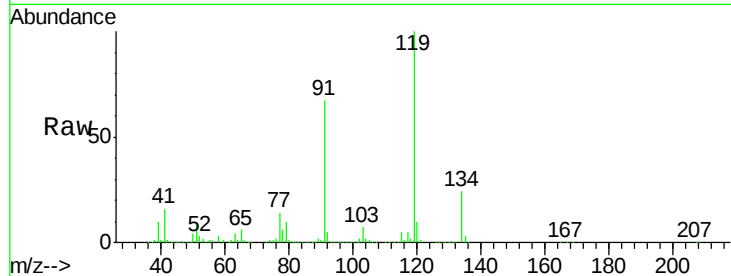
91 67.3 33.7 101.0

134 25.7 12.9 38.6

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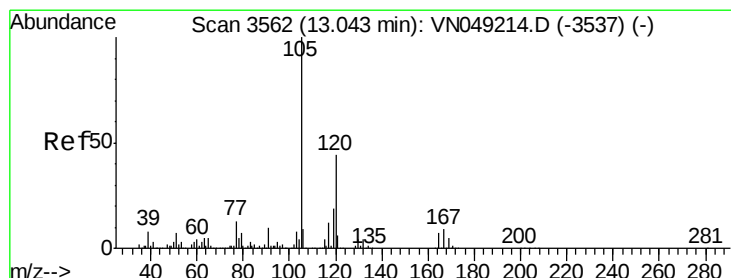
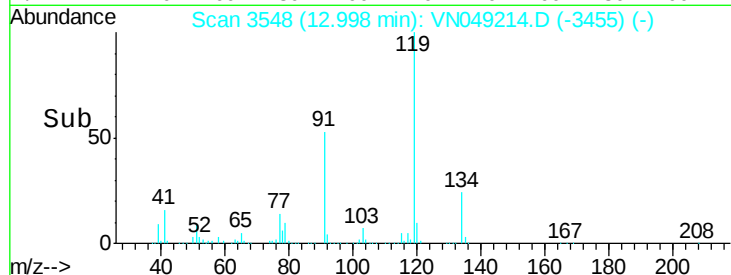
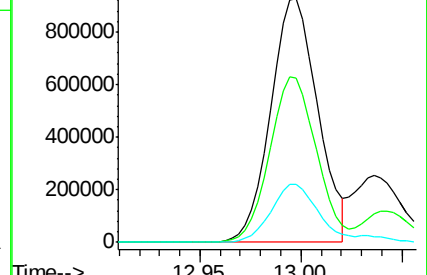
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.74 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049214.D

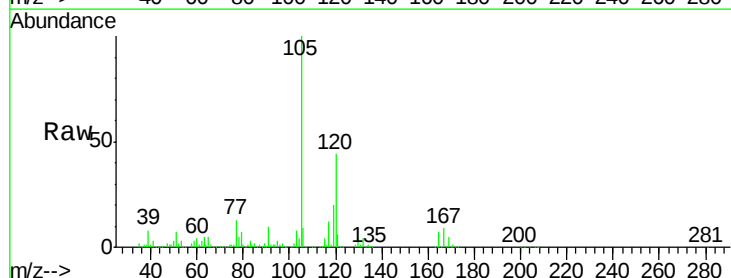
Acq: 13 Jun 2018 21:27

Tgt Ion:105 Resp: 1842569

Ion Ratio Lower Upper

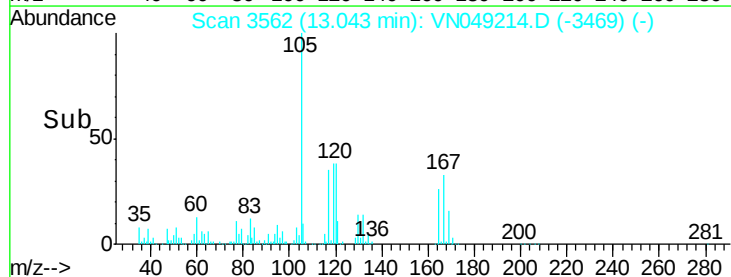
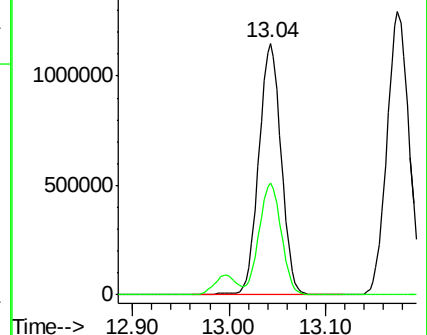
105 100

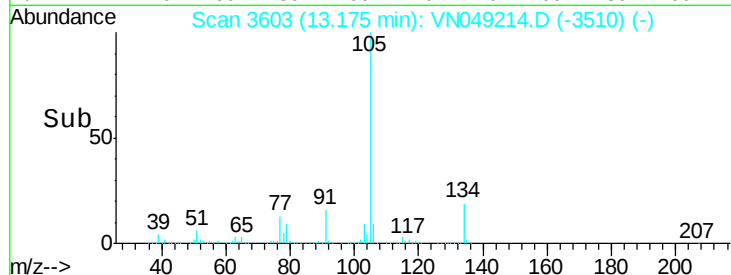
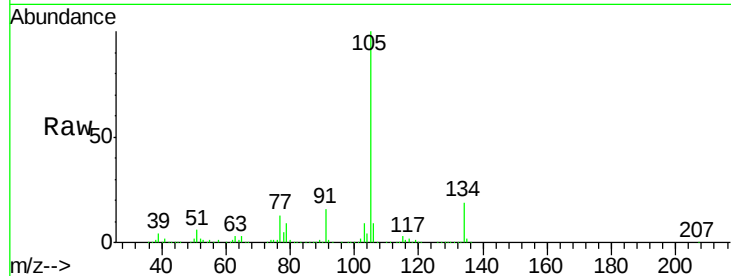
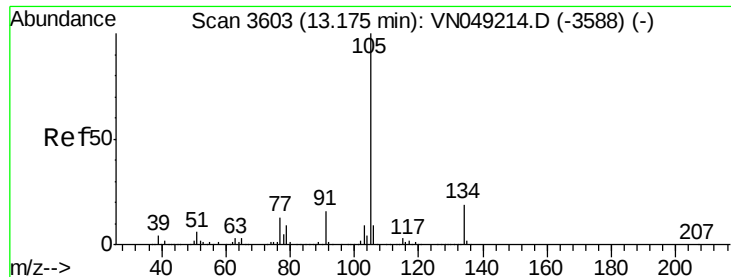
120 44.4 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





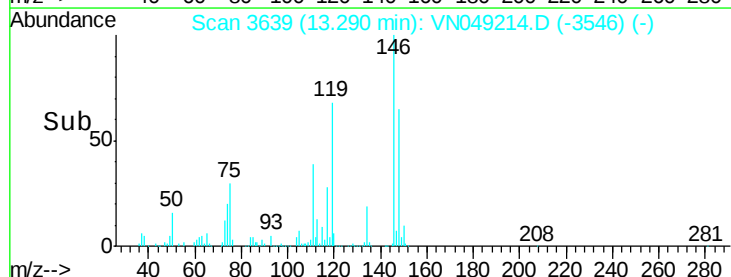
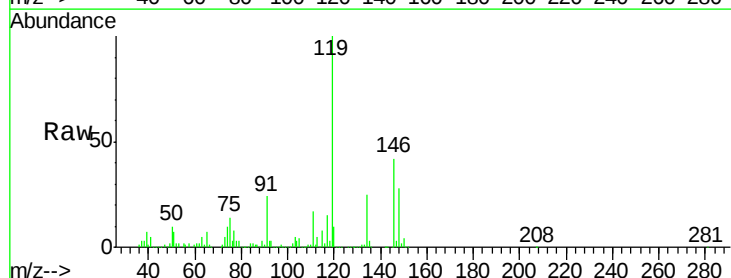
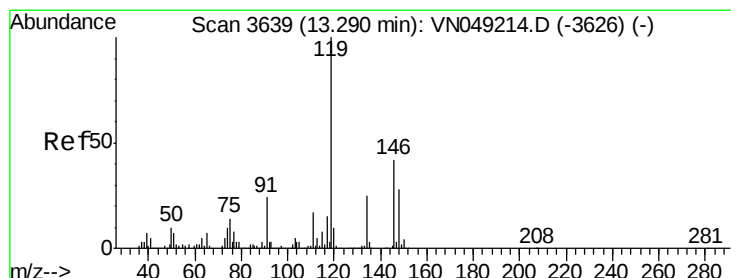
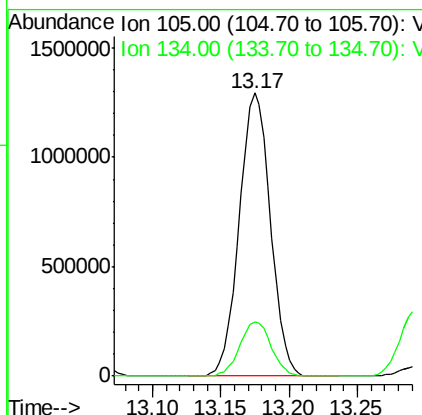
#85
 sec-Butylbenzene
 Concen: 48.63 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Tot Ion:105 Resp: 2047435
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

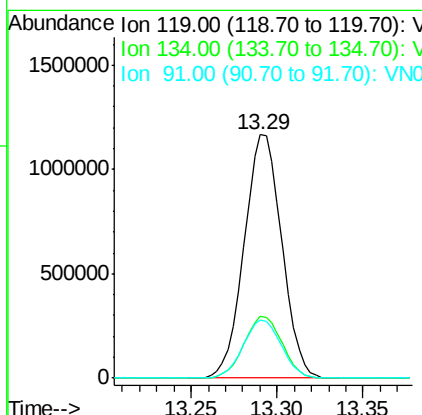
Manual Integrations
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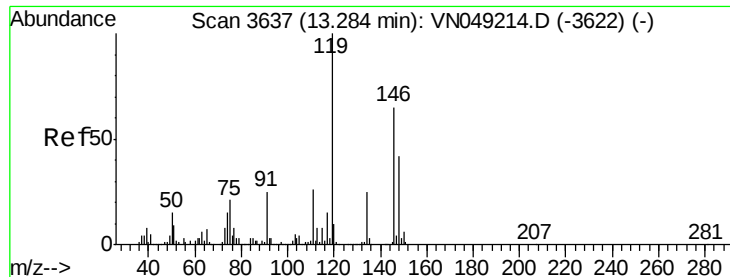
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#86
 p-Isopropyltoluene
 Concen: 50.55 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Tgt Ion:119 Resp: 1769508
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 24.2 12.1 36.3





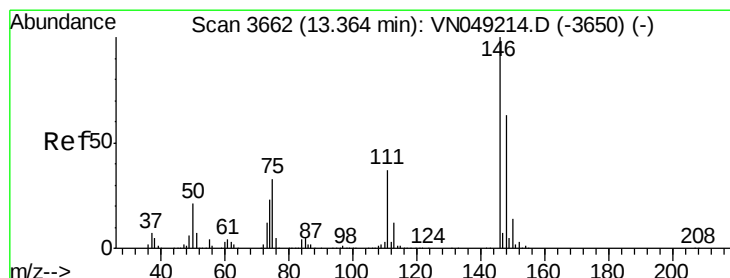
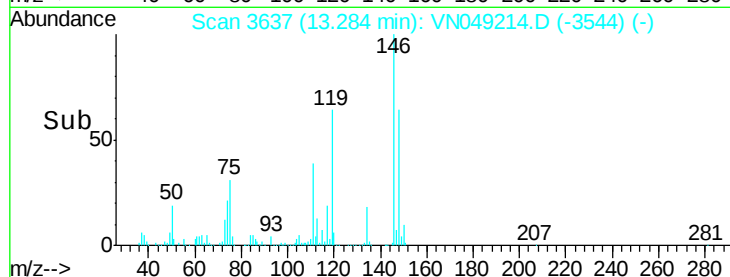
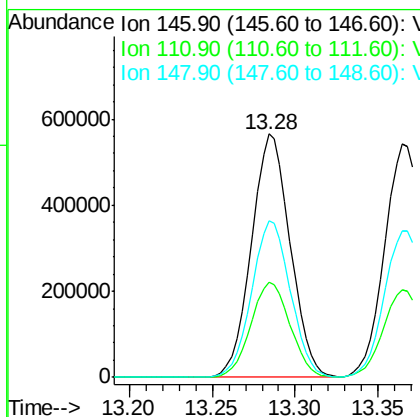
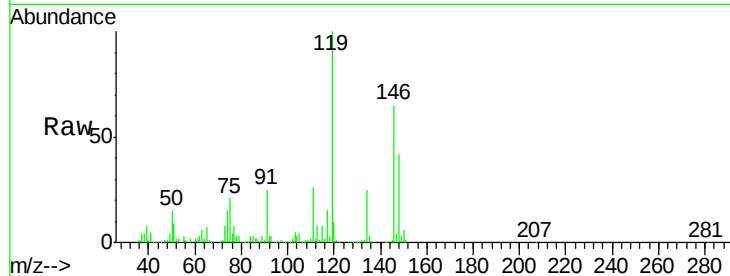
#87
 1,3-Dichlorobenzene
 Concen: 49.44 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.9	59.6
148	64.3	32.1	96.5

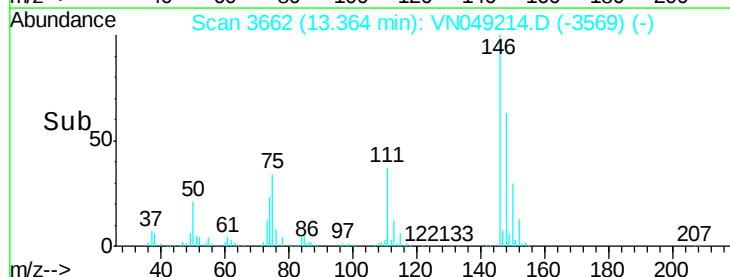
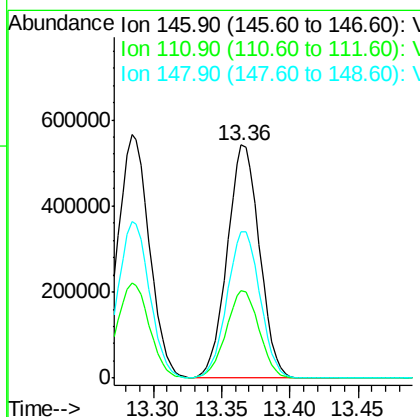
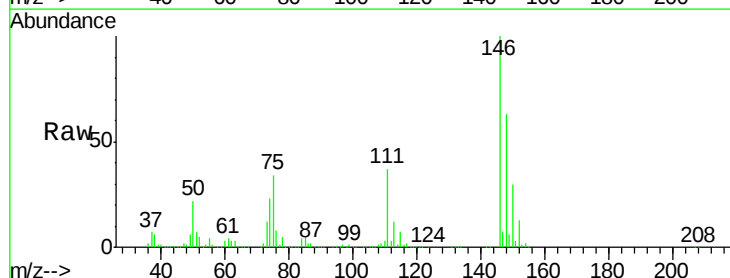
Manual Integrations
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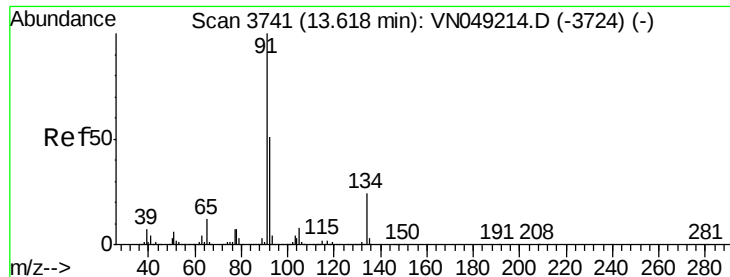
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#88
 1,4-Dichlorobenzene
 Concen: 49.51 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	64.1	32.0	96.2





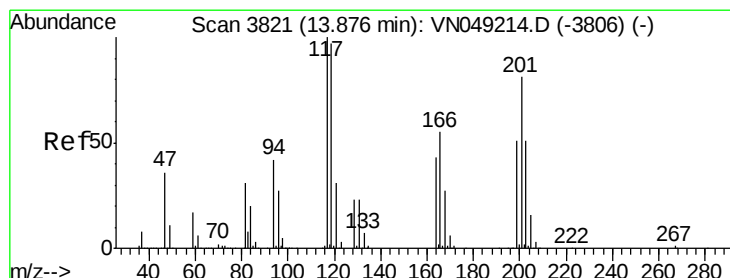
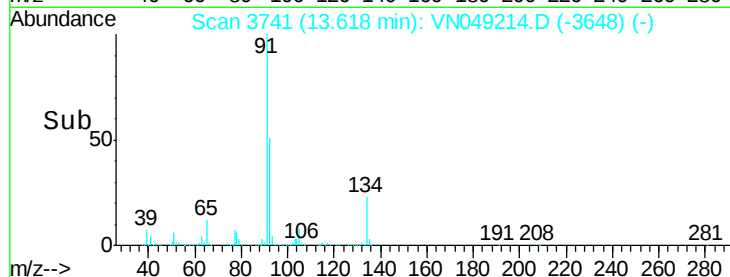
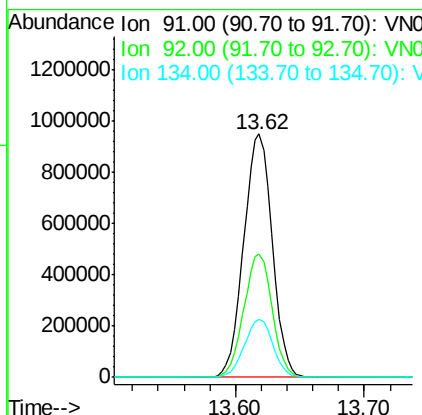
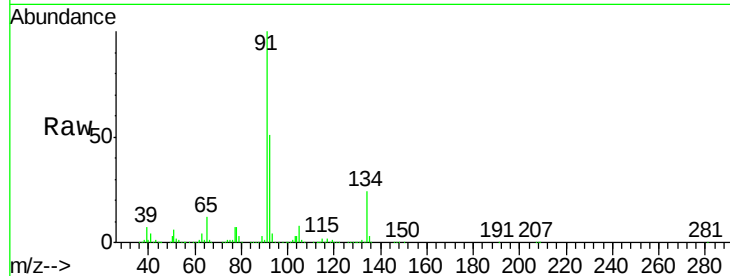
#89
n-Butylbenzene
Concen: 51.55 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.3	25.1	75.4
134	24.0	12.0	36.0

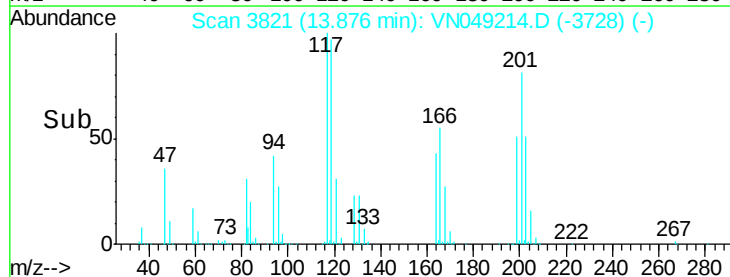
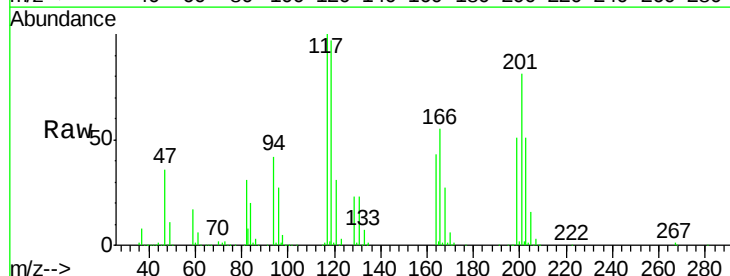
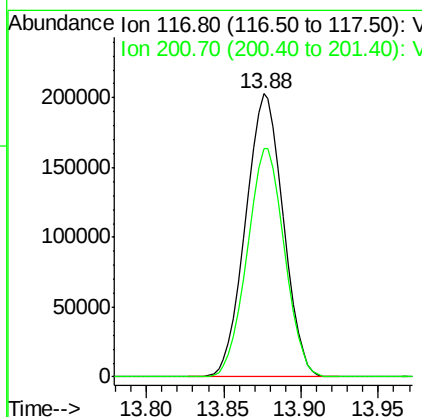
Manual Integrations
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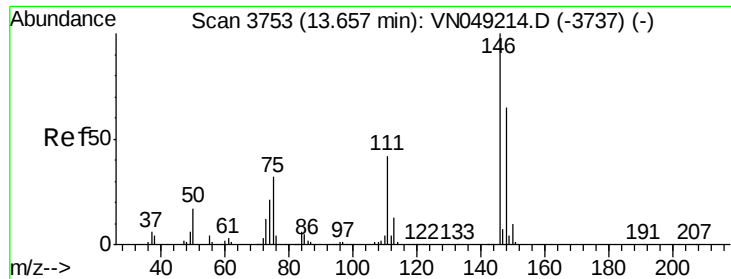
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#90
Hexachloroethane
Concen: 45.98 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.1	40.1	120.2





#91

1,2-Dichlorobenzene

Concen: 50.07 ug/l

RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

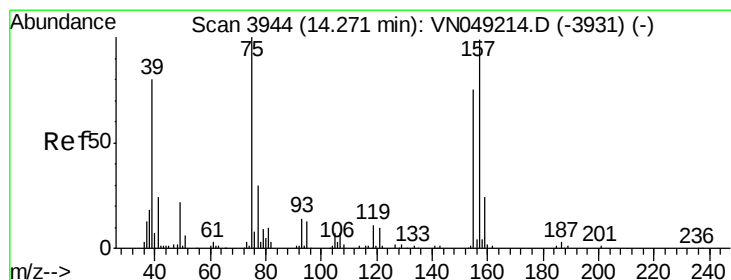
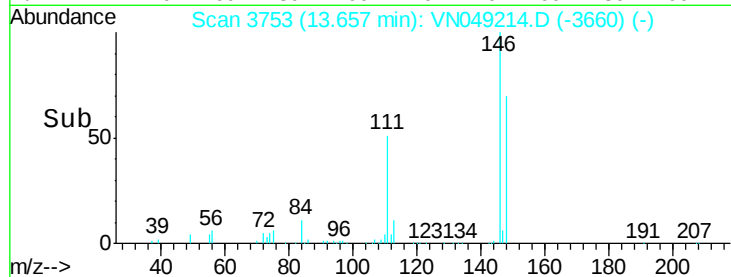
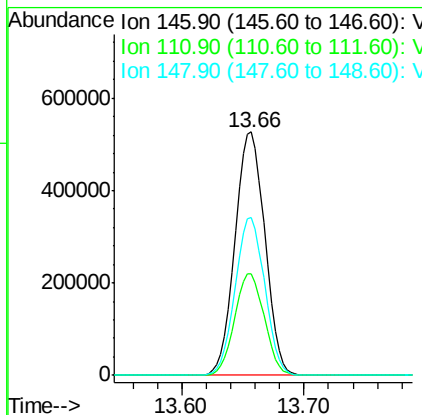
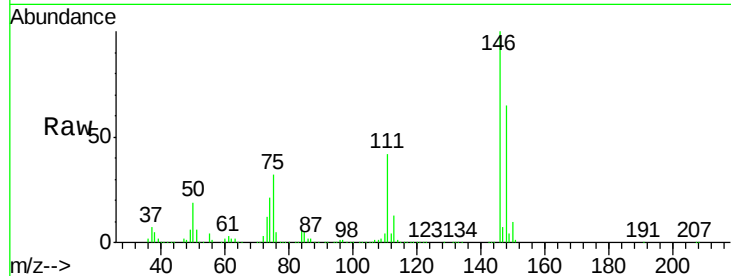
ClientSampleId :

VSTDICCC050

Tot Ion:	146	Resp:	893411
Ion Ratio	Lower	Upper	
146	100		
111	41.5	20.8	62.2
148	64.1	32.0	96.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 47.77 ug/l

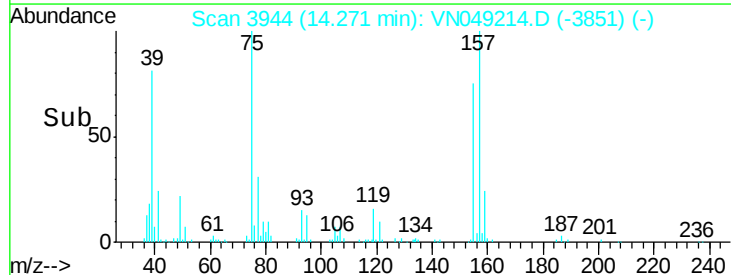
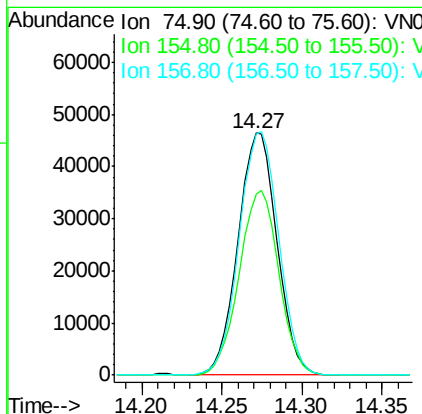
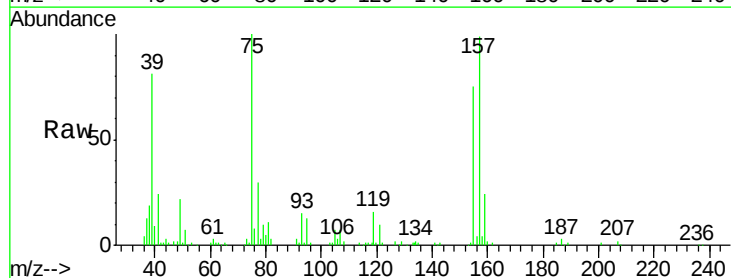
RT: 14.27 min Scan# 3944

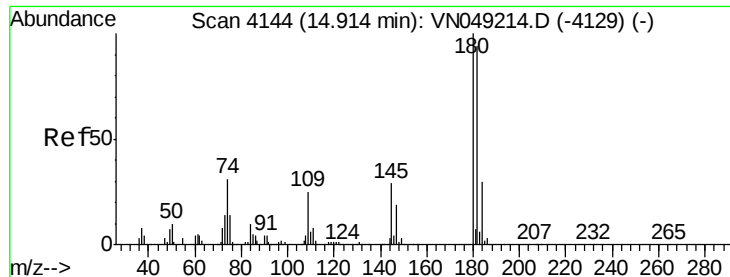
Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Tgt Ion:	75	Resp:	77302
Ion Ratio	Lower	Upper	
75	100		
155	77.5	38.8	116.3
157	102.1	51.0	153.1





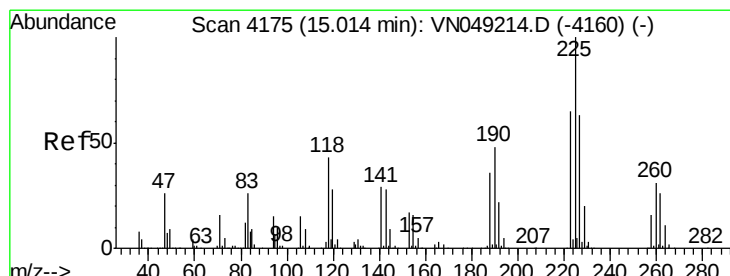
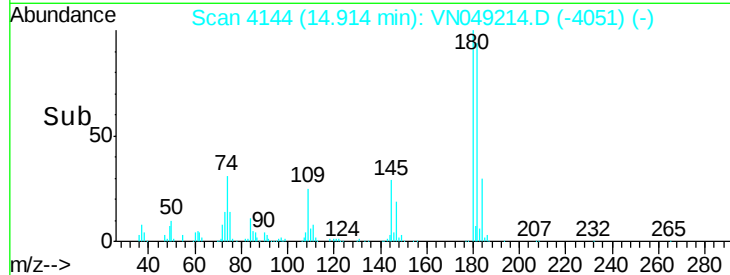
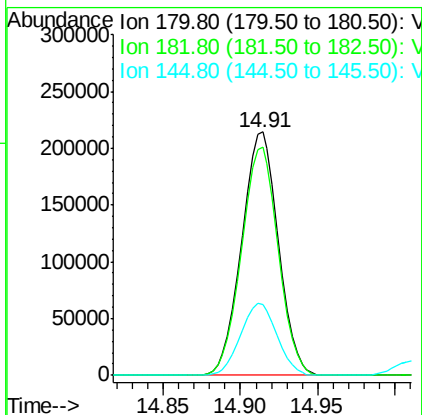
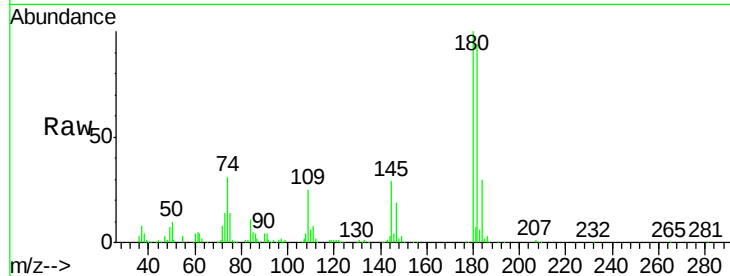
#93
 1,2,4-Trichlorobenzene
 Concen: 50.03 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.9	46.9	140.8	
145	29.4	14.7	44.1	

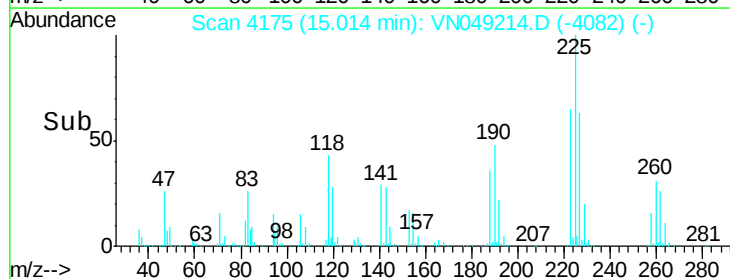
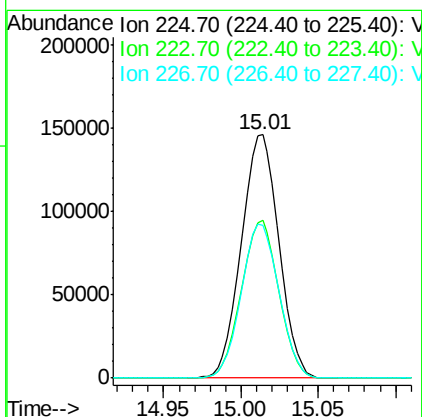
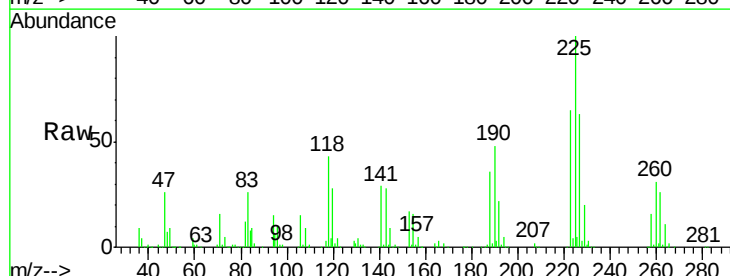
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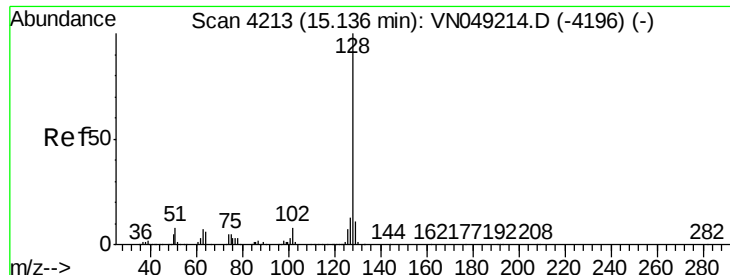
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#94
 Hexachlorobutadiene
 Concen: 45.84 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.2	32.1	96.3	
227	63.5	31.8	95.3	





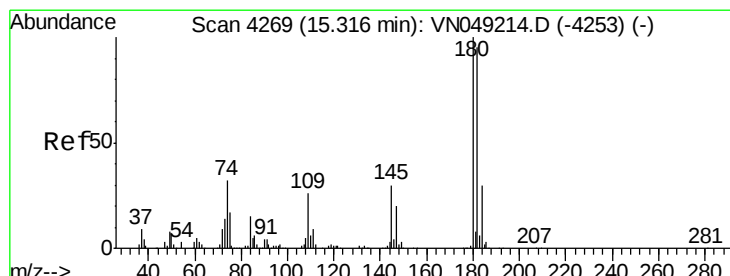
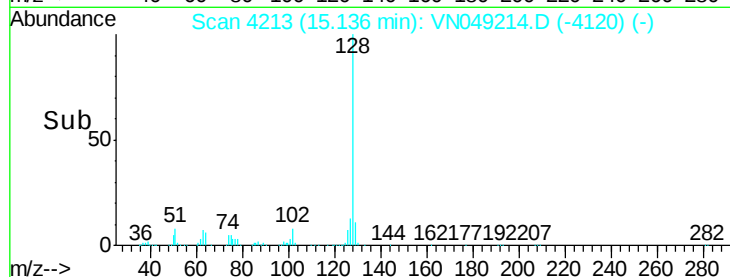
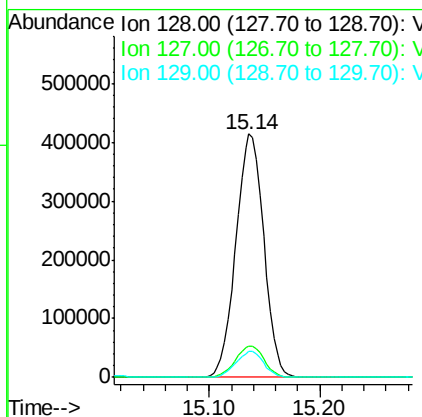
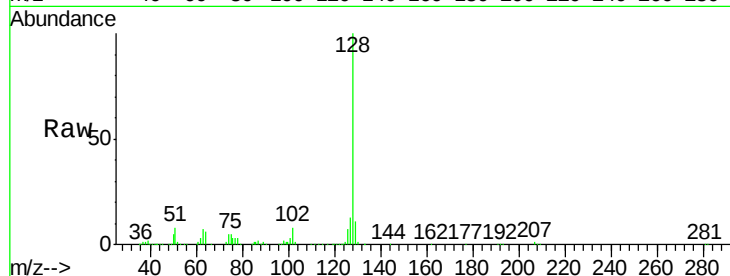
#95
Naphthalene
Concen: 46.81 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	10.6	8.5	12.7

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#96
1,2,3-Trichlorobenzene
Concen: 49.39 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	141.8
145	31.1	15.6	46.7

