

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111918\
 Data File : VN052380.D
 Acq On : 19 Nov 2018 13:03
 Operator : MD\SY
 Sample : VN1119WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/20/2018 11:39:18 AM

Quant Time: Nov 20 07:28:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	260952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	431006	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	373275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	166557	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	188739	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
35) Dibromofluoromethane	7.59	113	143720	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
50) Toluene-d8	10.09	98	540550	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.40	95	176810	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.86	85	54312	19.64 ug/l	96
3) Chloromethane	2.07	50	70921	18.46 ug/l	100
4) Vinyl Chloride	2.20	62	63734	19.19 ug/l	94
5) Bromomethane	2.58	94	35663	17.22 ug/l	98
6) Chloroethane	2.72	64	37837	20.15 ug/l	97
7) Trichlorofluoromethane	3.03	101	94659	20.59 ug/l	97
8) Diethyl Ether	3.42	74	31763	18.13 ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.77	101	55325	19.06 ug/l	100
10) Methyl Iodide	3.96	142	54631	14.02 ug/l	94
11) Tert butyl alcohol	4.77	59	14235m	73.13 ug/l	
12) 1,1-Dichloroethene	3.75	96	50331	18.74 ug/l	93
13) Acrolein	3.61	56	15599	70.28 ug/l	99
14) Allyl chloride	4.33	41	101324	18.37 ug/l	91
15) Acrylonitrile	4.99	53	98516	88.64 ug/l	99
16) Acetone	3.82	43	91971	90.63 ug/l	93
17) Carbon Disulfide	4.06	76	157713	20.47 ug/l	98
18) Methyl Acetate	4.33	43	48430	17.32 ug/l	97
19) Methyl tert-butyl Ether	5.05	73	146670	19.00 ug/l	96
20) Methylene Chloride	4.56	84	58622	18.55 ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	52463	18.14 ug/l	95
22) Diisopropyl ether	5.95	45	221320	19.67 ug/l	98
23) Vinyl Acetate	5.90	43	657674	86.15 ug/l	100
24) 1,1-Dichloroethane	5.85	63	114491	18.97 ug/l	98
25) 2-Butanone	6.83	43	127650	89.37 ug/l	96
26) 2,2-Dichloropropane	6.83	77	78782	17.75 ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	62383	18.53 ug/l	94
28) Bromochloromethane	7.20	49	63327	20.41 ug/l	94
29) Tetrahydrofuran	7.21	42	78590	83.75 ug/l	98
30) Chloroform	7.37	83	115984	20.17 ug/l	94
31) Cyclohexane	7.66	56	112934	19.51 ug/l	# 94
32) 1,1,1-Trichloroethane	7.57	97	95025	19.40 ug/l	97
36) 1,1-Dichloropropene	7.79	75	84694	19.61 ug/l	99
37) Ethyl Acetate	6.93	43	50560	16.13 ug/l	# 78
38) Carbon Tetrachloride	7.77	117	83315	20.99 ug/l	98

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

39) Methylcyclohexane	9.08	83	96135	19.49	ug/l	95
40) Benzene	8.04	78	241129	19.54	ug/l	97
41) Methacrylonitrile	7.17	41	27356	18.24	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	88920	20.21	ug/l	100
43) Isopropyl Acetate	8.16	43	97698	16.15	ug/l	99
44) Trichloroethene	8.83	130	60866	20.02	ug/l	98
45) 1,2-Dichloropropane	9.12	63	67057	19.15	ug/l	98
46) Dibromomethane	9.21	93	38968	19.22	ug/l	97
47) Bromodichloromethane	9.40	83	86694	20.84	ug/l	99
48) Methyl methacrylate	9.20	41	50021	16.29	ug/l	96
49) 1,4-Dioxane	9.20	88	8413	357.01	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	274786	90.23	ug/l	98
52) Toluene	10.15	92	144114	19.52	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	80120	19.09	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	91551	19.14	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	50817	18.99	ug/l	95
56) Ethyl methacrylate	10.43	69	55637	15.81	ug/l	93
57) 1,3-Dichloropropane	10.71	76	90847	19.16	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	182969	91.31	ug/l	98
59) 2-Hexanone	10.75	43	176366	84.20	ug/l	99
60) Dibromochloromethane	10.90	129	58324	20.14	ug/l	98
61) 1,2-Dibromoethane	11.00	107	48784	18.30	ug/l	100
64) Tetrachloroethene	10.63	164	54255	20.44	ug/l	99
65) Chlorobenzene	11.43	112	155165	19.67	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	54804	20.37	ug/l	99
67) Ethyl Benzene	11.51	91	280518	20.48	ug/l	98
68) m/p-Xylenes	11.62	106	205852	41.14	ug/l	99
69) o-Xylene	11.95	106	102106	21.29	ug/l	98
70) Styrene	11.96	104	159851	20.81	ug/l	99
71) Bromoform	12.13	173	34064	21.44	ug/l #	96
73) Isopropylbenzene	12.25	105	272987	20.39	ug/l	99
74) N-amyl acetate	12.07	43	73391	15.39	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	59409	18.35	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	51458m	18.21	ug/l	
77) Bromobenzene	12.52	156	61186	19.64	ug/l	97
78) n-propylbenzene	12.59	91	320066	20.44	ug/l	99
79) 2-Chlorotoluene	12.67	91	186166	20.35	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	220473	20.70	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	14763	16.94	ug/l	87
82) 4-Chlorotoluene	12.77	91	189977	20.27	ug/l	96
83) tert-Butylbenzene	12.99	119	190532	20.27	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	224522	21.00	ug/l	99
85) sec-Butylbenzene	13.17	105	268019	20.93	ug/l	100
86) p-Isopropyltoluene	13.29	119	221801	20.45	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	108554	19.62	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	109687	19.94	ug/l	100
89) n-Butylbenzene	13.61	91	194278	20.85	ug/l	99
90) Hexachloroethane	13.87	117	40350	21.00	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	105471	19.67	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	8833	18.50	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	44216	19.18	ug/l	99
94) Hexachlorobutadiene	15.01	225	25926	21.13	ug/l	98
95) Naphthalene	15.13	128	91936	17.39	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	40787	20.02	ug/l	99

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

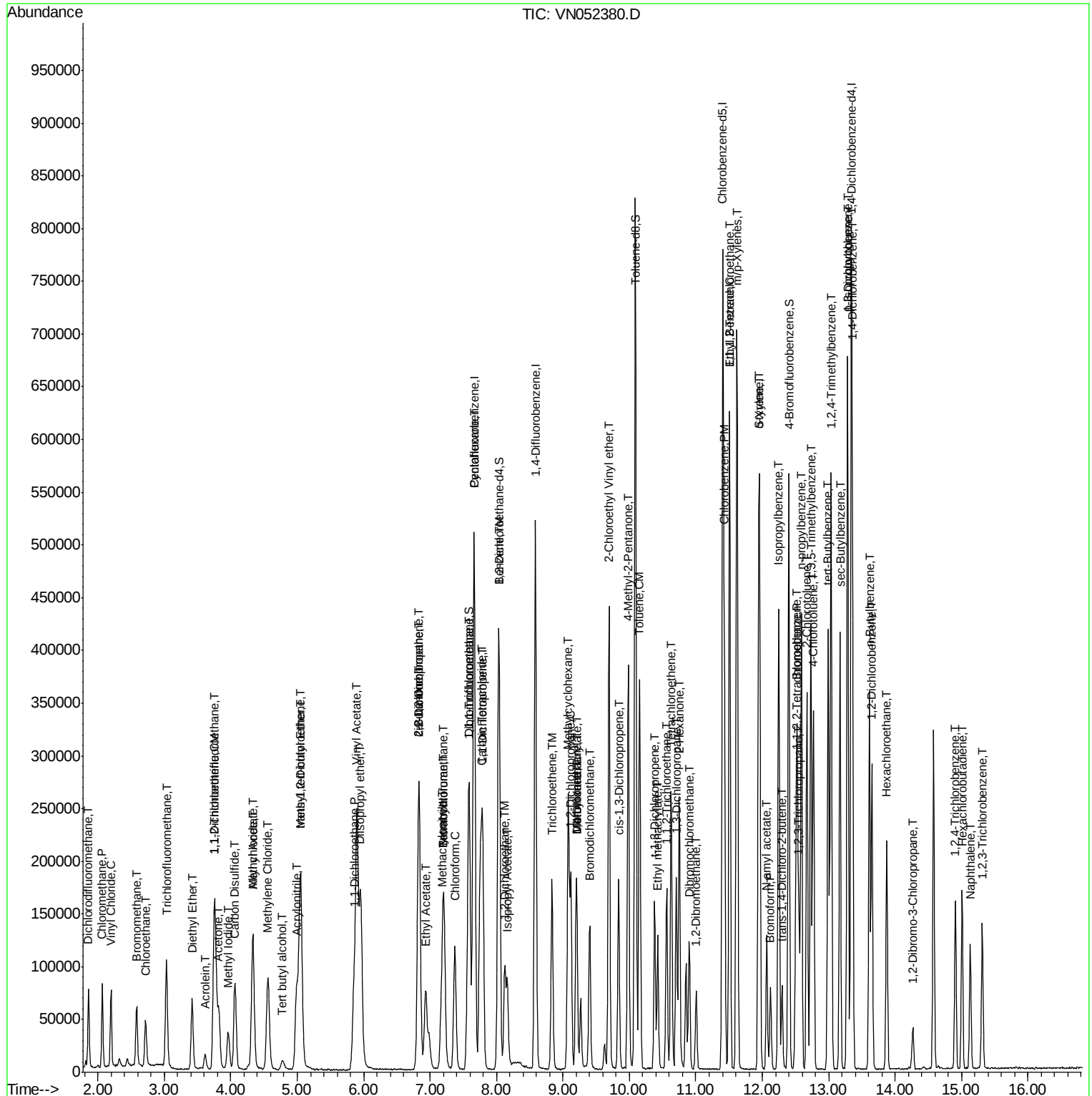
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Data File : VN052380.D
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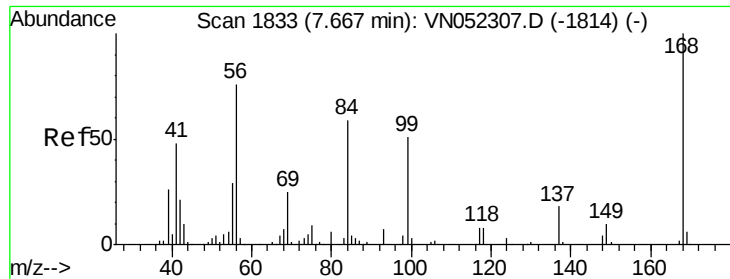
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

Tgt Ion: 168 Resp: 260952

Ion Ratio Lower Upper

168 100

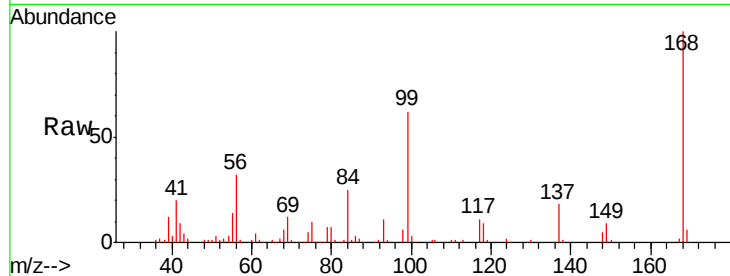
99 61.7 47.9 71.9

Manual Integrations

APPROVED

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11/20/2018 11:39:18 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

120000

100000

80000

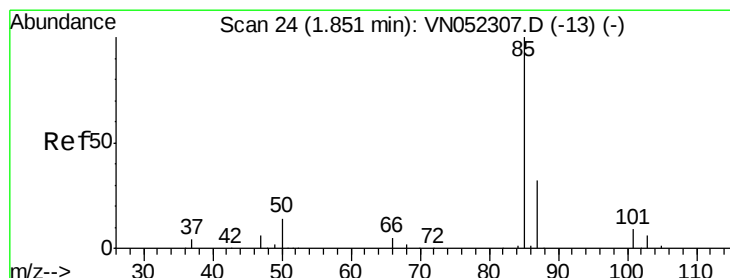
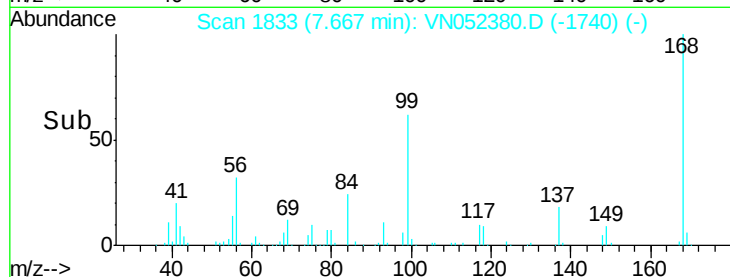
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.64 ug/l

RT: 1.86 min Scan# 26

Delta R.T. 0.01 min

Lab File: VN052380.D

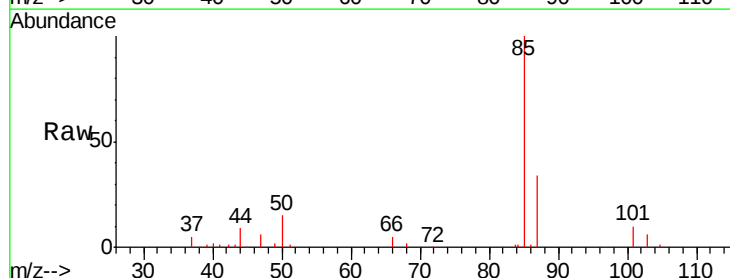
Acq: 19 Nov 2018 13:03

Tgt Ion: 85 Resp: 54312

Ion Ratio Lower Upper

85 100

87 34.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.86

40000

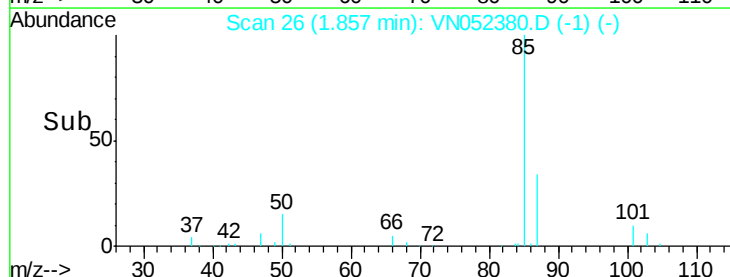
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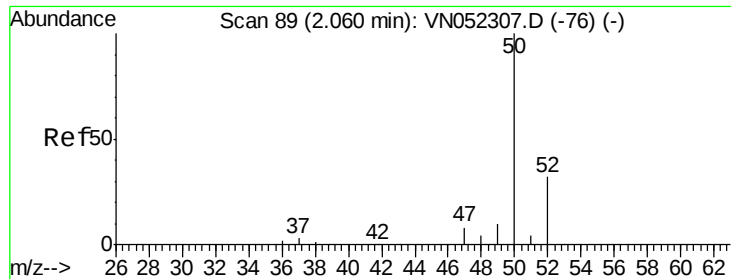
20000

10000

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Time-->





#3

Chloromethane

Concen: 18.46 ug/l

RT: 2.07 min Scan# 91

Delta R.T. 0.01 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

Tgt Ion: 50 Resp: 70921

Ion Ratio Lower Upper

50 100

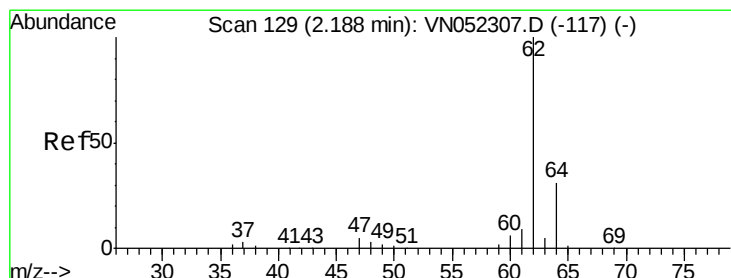
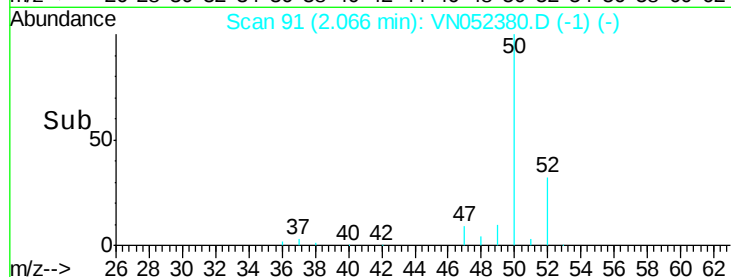
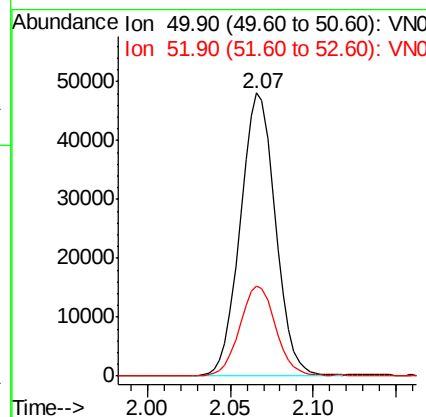
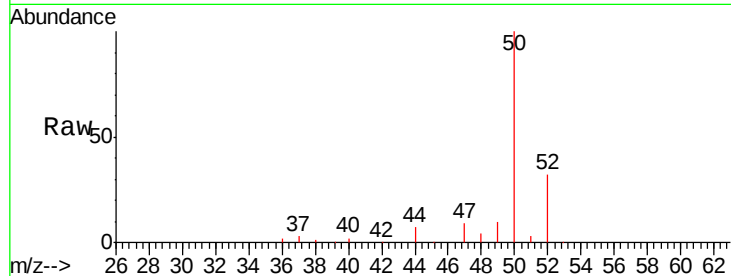
52 31.9 25.5 38.3

Manual Integrations

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11/20/2018 11:39:18 AM



#4

Vinyl Chloride

Concen: 19.19 ug/l

RT: 2.20 min Scan# 132

Delta R.T. 0.01 min

Lab File: VN052380.D

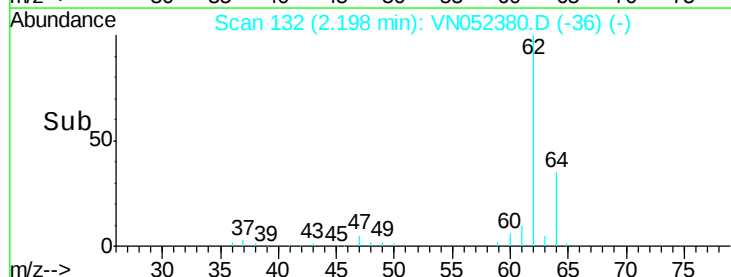
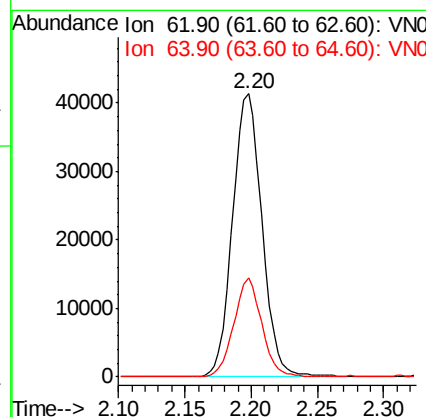
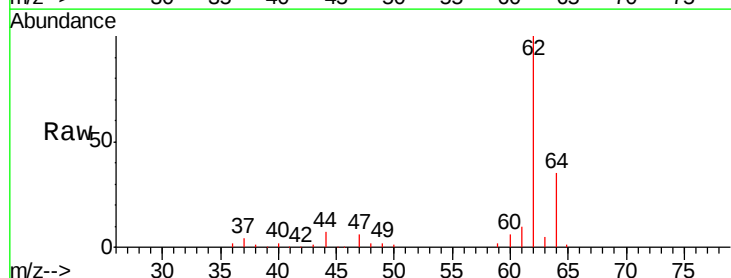
Acq: 19 Nov 2018 13:03

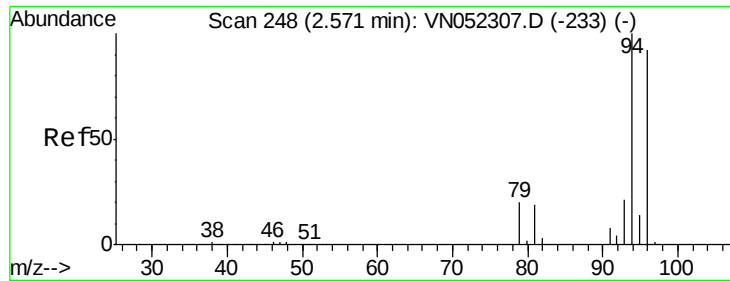
Tgt Ion: 62 Resp: 63734

Ion Ratio Lower Upper

62 100

64 34.8 25.2 37.8





#5

Bromomethane

Concen: 17.22 ug/l

RT: 2.58 min Scan# 252

Delta R.T. 0.01 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

Instrument :

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ClientSampleId :

VN1119WBSD01

Tgt Ion: 94 Resp: 35663

Ion Ratio Lower Upper

94 100

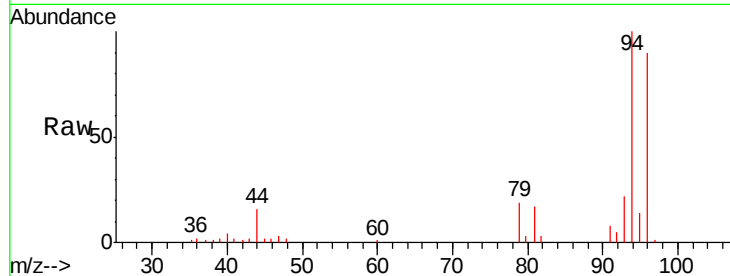
96 90.1 73.6 110.4

Manual Integrations

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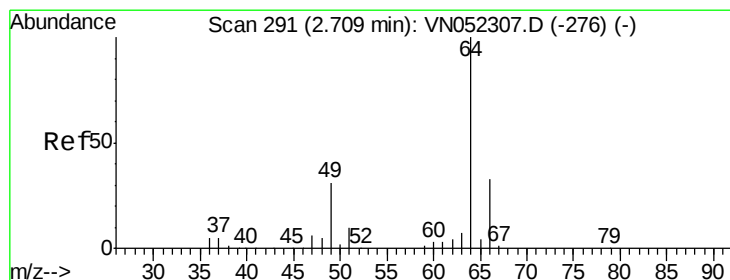
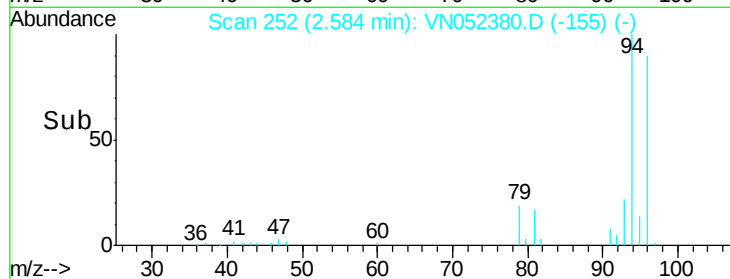
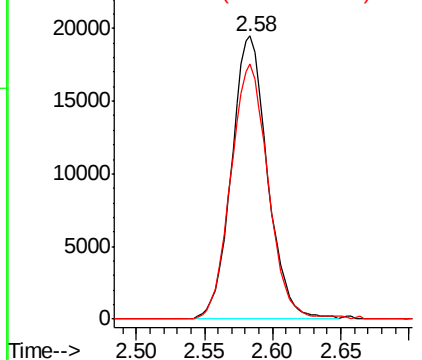
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.15 ug/l

RT: 2.72 min Scan# 293

Delta R.T. 0.01 min

Lab File: VN052380.D

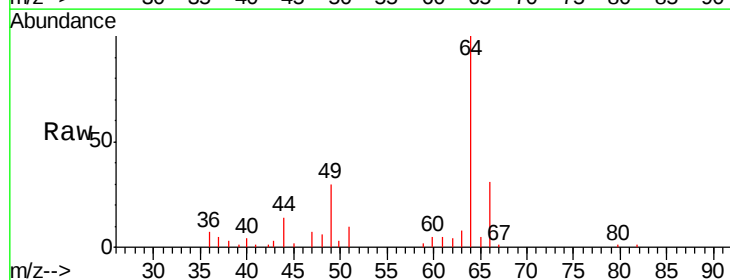
Acq: 19 Nov 2018 13:03

Tgt Ion: 64 Resp: 37837

Ion Ratio Lower Upper

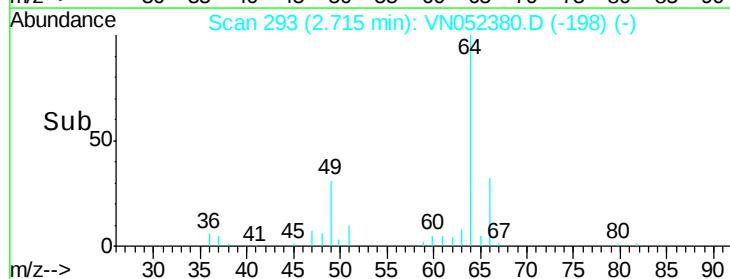
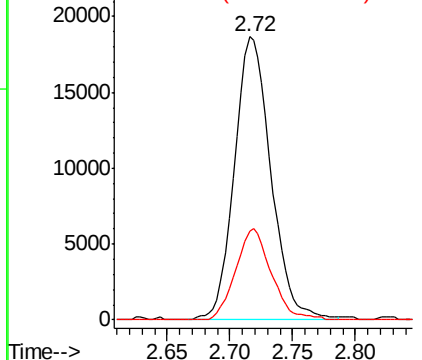
64 100

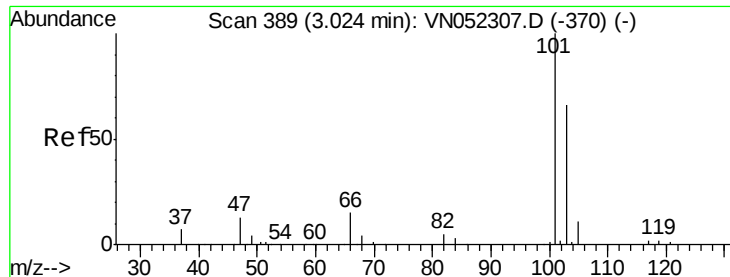
66 31.2 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

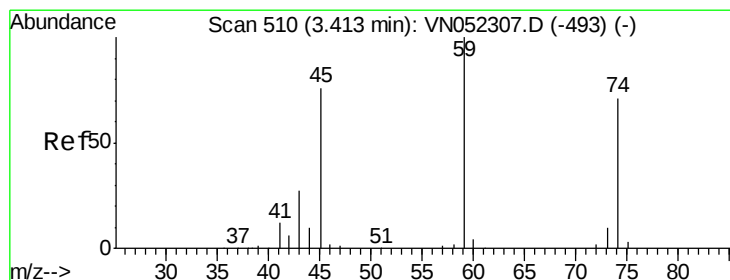
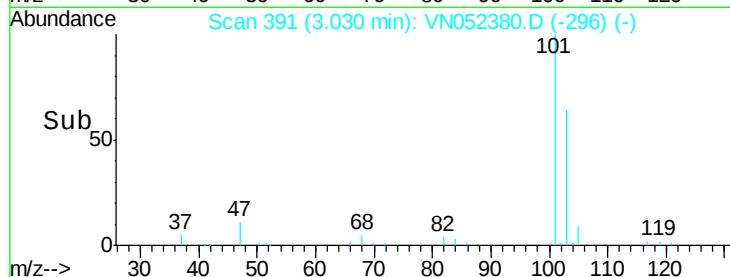
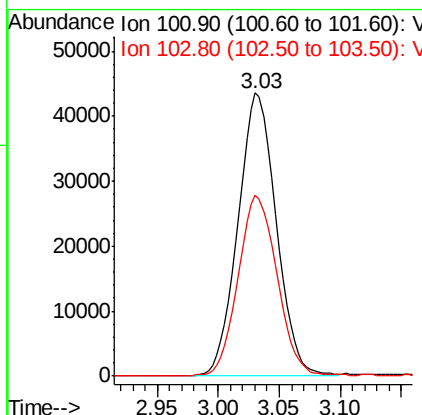
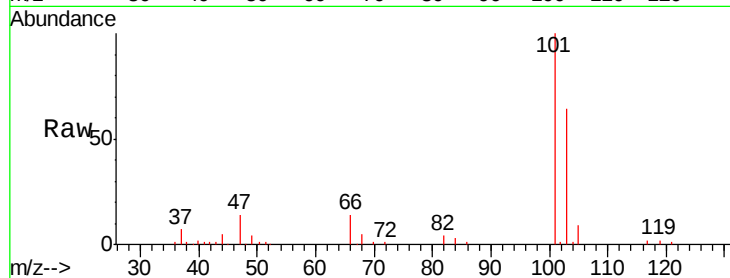
Trichlorofluoromethane
 Concen: 20.59 ug/l
 RT: 3.03 min Scan# 391
 Delta R.T. 0.01 min
 Lab File: VN052380.D
 Acq: 19 Nov 2018 13:03

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Tgt Ion: 101 Resp: 94659
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.8 79.2

Manual Integrations
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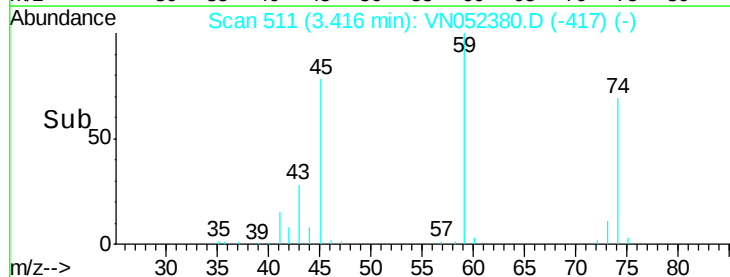
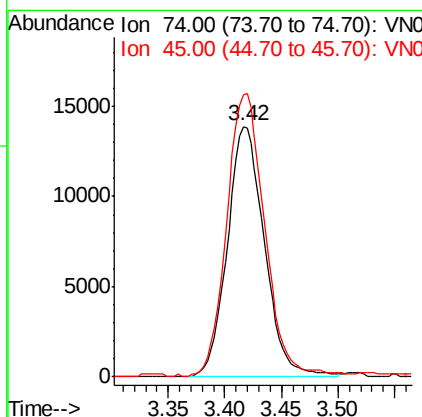
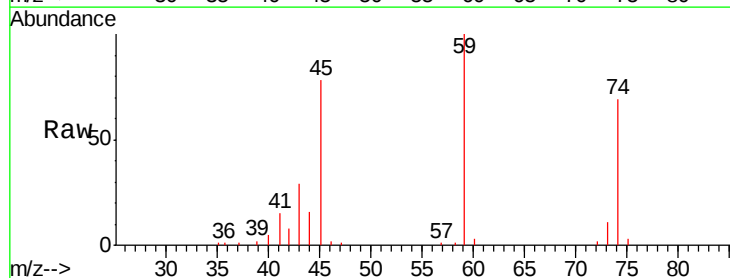
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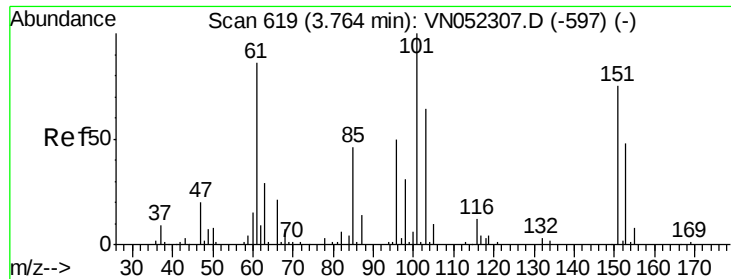


#8

Diethyl Ether
 Concen: 18.13 ug/l
 RT: 3.42 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VN052380.D
 Acq: 19 Nov 2018 13:03

Tgt Ion: 74 Resp: 31763
 Ion Ratio Lower Upper
 74 100
 45 114.9 54.3 162.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.06 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN052380.D

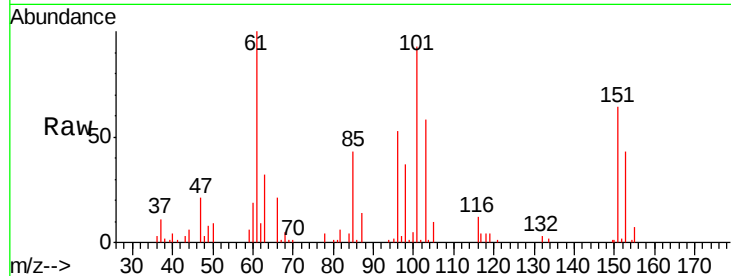
Acq: 19 Nov 2018 13:03

Instrument :

MSVOA_N

ClientSampleId :

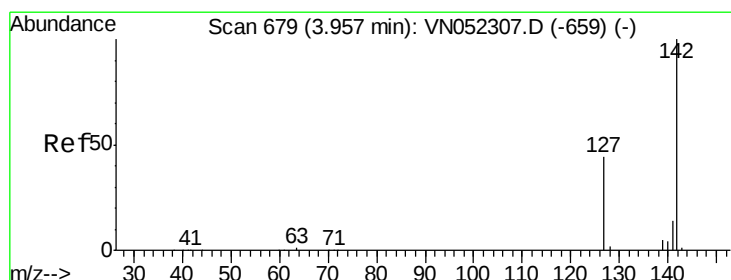
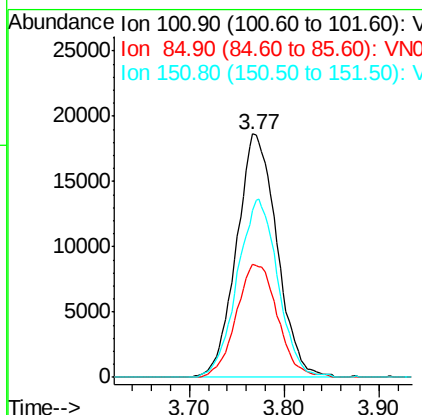
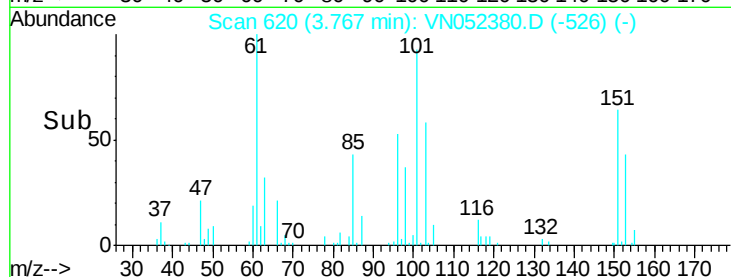
VN1119WBSD01



Tgt Ion:	101	Resp:	55325
Ion Ratio	Lower	Upper	
101	100		
85	47.4	37.4	56.0
151	73.3	58.6	88.0

Manual Integrations
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#10

Methyl Iodide

Concen: 14.02 ug/l

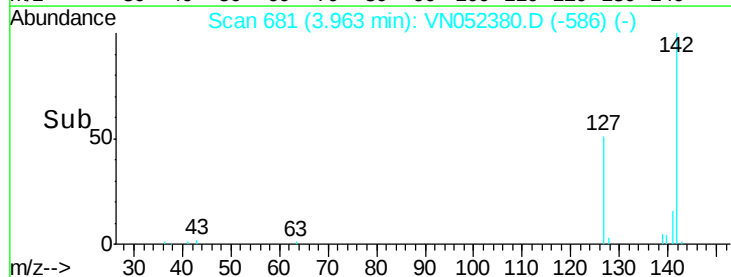
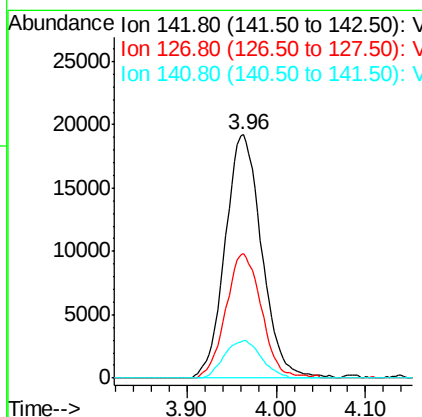
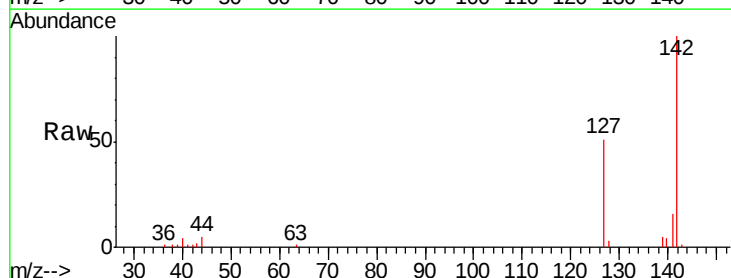
RT: 3.96 min Scan# 681

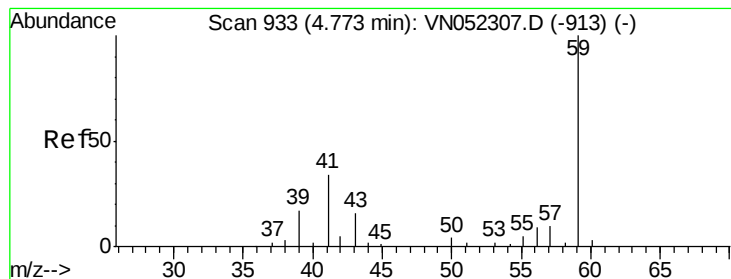
Delta R.T. 0.01 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

Tgt Ion:	142	Resp:	54631
Ion Ratio	Lower	Upper	
142	100		
127	49.9	36.3	54.5
141	15.6	11.4	17.2





#11

Tert butyl alcohol

Concen: 73.13 ug/l m

RT: 4.77 min Scan# 933

Delta R.T. -0.00 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

Tgt Ion: 59 Resp: 14235

Ion Ratio Lower Upper

59 100

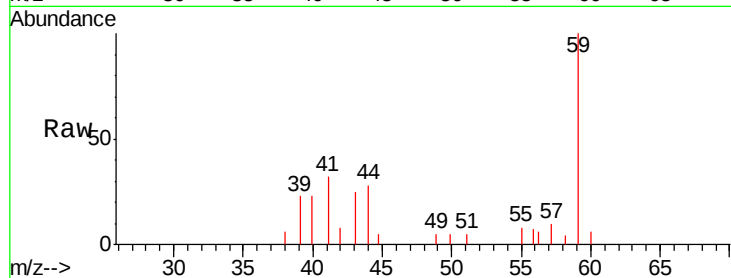
57 5.2 8.5 12.7#

Manual Integrations

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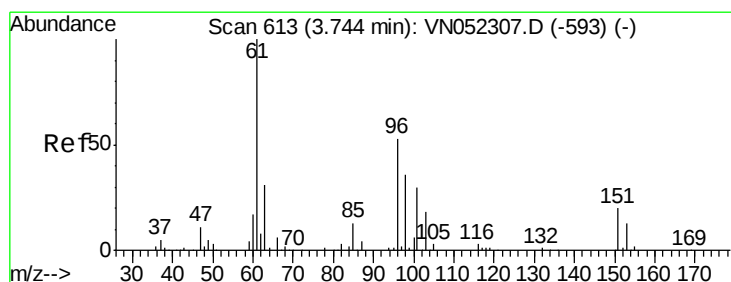
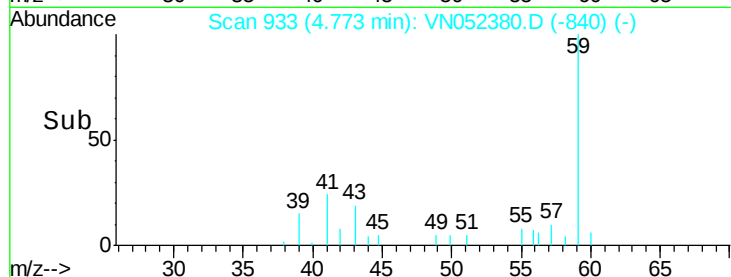
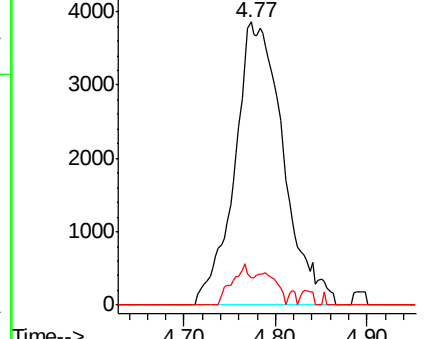
MMDadoda

11/20/2018 11:39:18 AM



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 18.74 ug/l

RT: 3.75 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

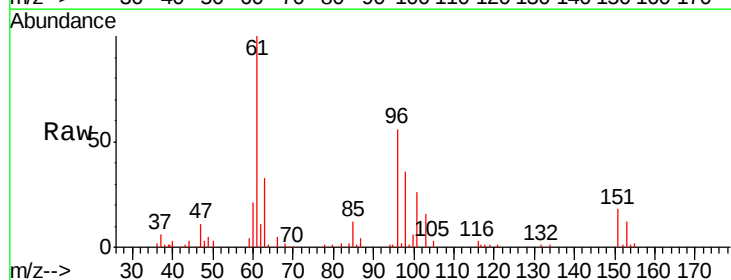
Tgt Ion: 96 Resp: 50331

Ion Ratio Lower Upper

96 100

61 176.3 149.6 224.4

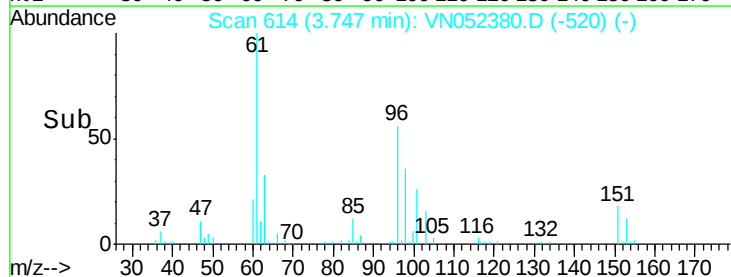
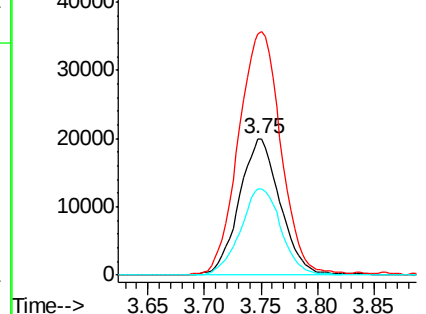
98 63.5 54.2 81.2

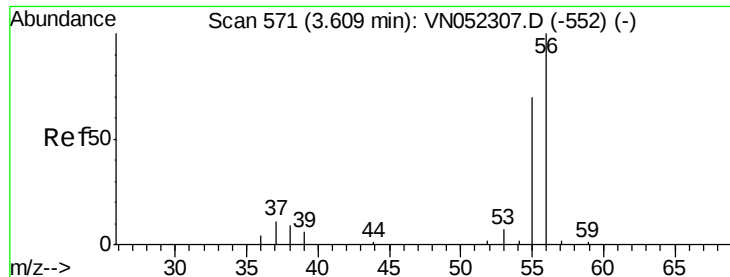


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 70.28 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.00 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

Tgt Ion: 56 Resp: 15599

Ion Ratio Lower Upper

56 100

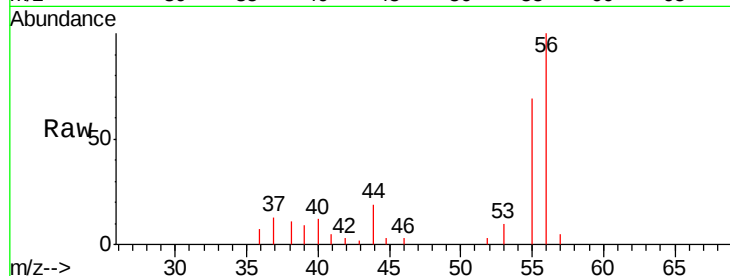
55 71.6 57.6 86.4

Manual Integrations

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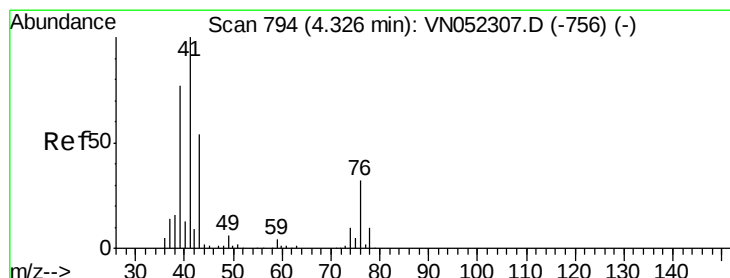
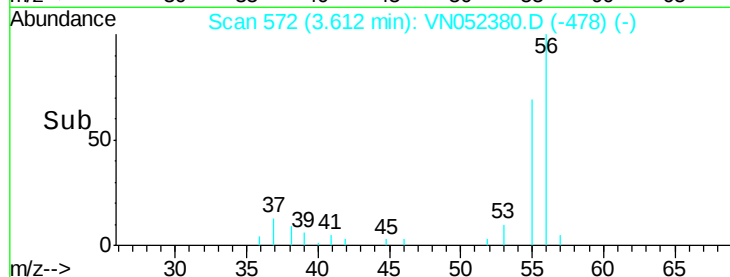
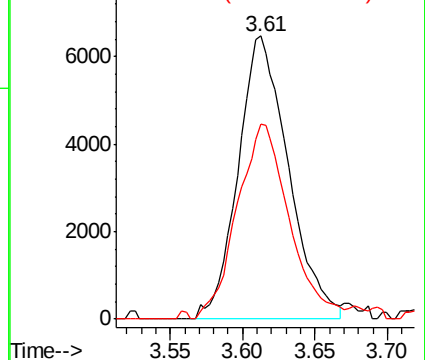
MMDadoda

11/20/2018 11:39:18 AM



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 18.37 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

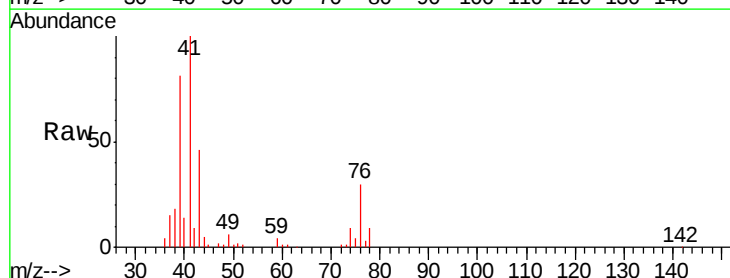
Tgt Ion: 41 Resp: 101324

Ion Ratio Lower Upper

41 100

39 84.0 59.1 88.7

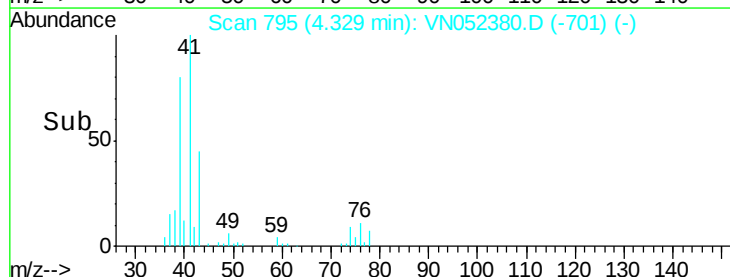
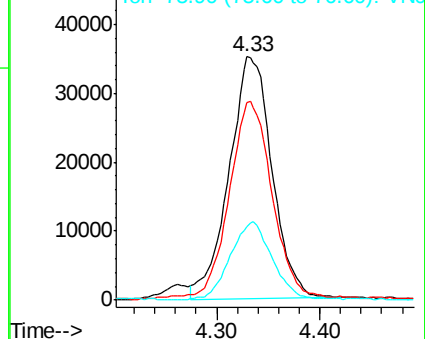
76 31.8 24.1 36.1

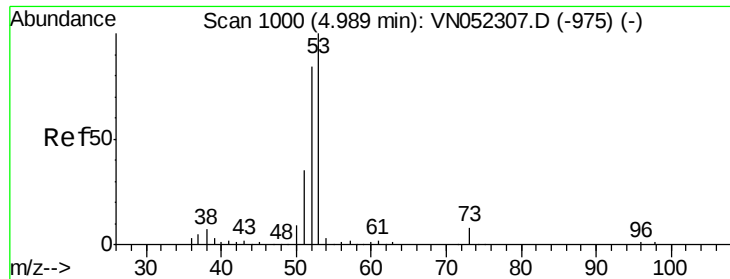


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





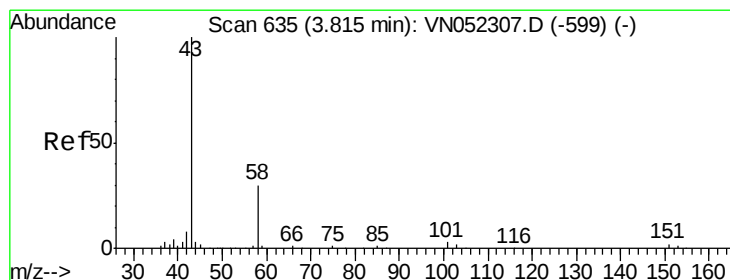
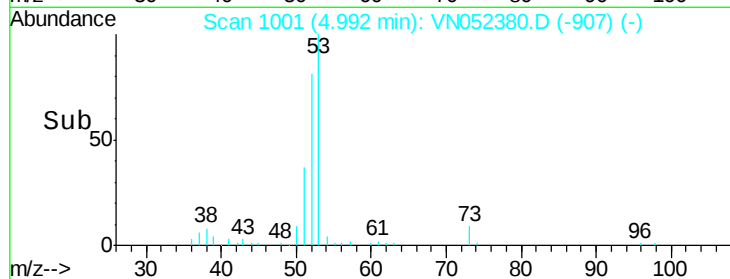
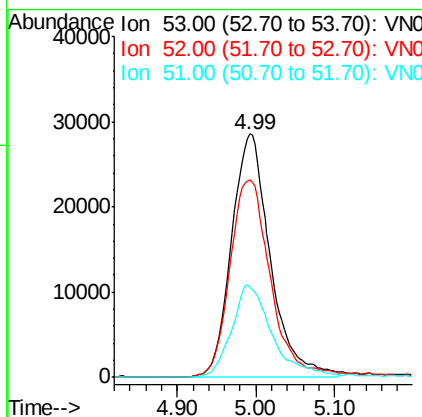
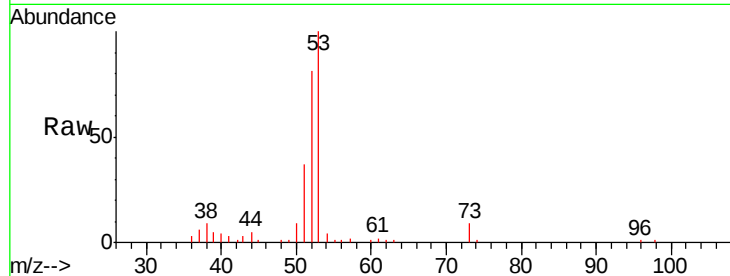
#15
 Acrylonitrile
 Concen: 88.64 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN052380.D
 Acq: 19 Nov 2018 13:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	84.8	67.5	101.3
51	39.7	29.9	44.9

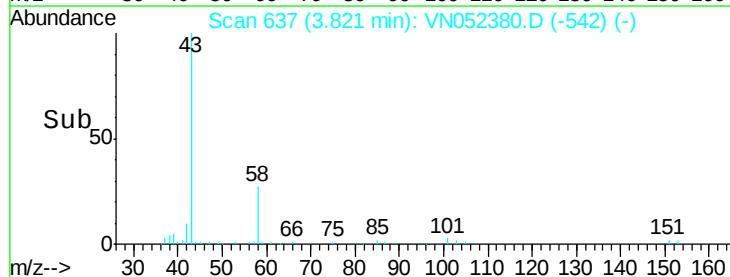
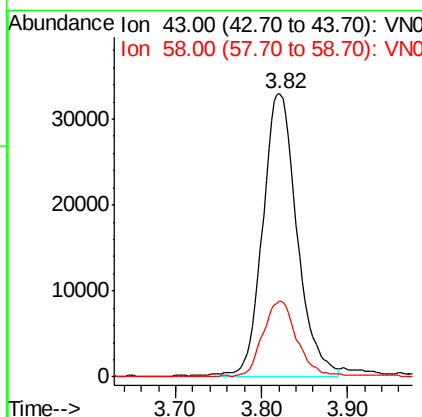
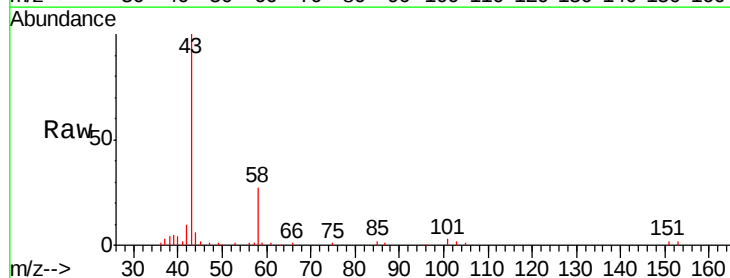
Manual Integrations
 APPROVED

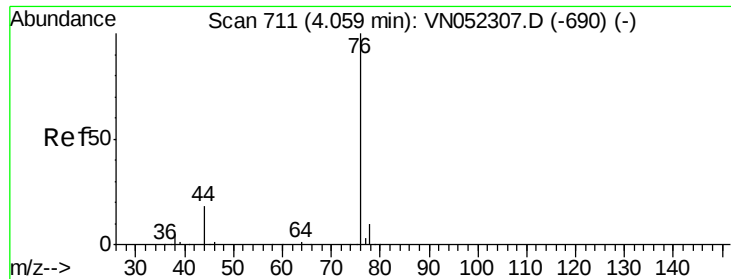
MMDadoda
 11/20/2018 11:39:18 AM



#16
 Acetone
 Concen: 90.63 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.01 min
 Lab File: VN052380.D
 Acq: 19 Nov 2018 13:03

Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.7	24.2	36.4





#17

Carbon Disulfide

Concen: 20.47 ug/l

RT: 4.06 min Scan# 712

Delta R.T. 0.00 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

Tgt Ion: 76 Resp: 157713

Ion Ratio Lower Upper

76 100

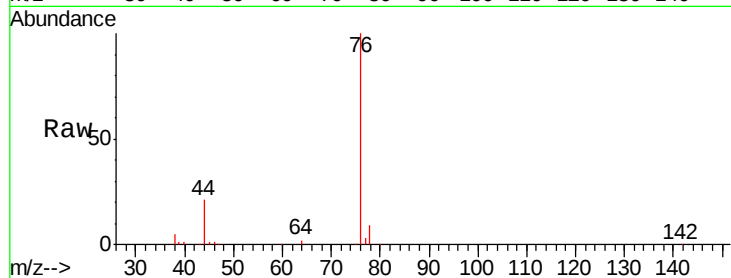
78 8.9 7.7 11.5

Manual Integrations

APPROVED

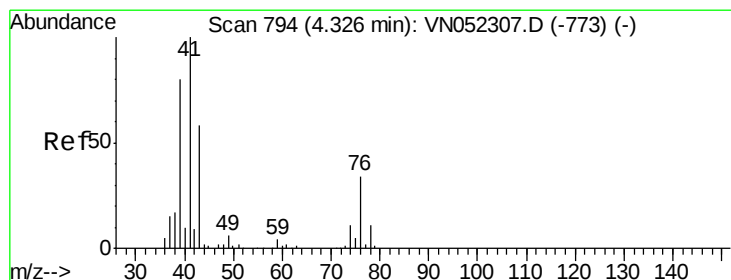
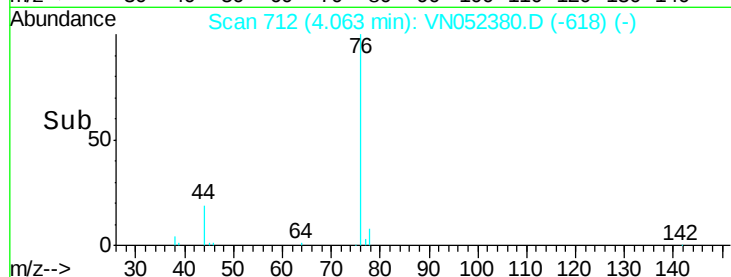
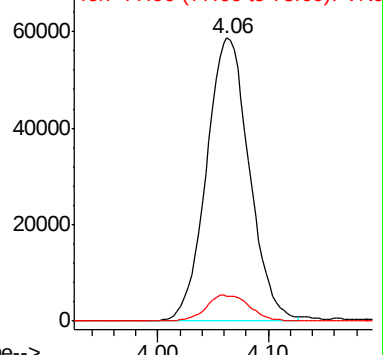
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 17.32 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN052380.D

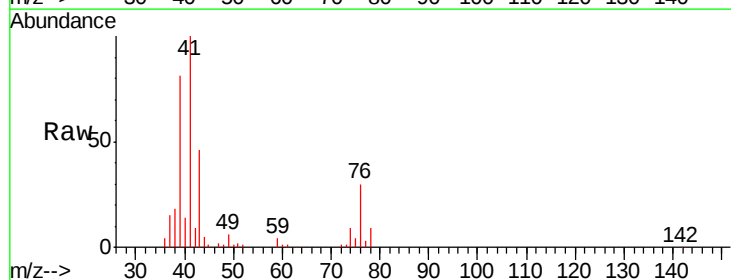
Acq: 19 Nov 2018 13:03

Tgt Ion: 43 Resp: 48430

Ion Ratio Lower Upper

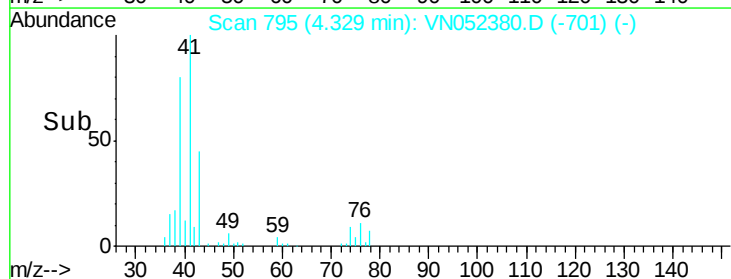
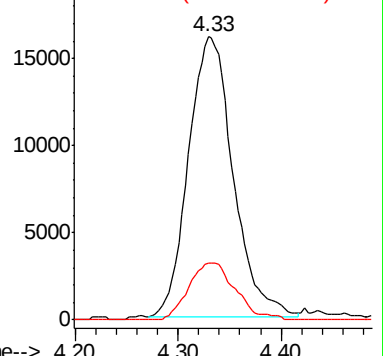
43 100

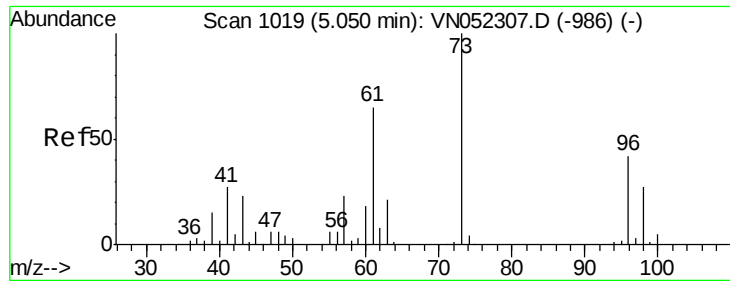
74 21.3 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO





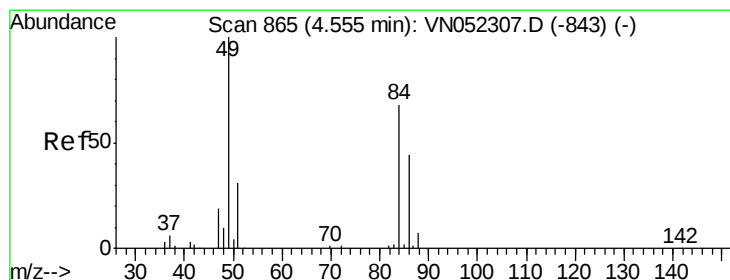
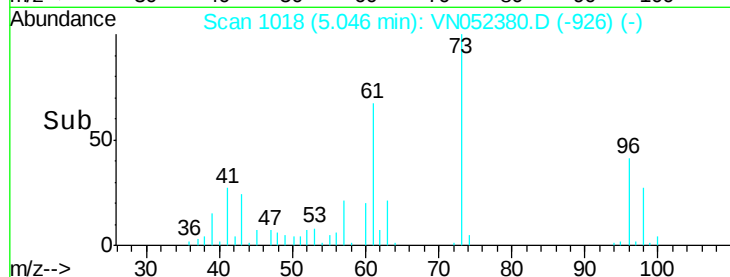
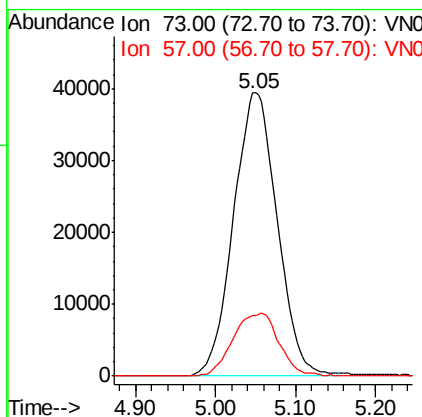
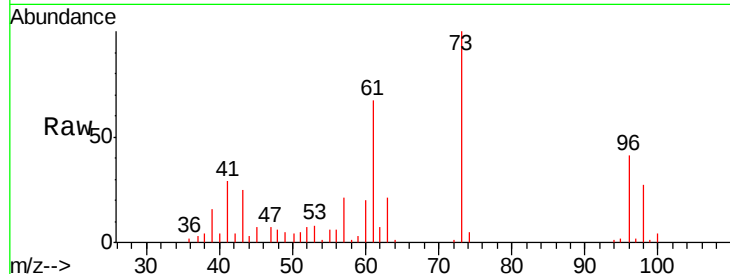
#19
Methyl tert-butyl Ether
Concen: 19.00 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion: 73 Resp: 146670
Ion Ratio Lower Upper
73 100
57 21.3 18.7 28.1

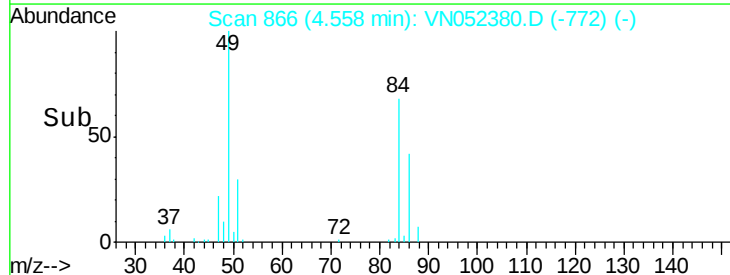
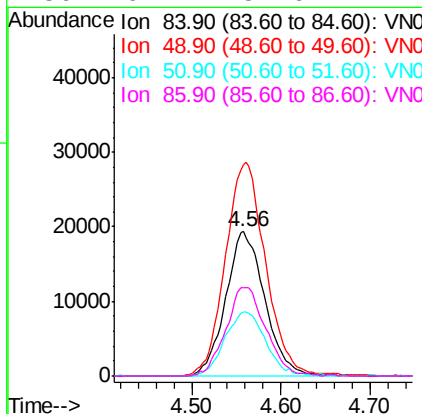
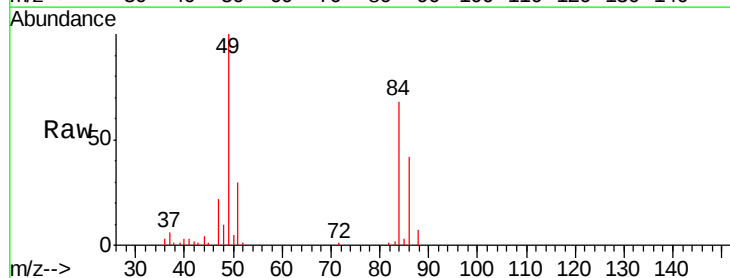
Manual Integrations
APPROVED

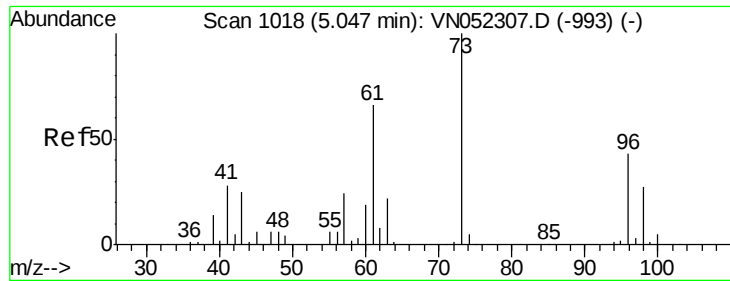
MMDadoda
11/20/2018 11:39:18 AM



#20
Methylene Chloride
Concen: 18.55 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Tgt Ion: 84 Resp: 58622
Ion Ratio Lower Upper
84 100
49 145.4 118.2 177.2
51 44.6 36.1 54.1
86 61.4 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 18.14 ug/l

RT: 5.05 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

Instrument :

MSVOA_N

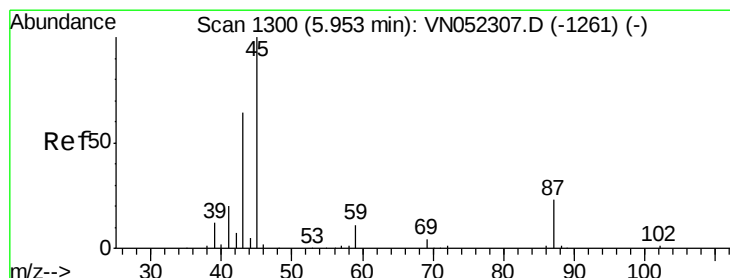
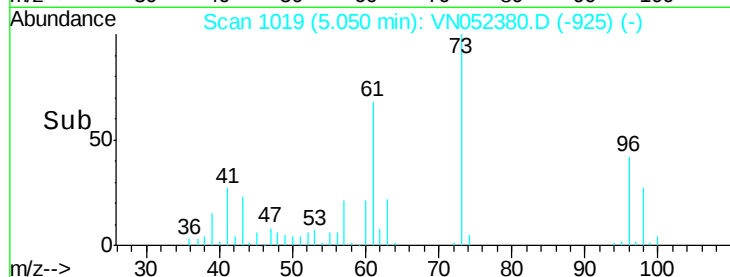
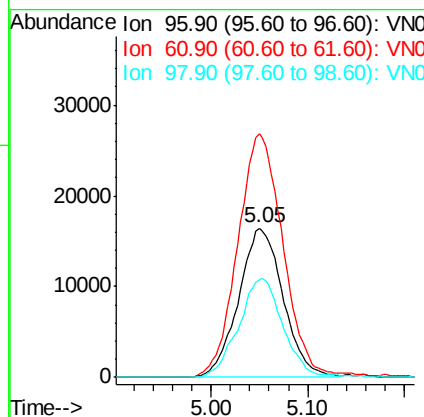
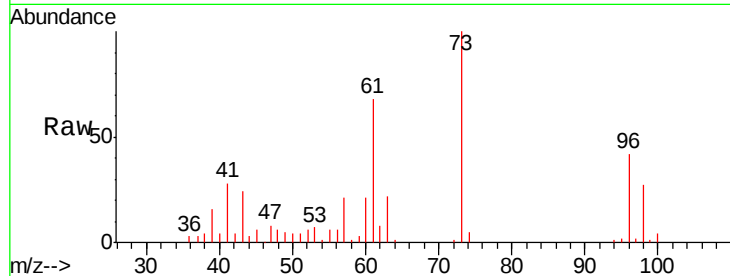
ClientSampleId :

VN1119WBSD01

Tgt Ion:	96	Resp:	52463
Ion	Ratio	Lower	Upper
96	100		
61	162.9	123.6	185.4
98	65.7	50.7	76.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.67 ug/l

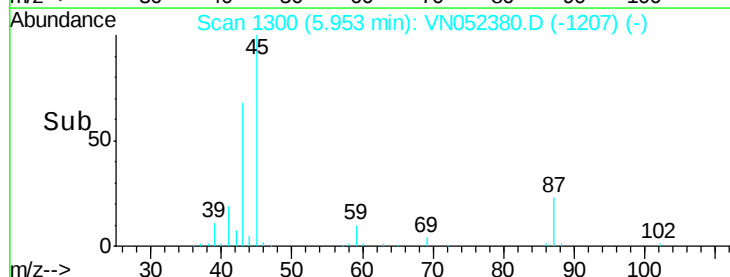
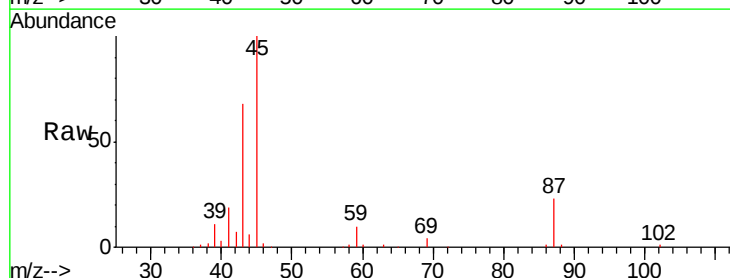
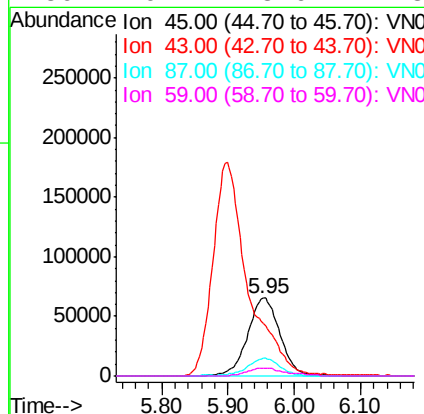
RT: 5.95 min Scan# 1300

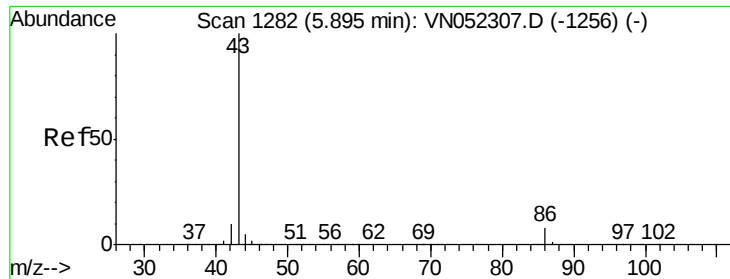
Delta R.T. -0.00 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

Tgt Ion:	45	Resp:	221320
Ion	Ratio	Lower	Upper
45	100		
43	66.2	51.4	77.2
87	22.7	18.8	28.2
59	9.7	8.6	12.8





#23

Vinyl Acetate

Concen: 86.15 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

Tgt Ion: 43 Resp: 657674

Ion Ratio Lower Upper

43 100

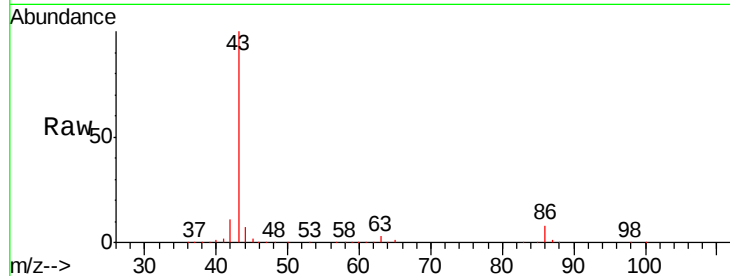
86 8.1 6.5 9.7

Manual Integrations

APPROVED

MMDadoda

11/20/2018 11:39:18 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

200000

150000

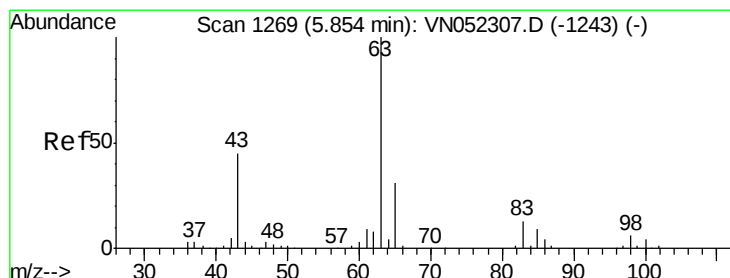
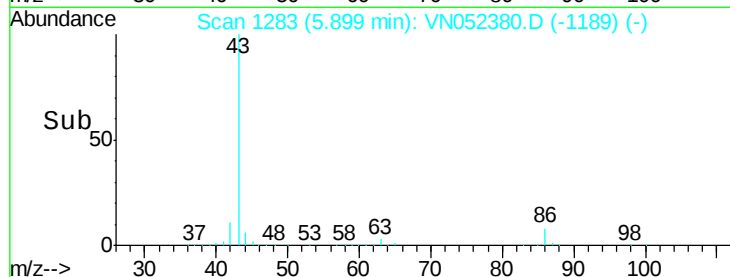
100000

50000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 18.97 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

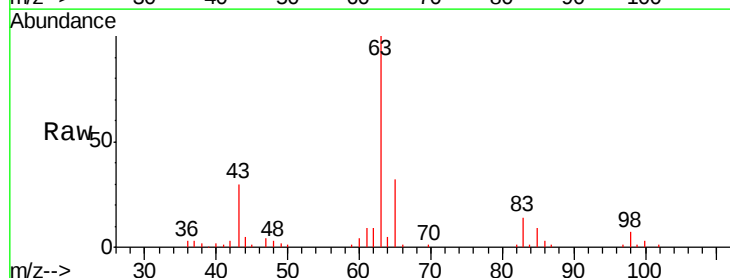
Tgt Ion: 63 Resp: 114491

Ion Ratio Lower Upper

63 100

98 6.6 2.9 8.6

100 3.3 1.9 5.7



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

5.85

40000

30000

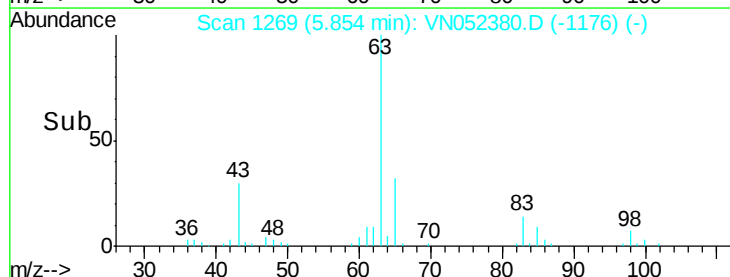
20000

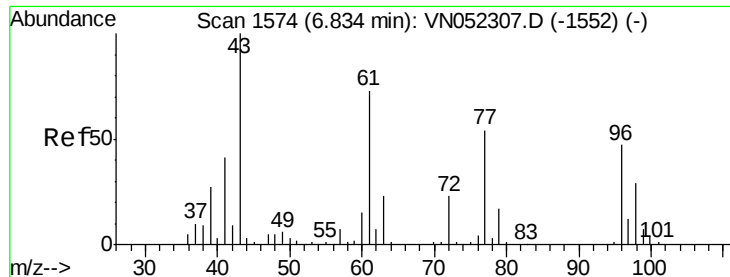
10000

0

5.70 5.80 5.90

Time-->





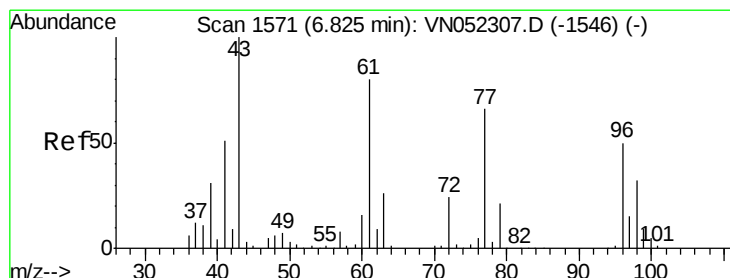
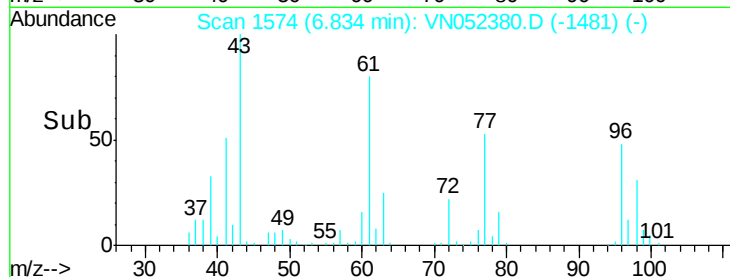
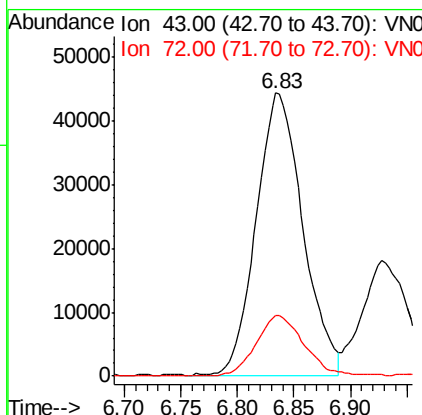
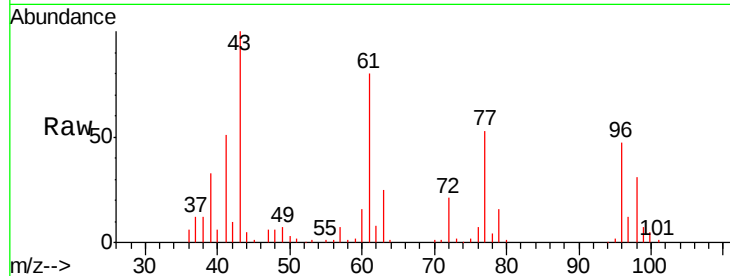
#25
2-Butanone
Concen: 89.37 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion: 43 Resp: 127650
Ion Ratio Lower Upper
43 100
72 21.5 18.6 27.8

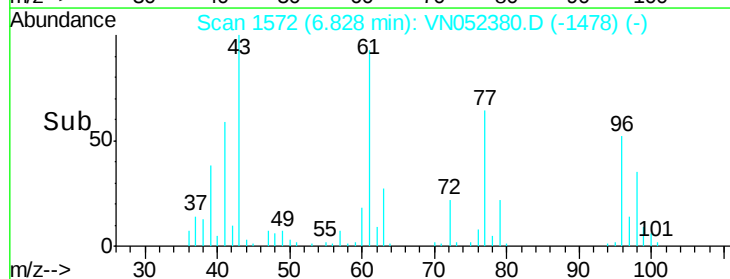
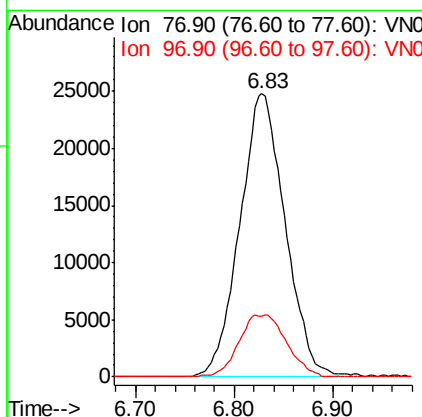
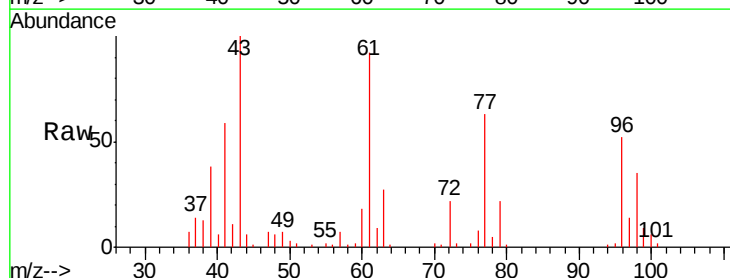
Manual Integrations
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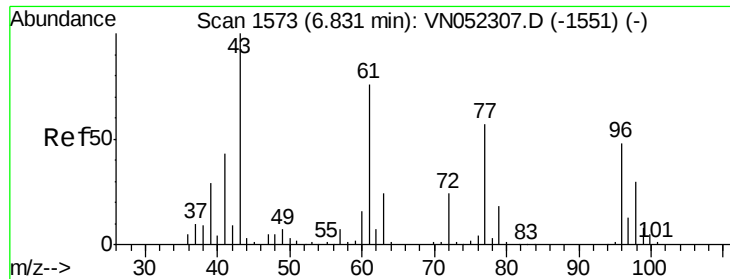
MMDadoda
11/20/2018 11:39:18 AM



#26
2,2-Dichloropropane
Concen: 17.75 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Tgt Ion: 77 Resp: 78782
Ion Ratio Lower Upper
77 100
97 23.0 11.1 33.1





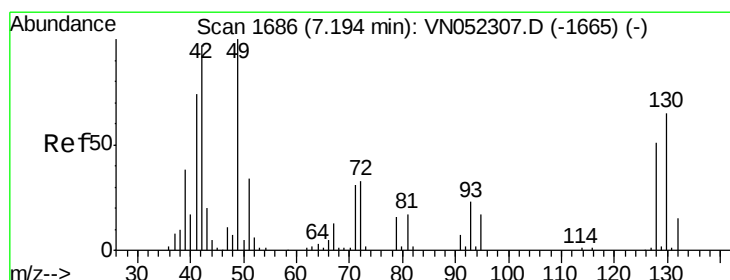
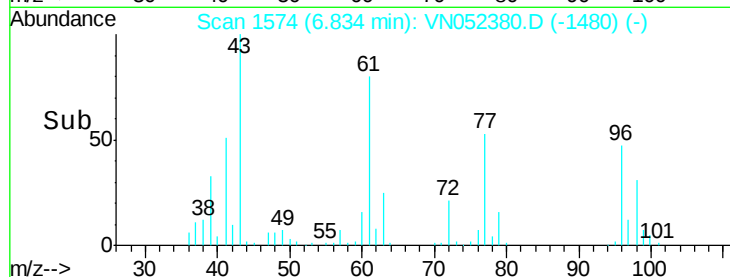
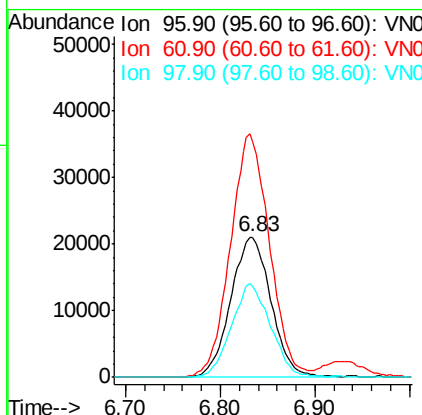
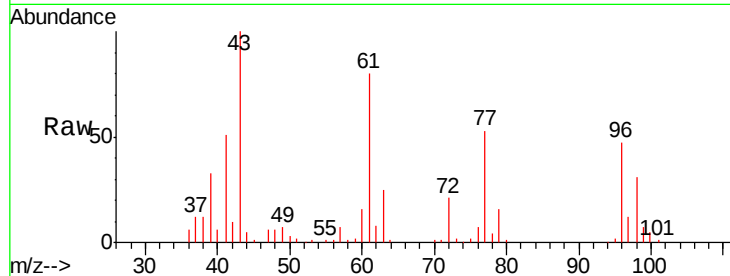
#27
 cis-1,2-Dichloroethene
 Concen: 18.53 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN052380.D
 Acq: 19 Nov 2018 13:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.2	0.0	316.8
98	64.5	0.0	126.6

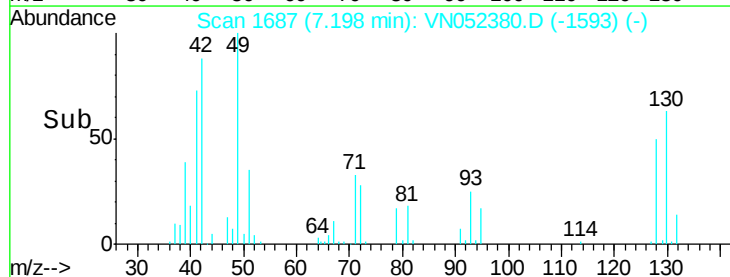
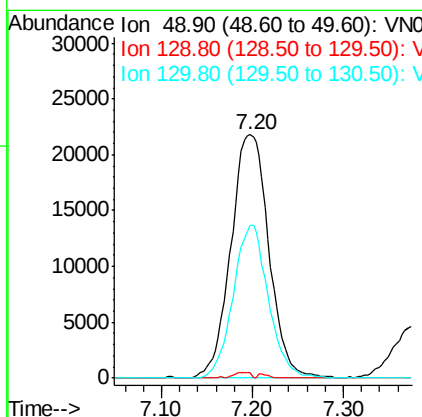
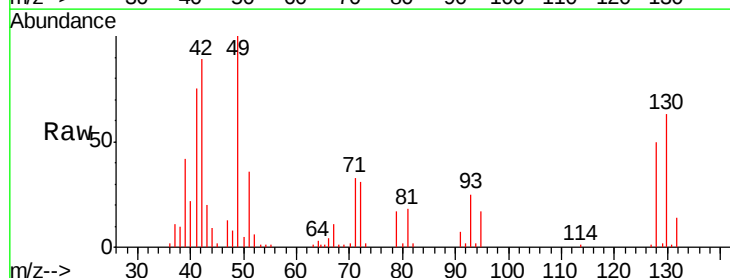
Manual Integrations
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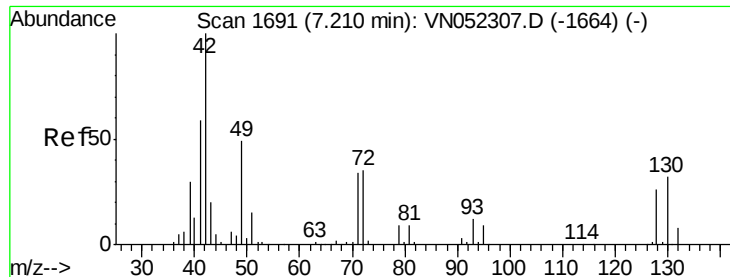
MMDadoda
 11/20/2018 11:39:18 AM



#28
 Bromochloromethane
 Concen: 20.41 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN052380.D
 Acq: 19 Nov 2018 13:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.0
130	58.2	50.4	75.6





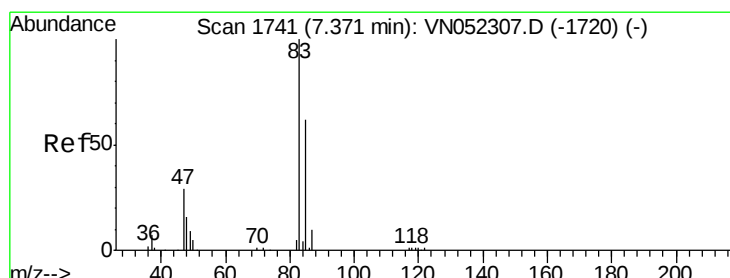
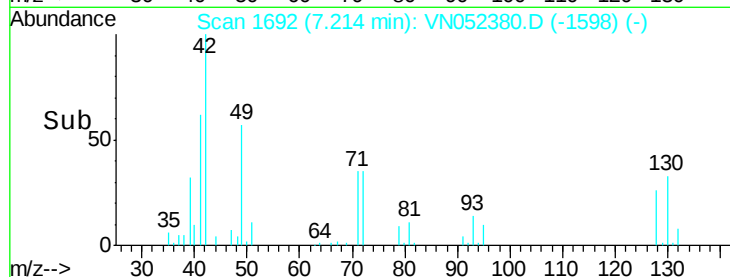
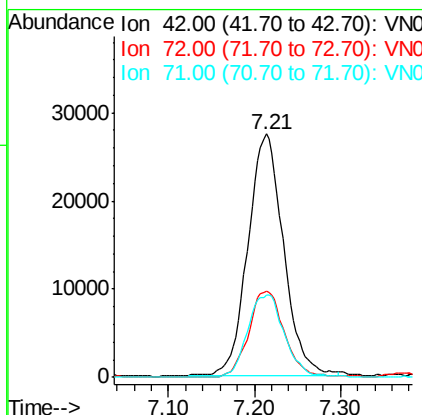
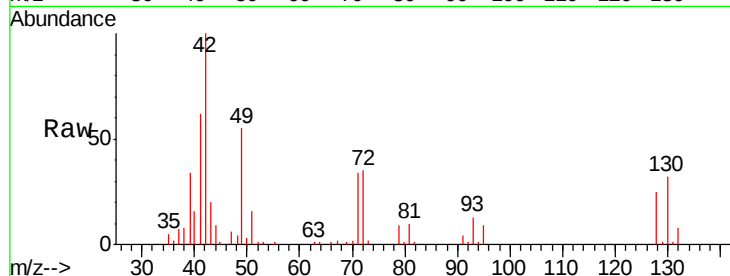
#29
Tetrahydrofuran
Concen: 83.75 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	35.8	28.6	42.8
71	35.6	26.7	40.1

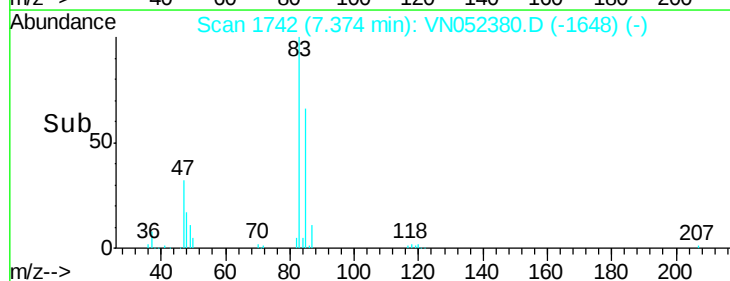
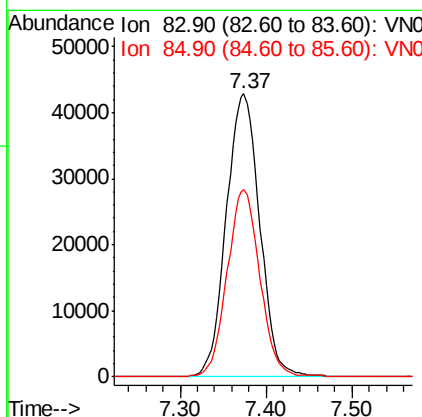
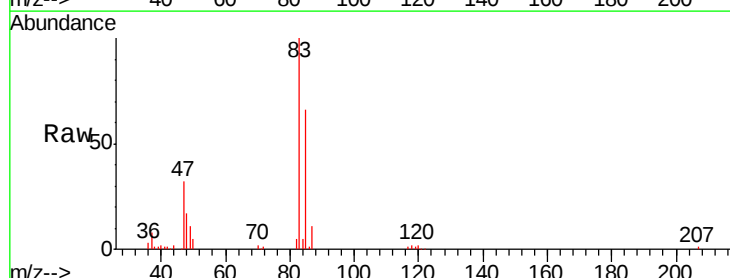
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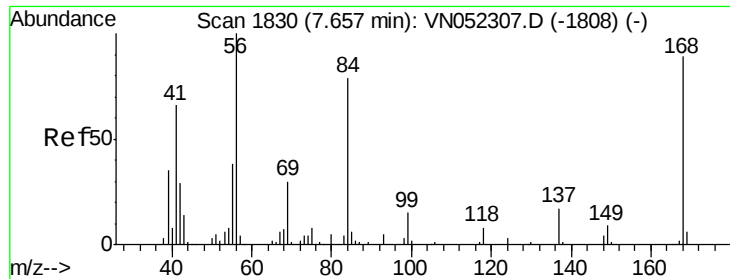
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11/20/2018 11:39:18 AM



#30
Chloroform
Concen: 20.17 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	49.4	74.2





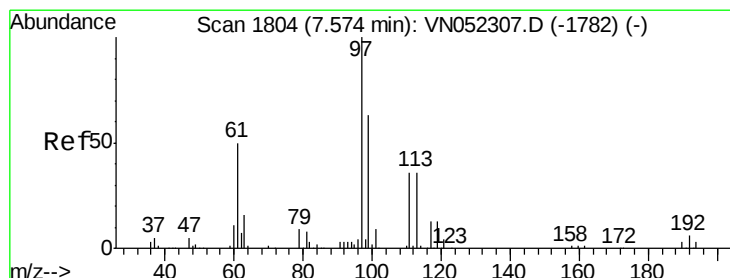
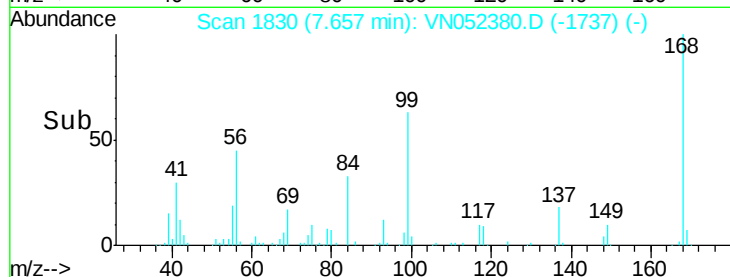
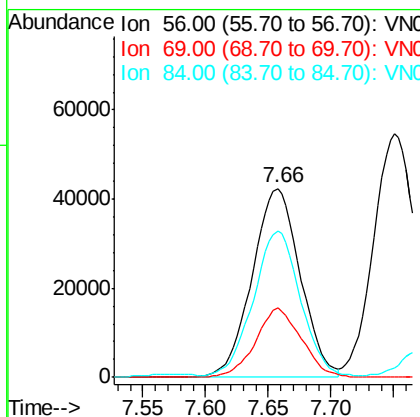
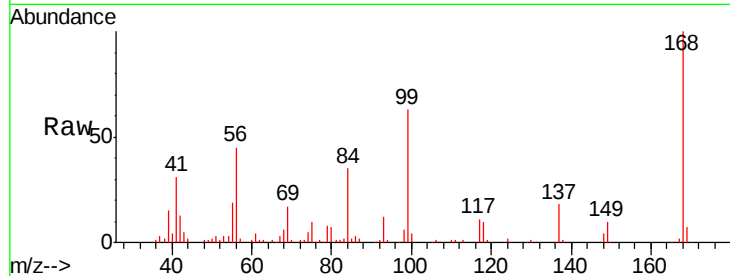
#31
Cyclohexane
Concen: 19.51 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	36.7	23.8	35.8#
84	75.6	63.0	94.6

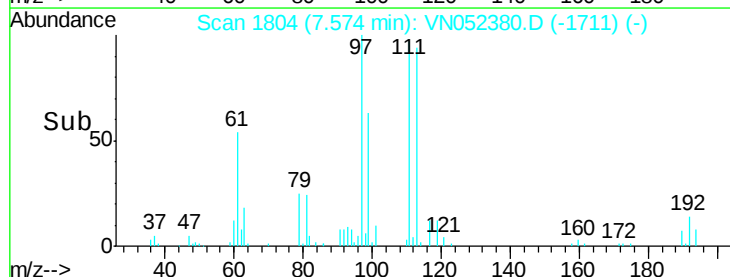
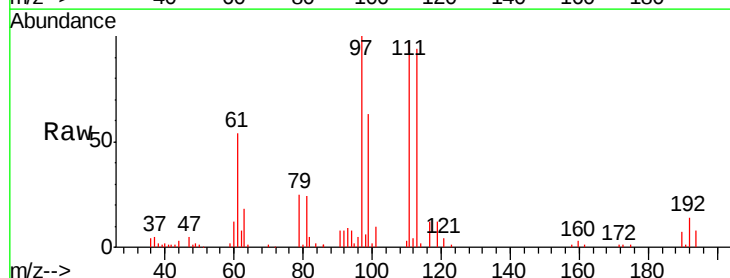
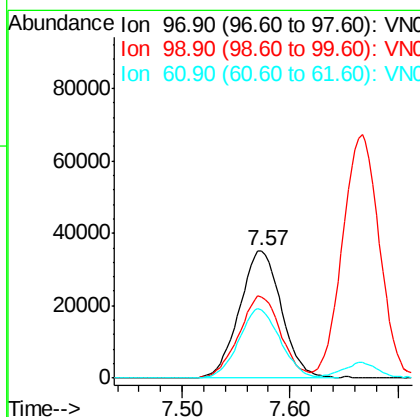
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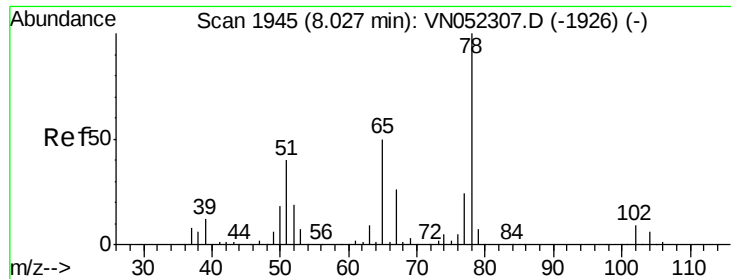
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#32
1,1,1-Trichloroethane
Concen: 19.40 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.2	75.2
61	53.7	40.2	60.4





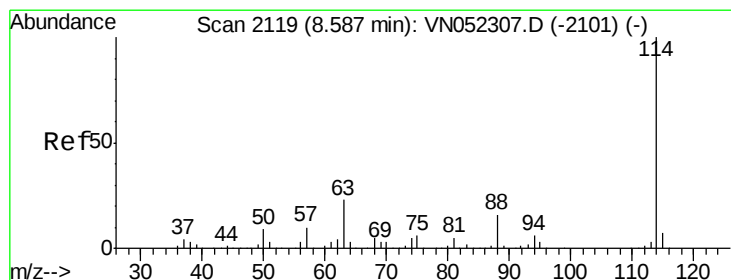
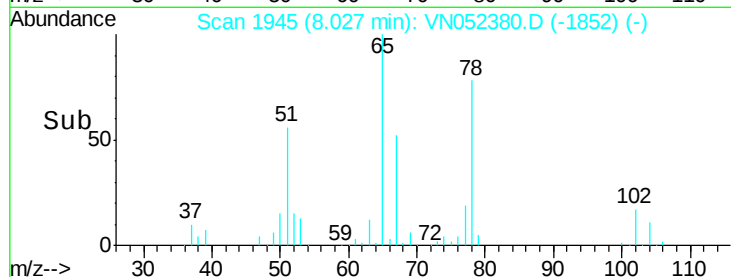
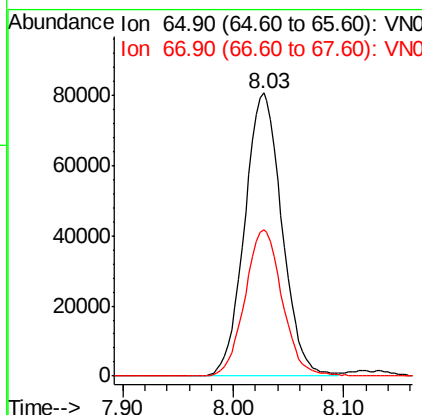
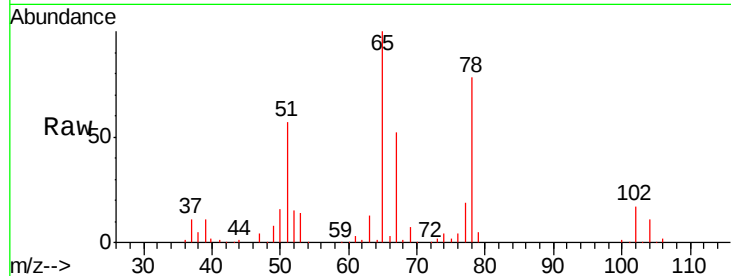
#33
 1,2-Dichloroethane-d4
 Concen: 19.40 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052380.D
 Acq: 19 Nov 2018 13:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	188739		
67	51.7	0.0	105.2	

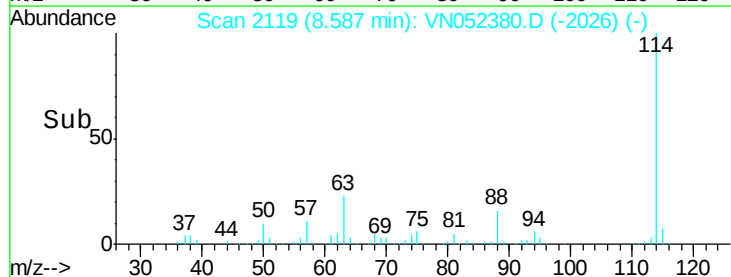
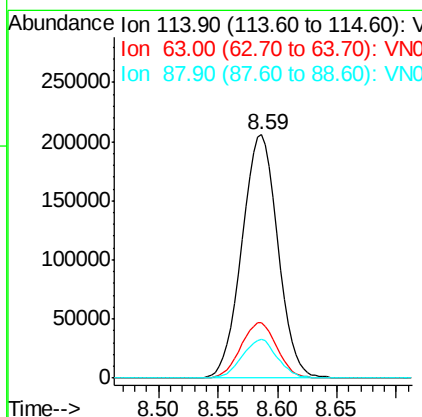
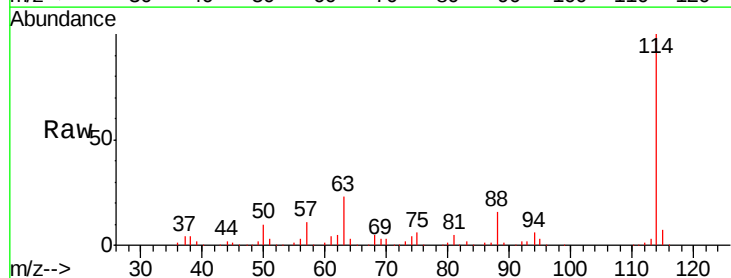
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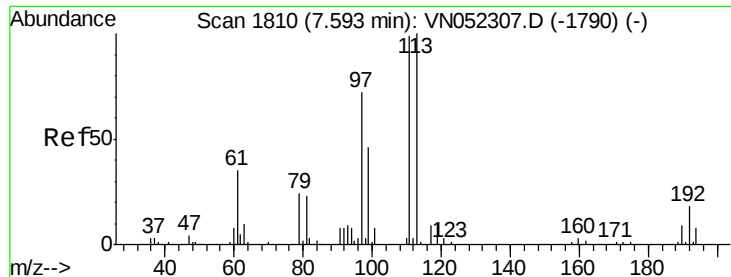
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052380.D
 Acq: 19 Nov 2018 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	431006		
63	22.6	0.0	45.4	
88	15.9	0.0	31.2	





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

Instrument :

MSVOA_N

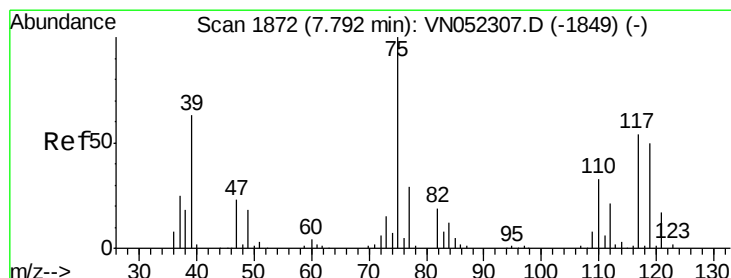
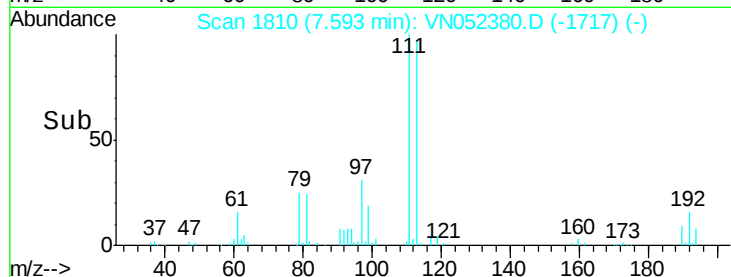
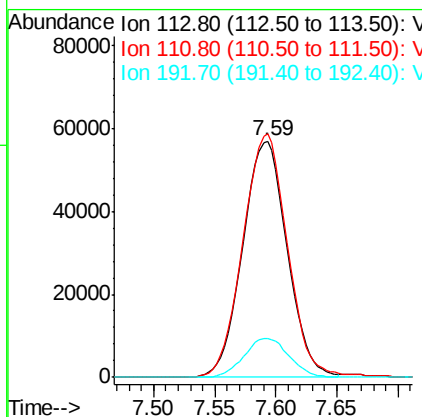
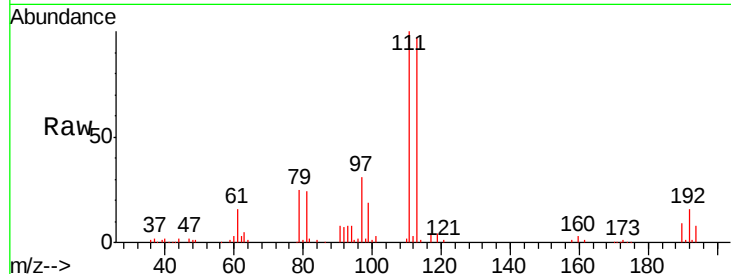
ClientSampleId :

VN1119WBSD01

Tgt Ion:	113	Resp:	143720
Ion Ratio	Lower	Upper	
113	100		
111	103.9	81.0	121.6
192	16.7	13.8	20.6

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#36

1,1-Dichloropropene

Concen: 19.61 ug/l

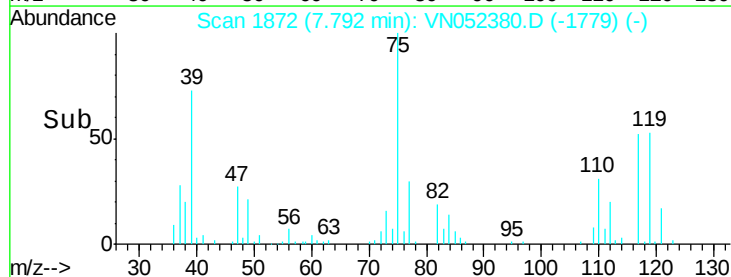
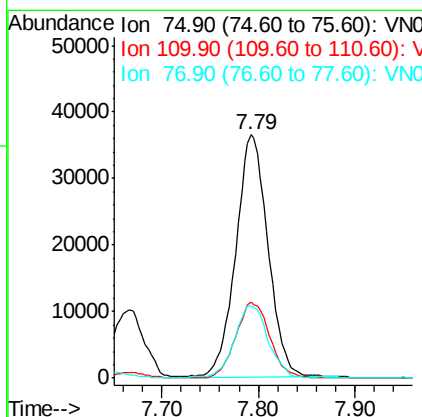
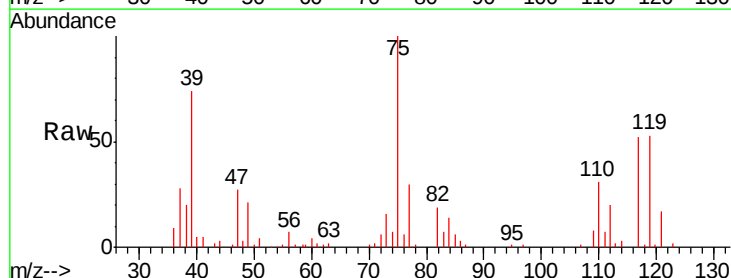
RT: 7.79 min Scan# 1872

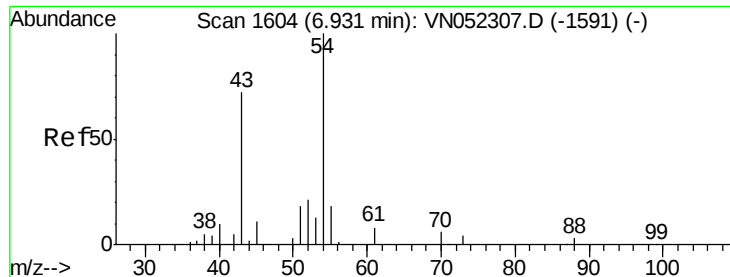
Delta R.T. -0.00 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

Tgt Ion:	75	Resp:	84694
Ion Ratio	Lower	Upper	
75	100		
110	32.8	16.5	49.5
77	31.5	24.2	36.2





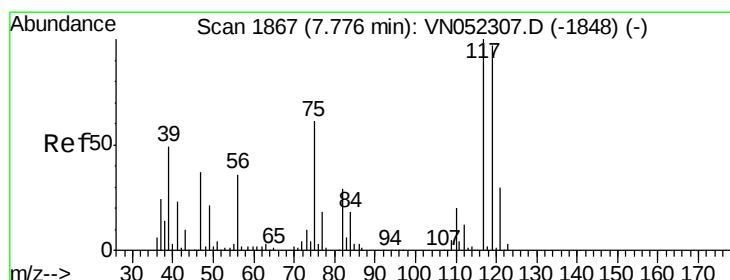
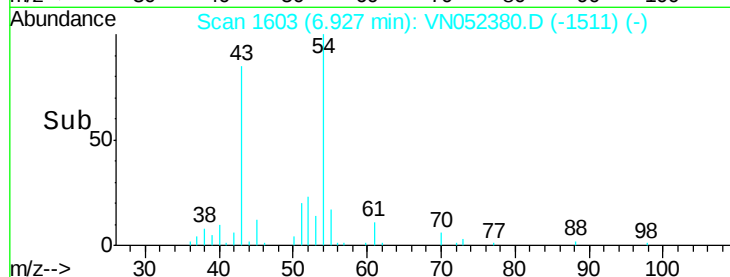
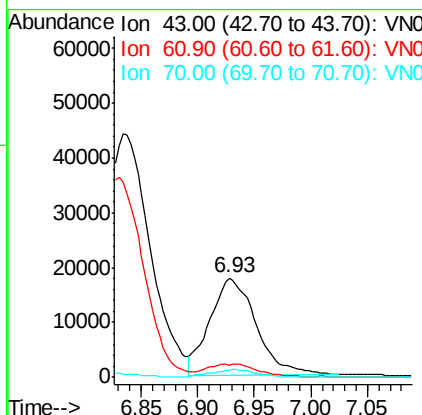
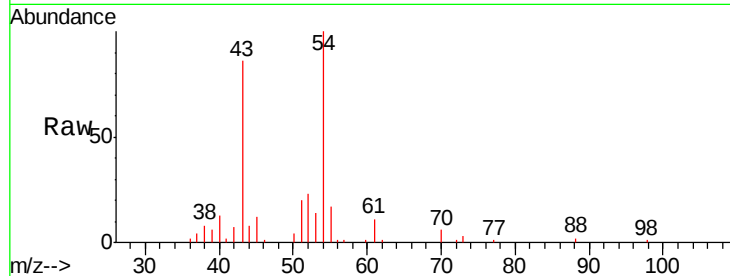
#37
Ethyl Acetate
Concen: 16.13 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion: 43 Resp: 50560
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5#
70 7.8 5.6 8.4

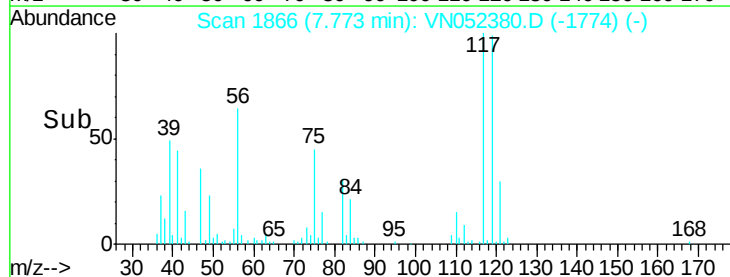
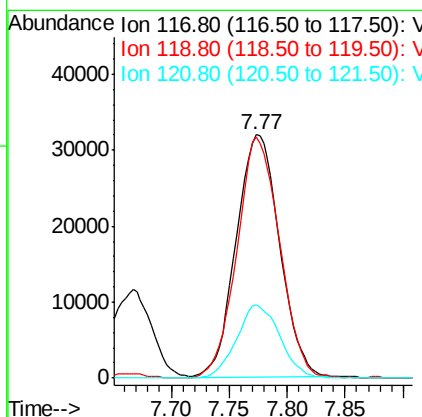
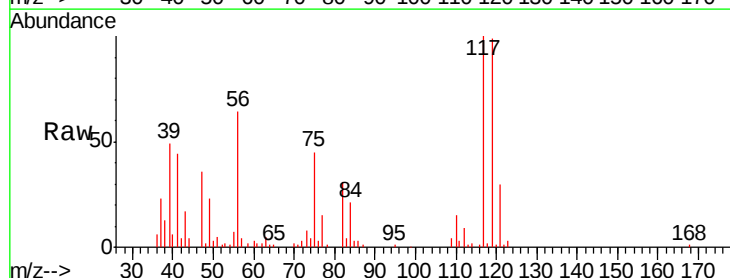
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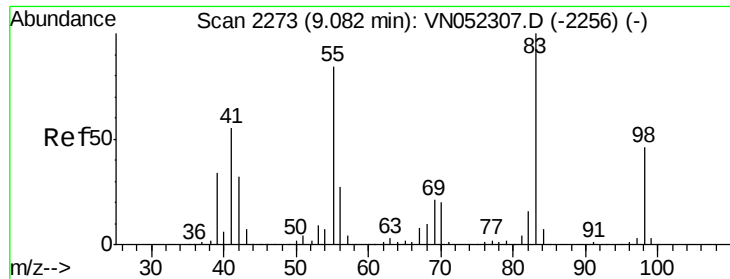
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#38
Carbon Tetrachloride
Concen: 20.99 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Tgt Ion: 117 Resp: 83315
Ion Ratio Lower Upper
117 100
119 99.4 77.4 116.0
121 30.1 24.0 36.0





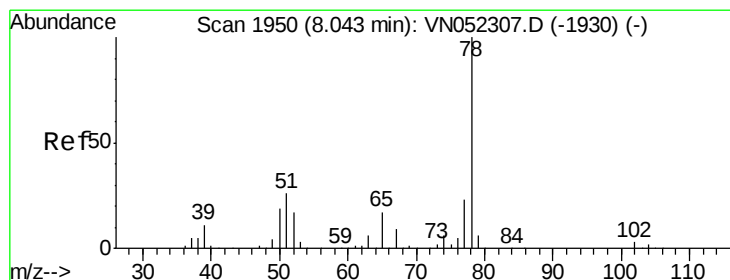
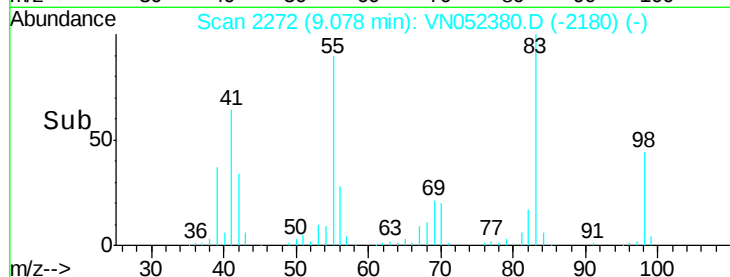
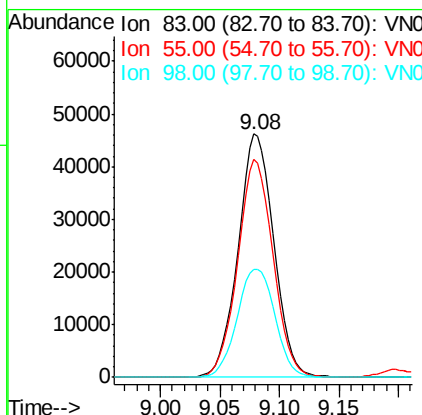
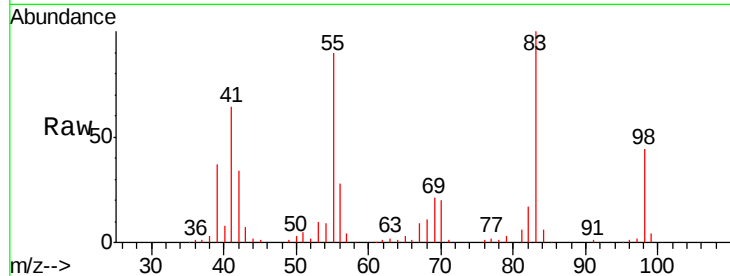
#39
Methylcyclohexane
Concen: 19.49 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	89.7	66.8	100.2
98	44.1	36.4	54.6

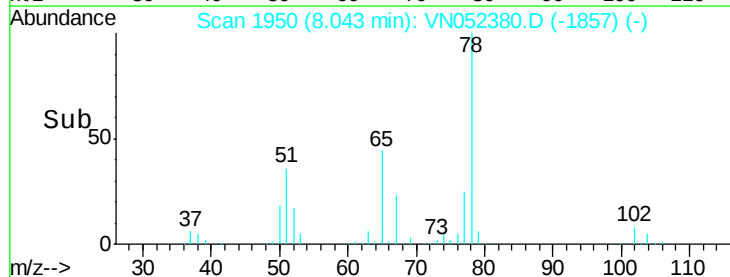
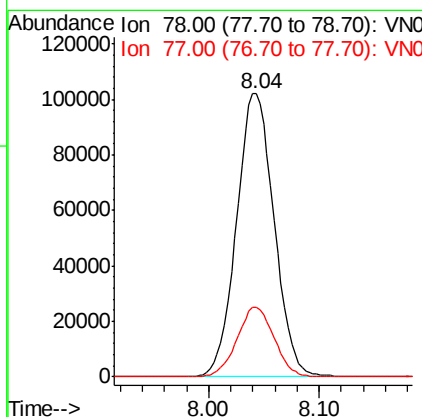
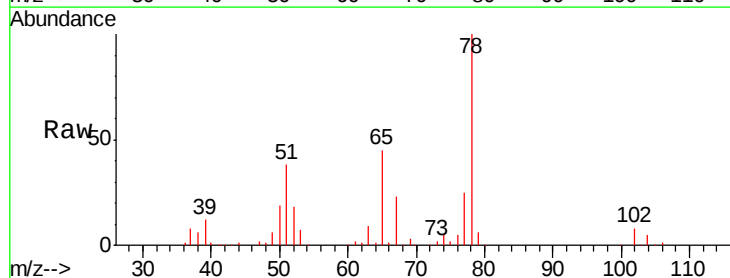
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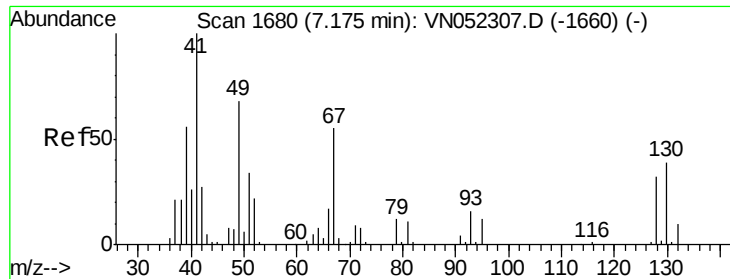
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#40
Benzene
Concen: 19.54 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.7	28.1





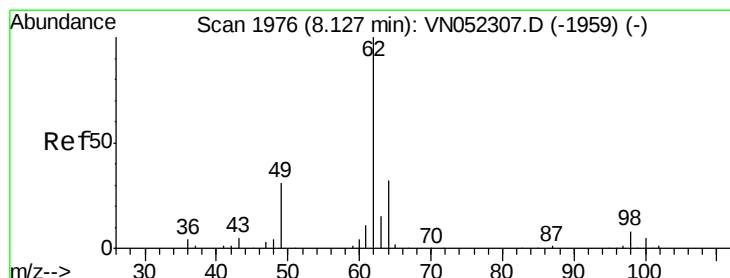
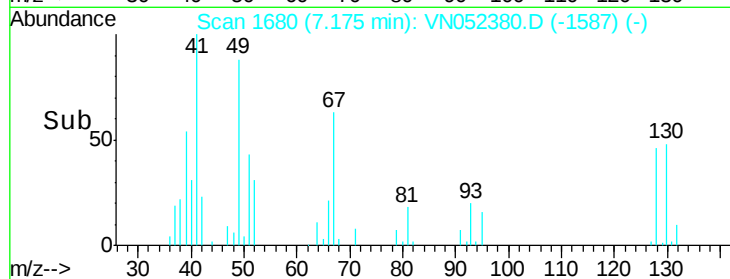
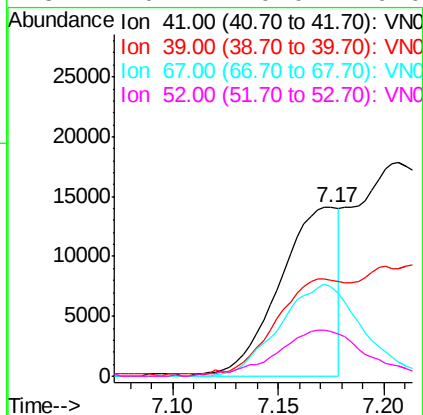
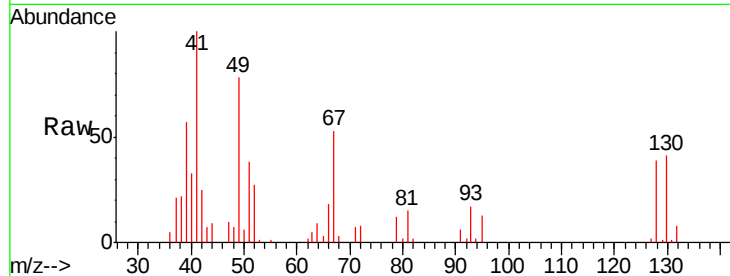
#41
Methacrylonitrile
Concen: 18.24 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.3	0.0	0.0#
67	77.5	0.0	0.0#
52	40.7	0.0	0.0#

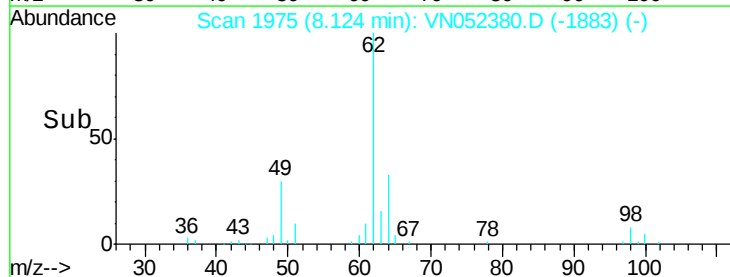
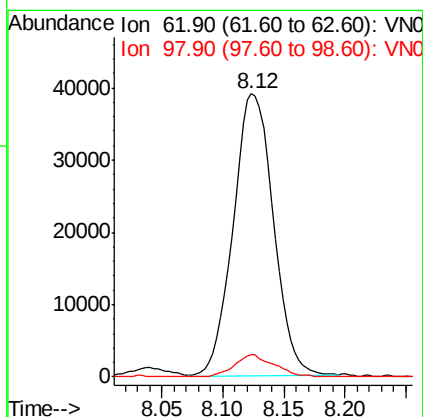
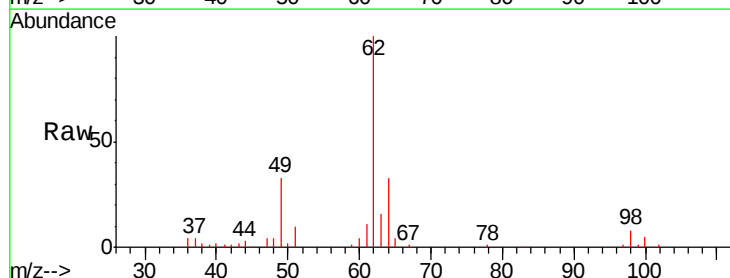
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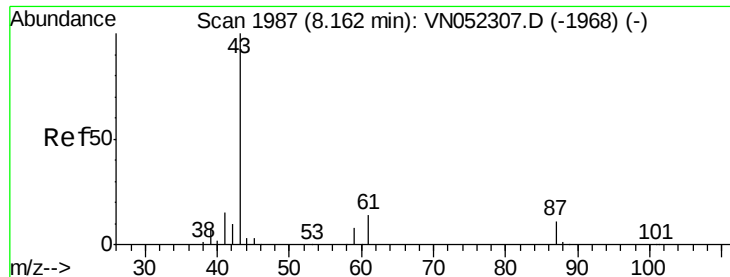
MMDadoda
11/20/2018 11:39:18 AM



#42
1,2-Dichloroethane
Concen: 20.21 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.6





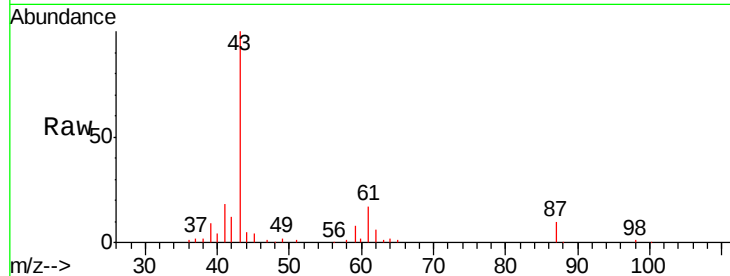
#43
Isopropyl Acetate
Concen: 16.15 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

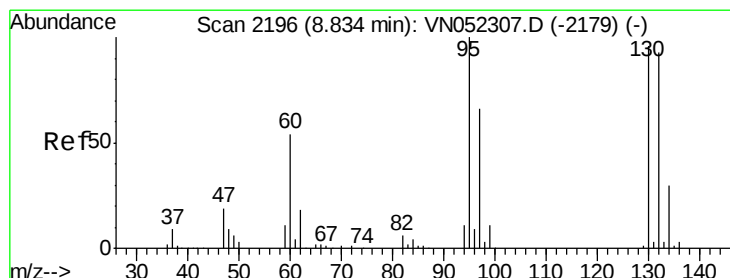
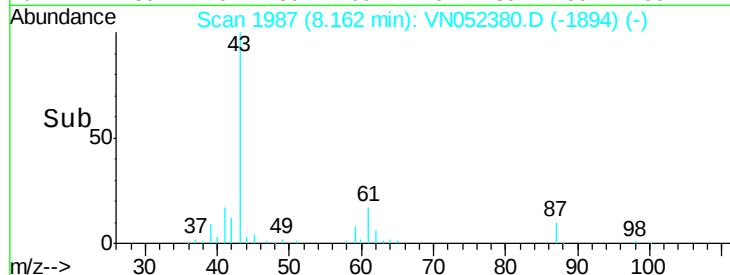
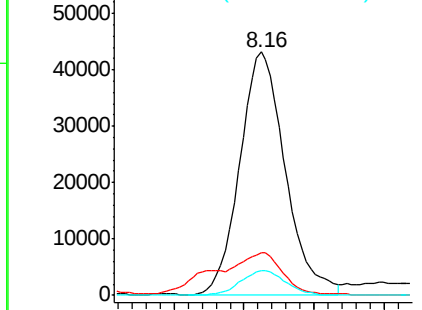
Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.0	18.0
87	9.9	8.3	12.5

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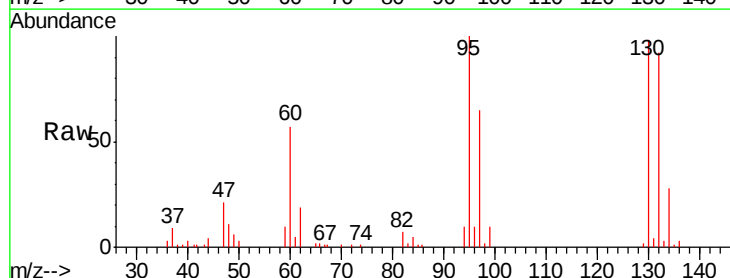


Abundance Ion 43.00 (42.70 to 43.70): VN052380.D (-1894) (-)
Ion 61.00 (60.70 to 61.70): VN052380.D (-1894) (-)
Ion 87.00 (86.70 to 87.70): VN052380.D (-1894) (-)

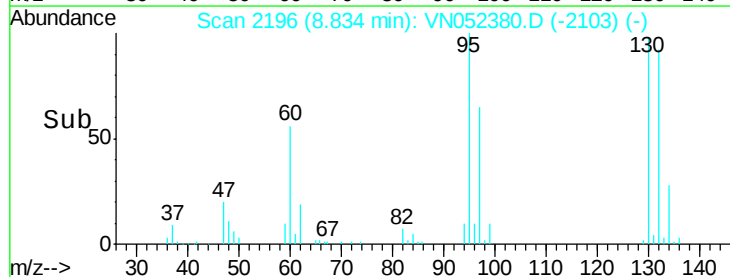
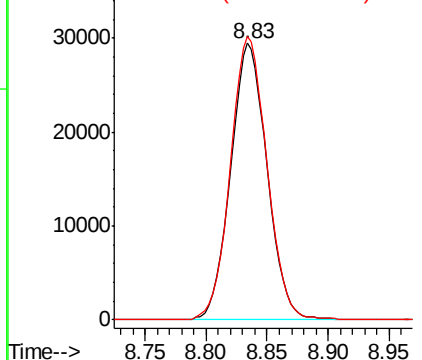


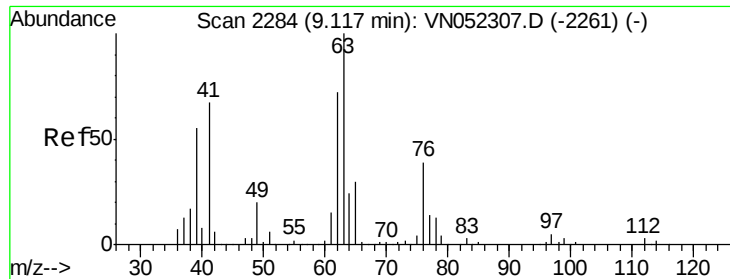
#44
Trichloroethene
Concen: 20.02 ug/l
RT: 8.83 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.4	0.0	208.4



Abundance Ion 129.80 (129.50 to 130.50): VN052380.D (-2103) (-)
Ion 94.90 (94.60 to 95.60): VN052380.D (-2103) (-)





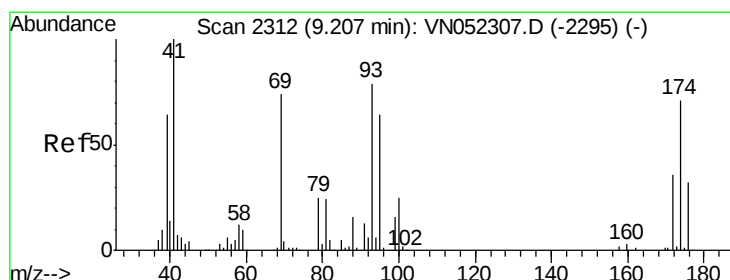
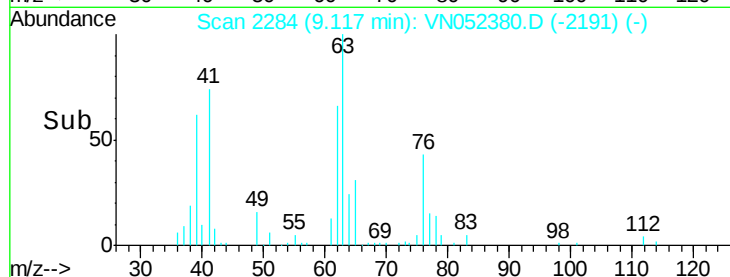
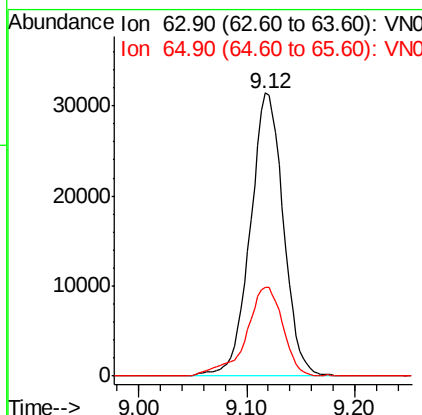
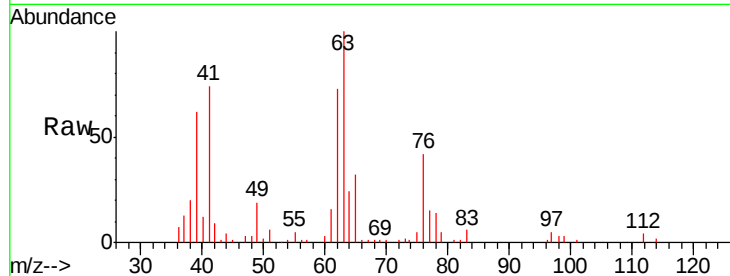
#45
 1,2-Dichloropropane
 Concen: 19.15 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN052380.D
 Acq: 19 Nov 2018 13:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Tgt Ion: 63 Resp: 67057
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.2 36.4

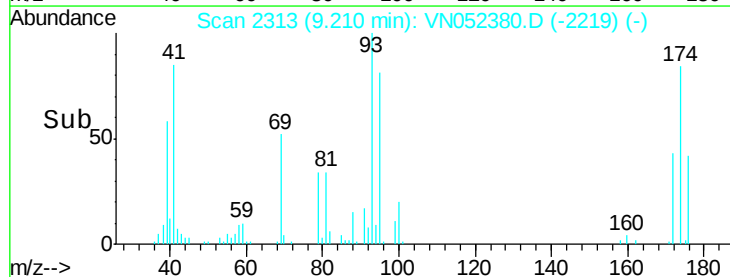
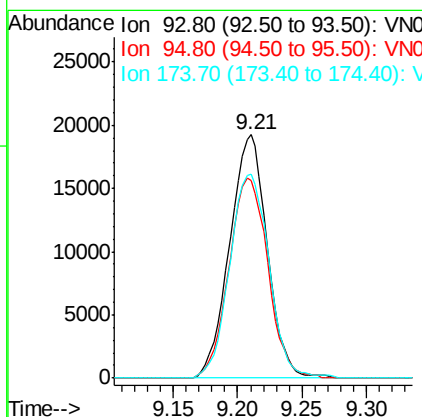
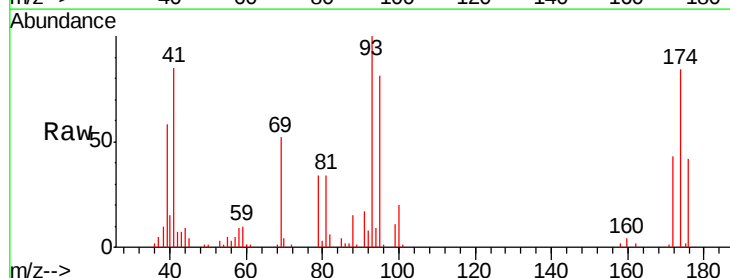
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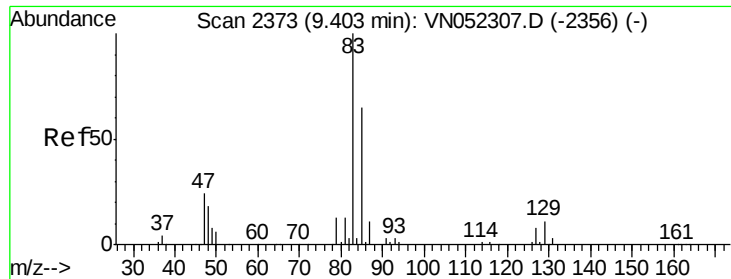
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#46
 Dibromomethane
 Concen: 19.22 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN052380.D
 Acq: 19 Nov 2018 13:03

Tgt Ion: 93 Resp: 38968
 Ion Ratio Lower Upper
 93 100
 95 85.2 64.2 96.2
 174 87.4 70.9 106.3





#47

Bromodichloromethane

Concen: 20.84 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

Instrument :

MSVOA_N

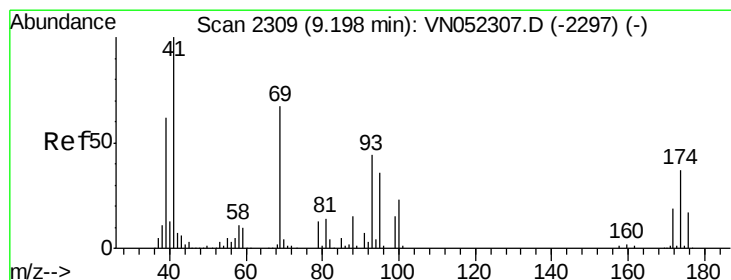
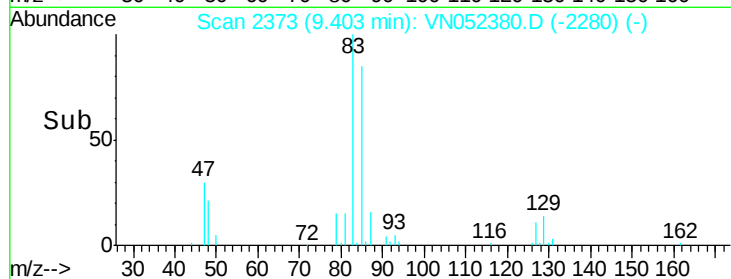
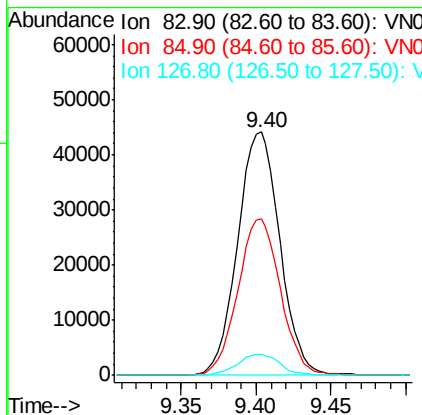
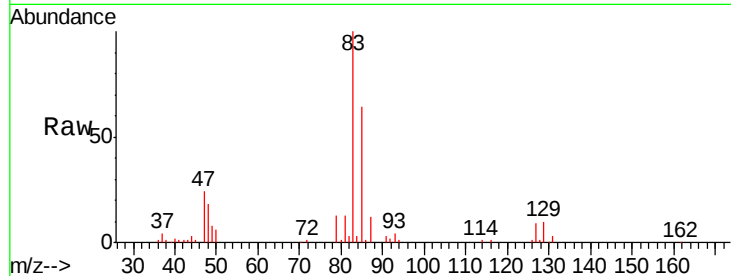
ClientSampleId :

VN1119WBSD01

Tgt Ion:	83	Resp:	86694
Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.2	78.4
127	8.5	6.7	10.1

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#48

Methyl methacrylate

Concen: 16.29 ug/l

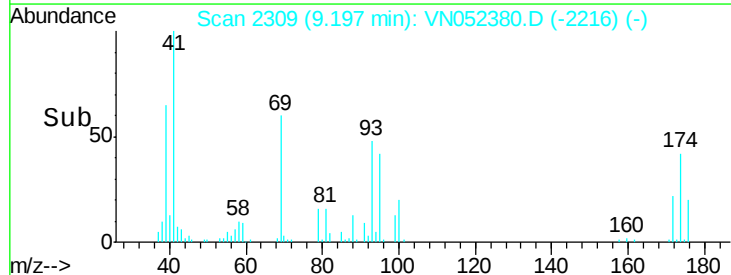
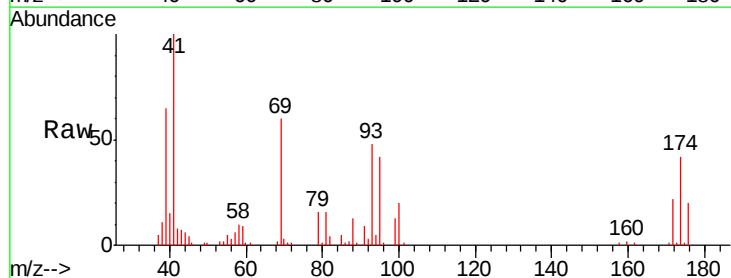
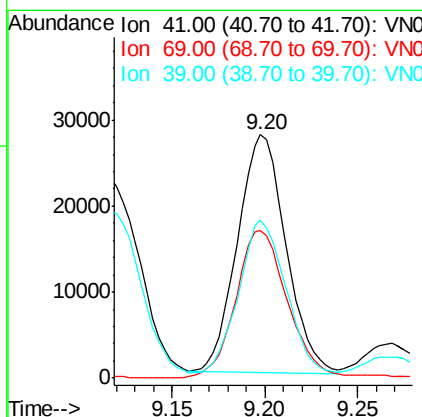
RT: 9.20 min Scan# 2309

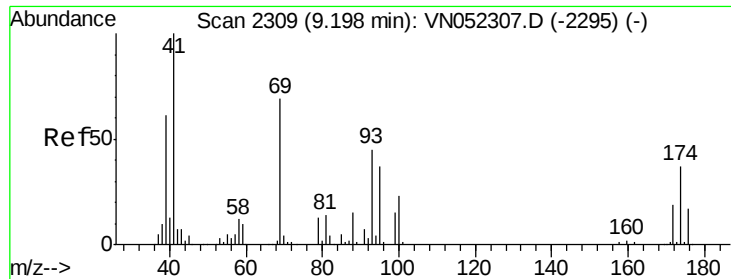
Delta R.T. -0.00 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

Tgt Ion:	41	Resp:	50021
Ion	Ratio	Lower	Upper
41	100		
69	67.3	57.1	85.7
39	63.0	52.5	78.7





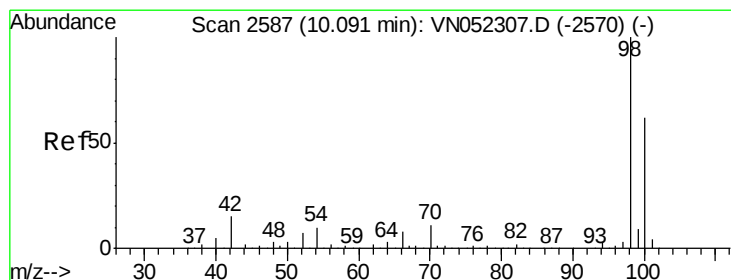
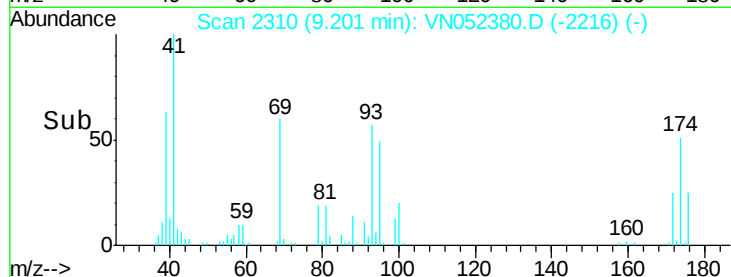
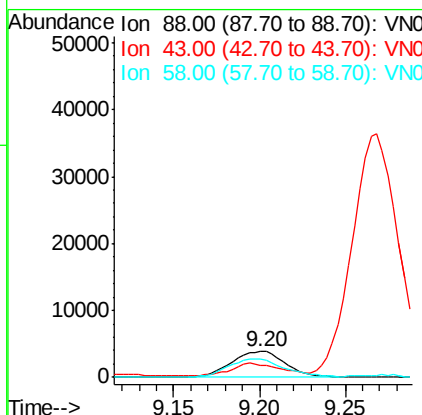
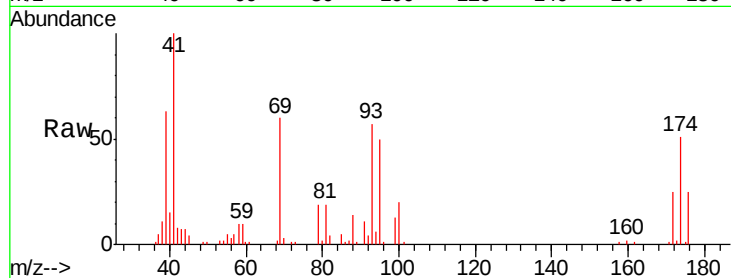
#49
1,4-Dioxane
Concen: 357.01 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion: 88 Resp: 8413
Ion Ratio Lower Upper
88 100
43 41.4 33.3 49.9
58 74.4 59.2 88.8

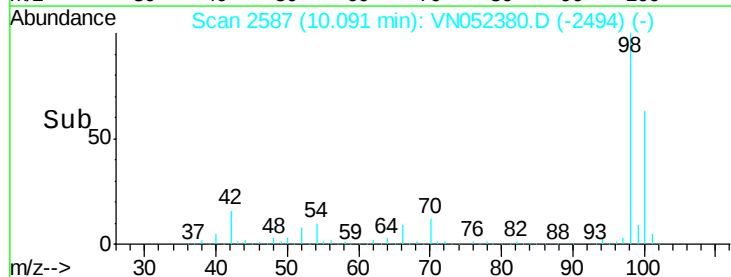
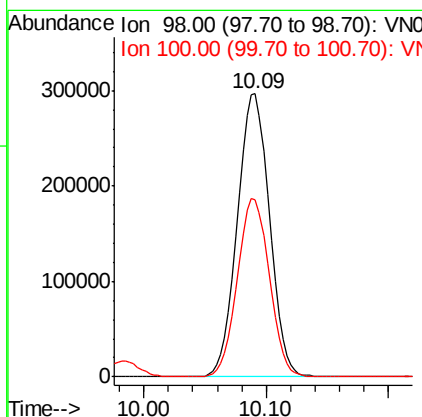
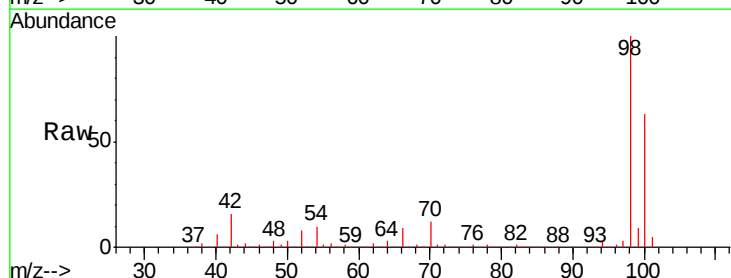
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#50
Toluene-d8
Concen: 357.01 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Tgt Ion: 98 Resp: 540550
Ion Ratio Lower Upper
98 100
100 62.9 49.5 74.3





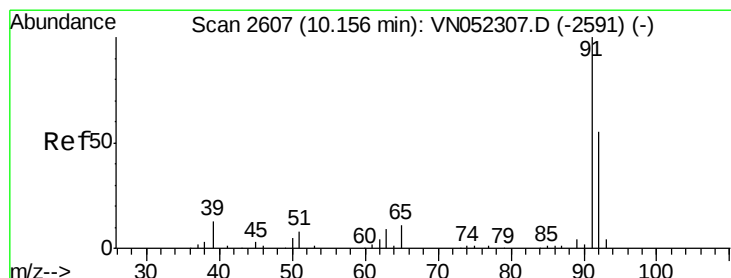
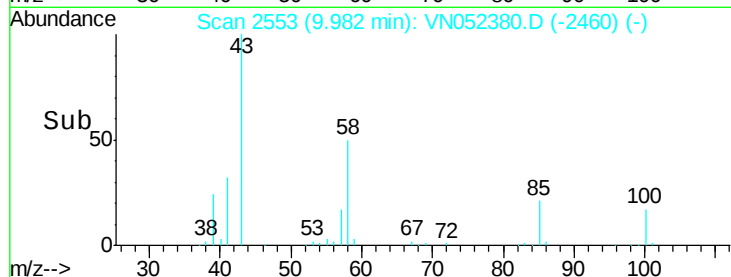
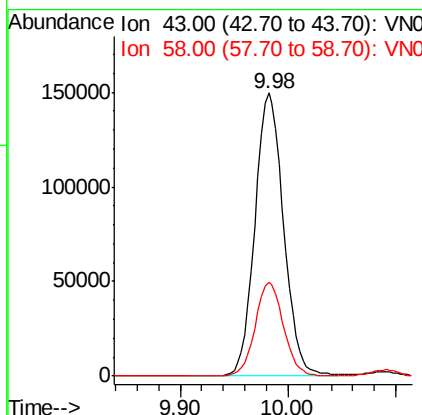
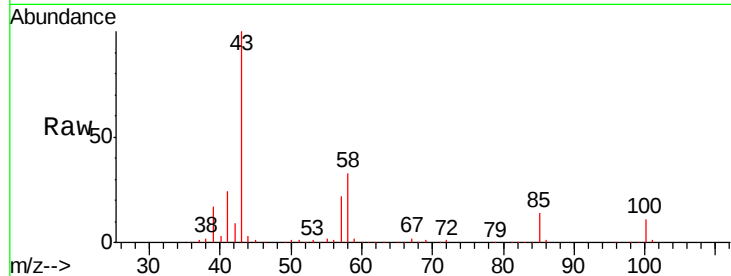
#51
4-Methyl-2-Pentanone
Concen: 90.23 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion: 43 Resp: 274786
Ion Ratio Lower Upper
43 100
58 32.9 27.0 40.6

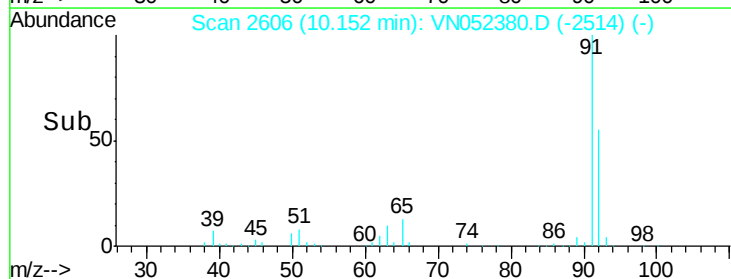
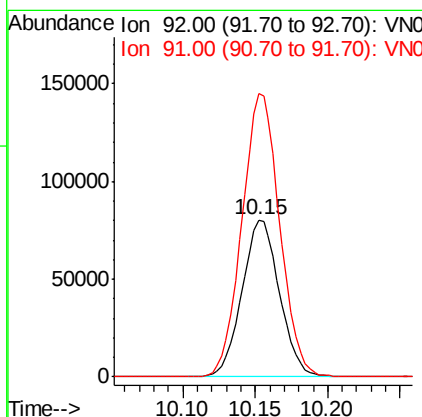
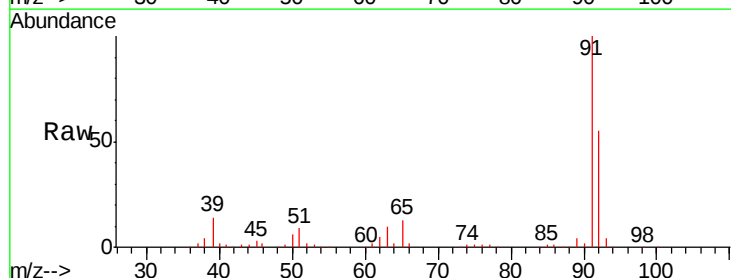
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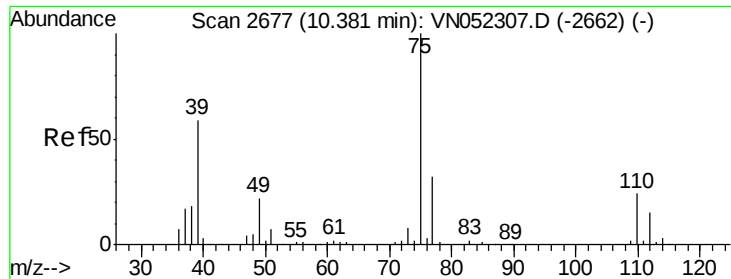
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#52
Toluene
Concen: 19.52 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Tgt Ion: 92 Resp: 144114
Ion Ratio Lower Upper
92 100
91 181.9 143.6 215.4





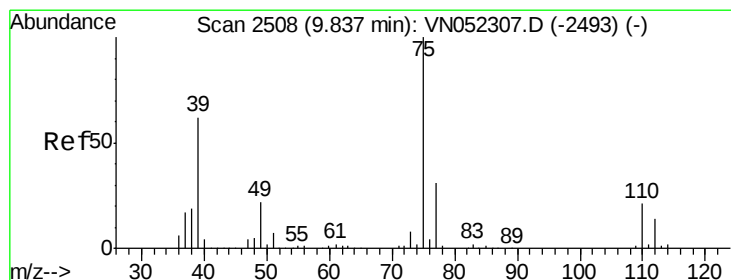
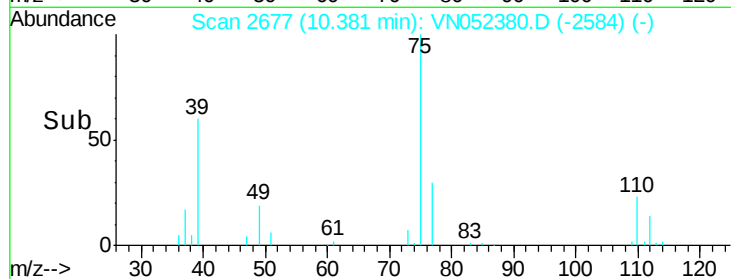
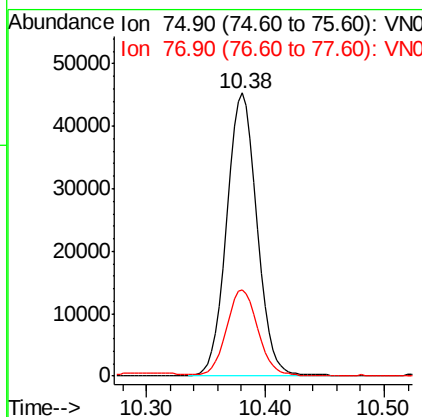
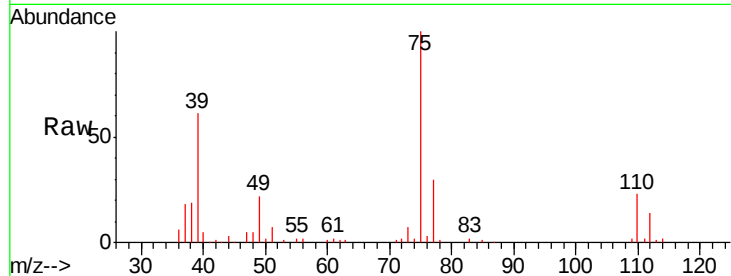
#53
t-1,3-Dichloropropene
Concen: 19.09 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion: 75 Resp: 80120
Ion Ratio Lower Upper
75 100
77 30.4 25.7 38.5

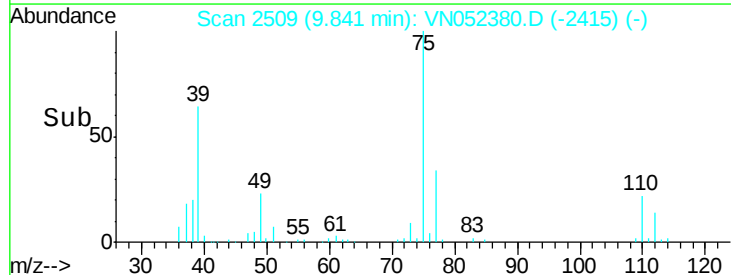
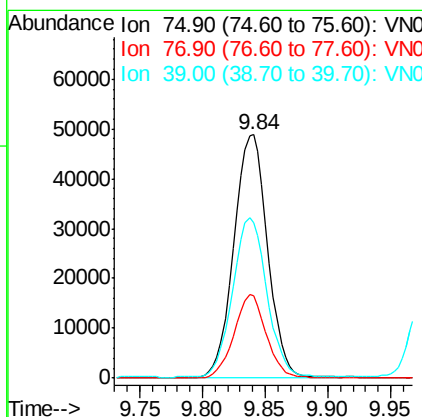
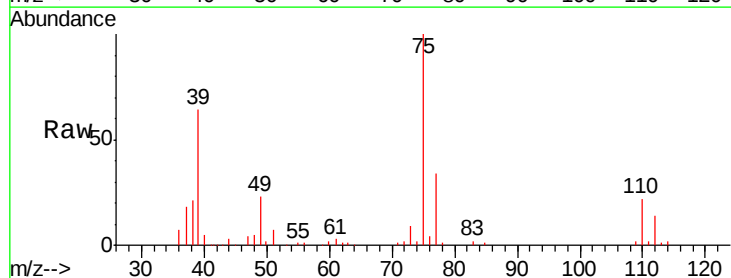
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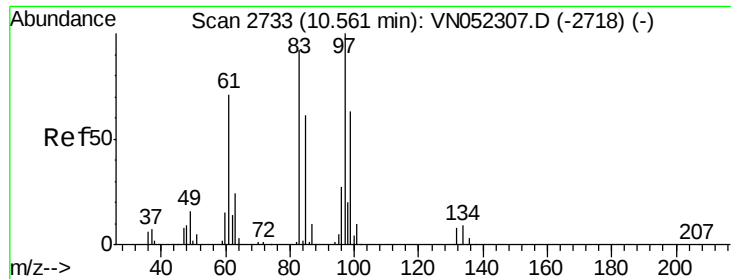
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#54
cis-1,3-Dichloropropene
Concen: 19.14 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Tgt Ion: 75 Resp: 91551
Ion Ratio Lower Upper
75 100
77 33.7 24.6 36.8
39 63.6 49.9 74.9





#55

1,1,2-Trichloroethane

Concen: 18.99 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

Instrument :

MSVOA_N

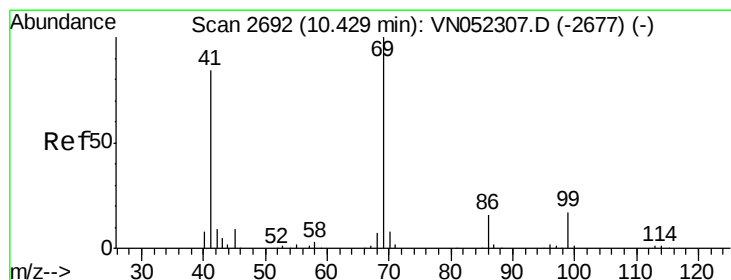
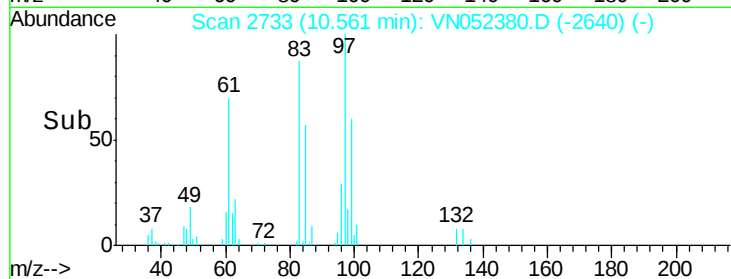
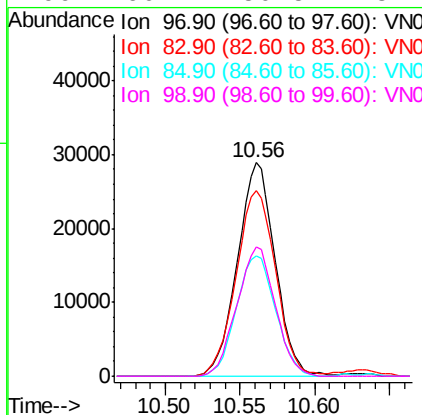
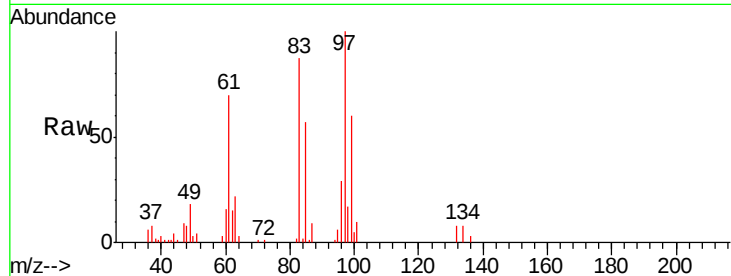
ClientSampleId :

VN1119WBSD01

Tgt Ion:	97	Resp:	50817
Ion	Ratio	Lower	Upper
97	100		
83	87.1	73.8	110.6
85	56.6	49.0	73.4
99	60.4	50.5	75.7

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#56

Ethyl methacrylate

Concen: 15.81 ug/l

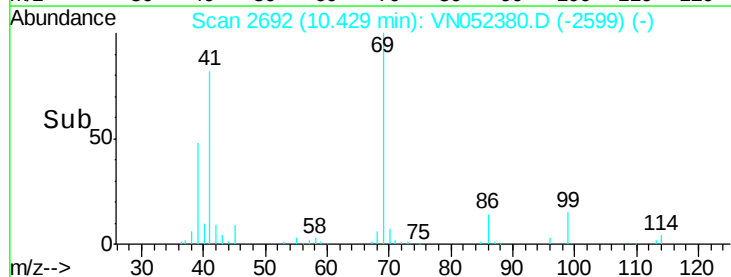
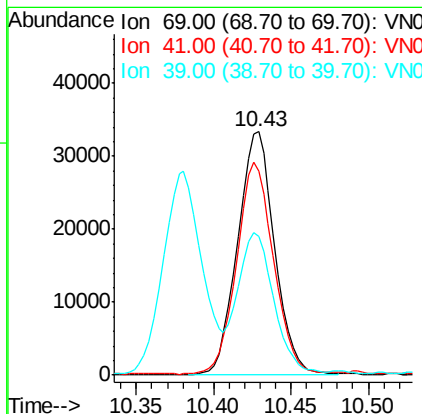
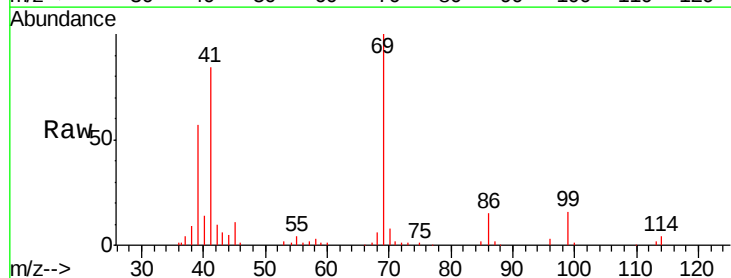
RT: 10.43 min Scan# 2692

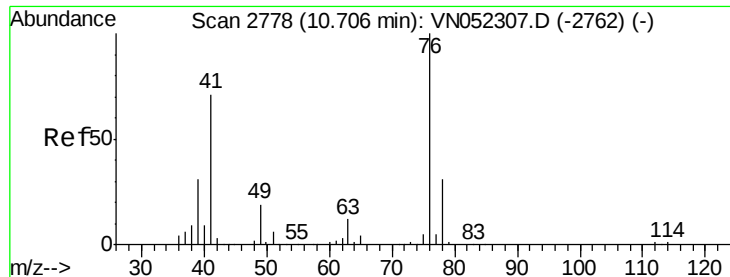
Delta R.T. -0.00 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

Tgt Ion:	69	Resp:	55637
Ion	Ratio	Lower	Upper
69	100		
41	87.8	64.8	97.2
39	55.0	41.0	61.6





#57

1,3-Dichloropropane

Concen: 19.16 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

Tgt Ion: 76 Resp: 90847

Ion Ratio Lower Upper

76 100

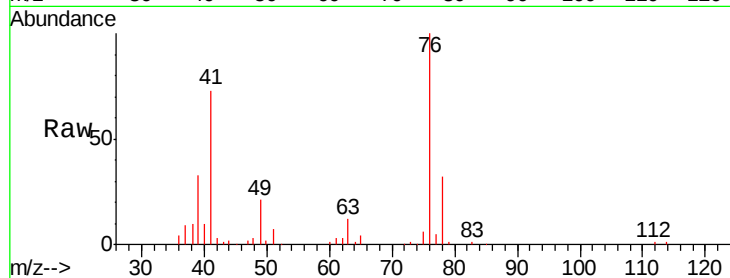
78 32.5 25.7 38.5

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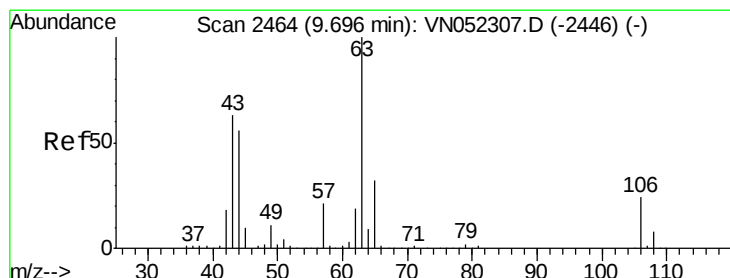
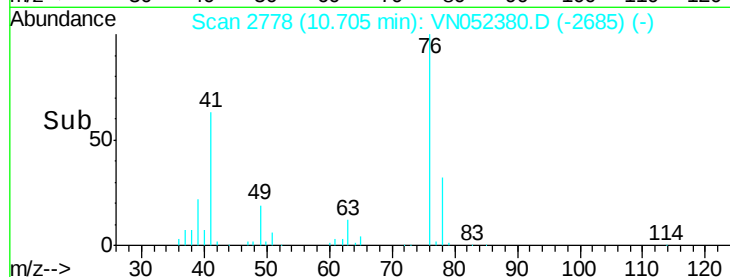
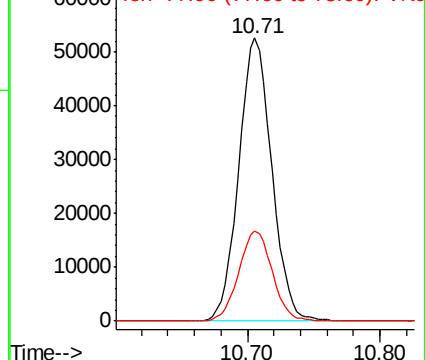
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 91.31 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN052380.D

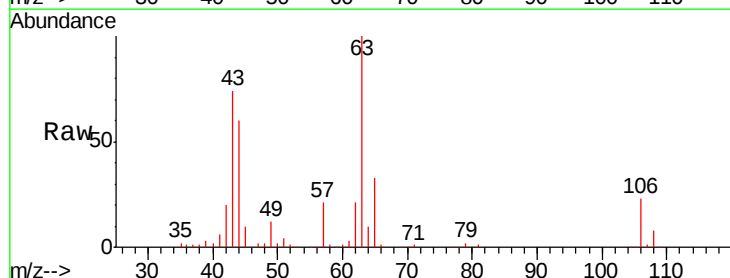
Acq: 19 Nov 2018 13:03

Tgt Ion: 63 Resp: 182969

Ion Ratio Lower Upper

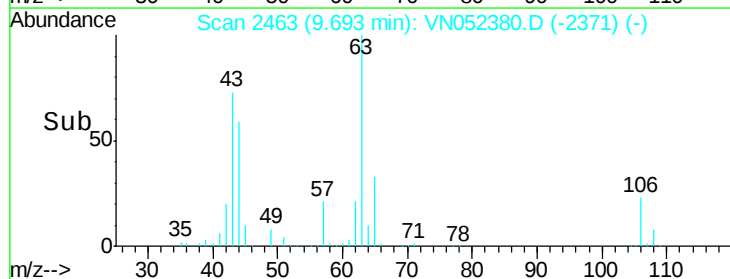
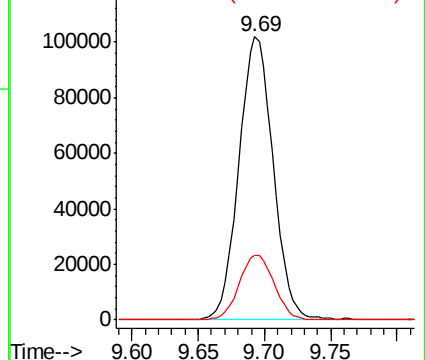
63 100

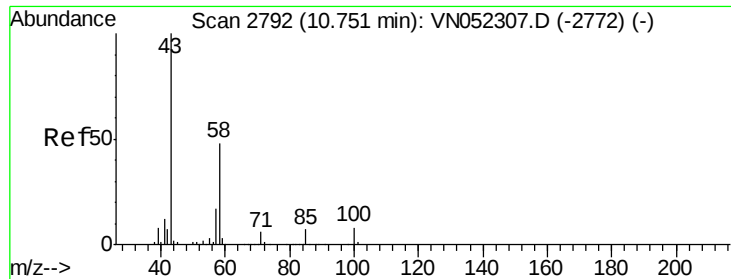
106 23.3 19.3 28.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





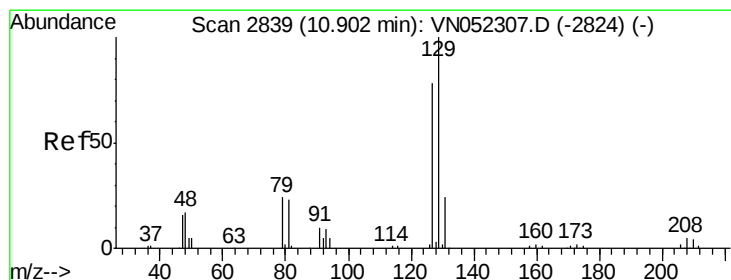
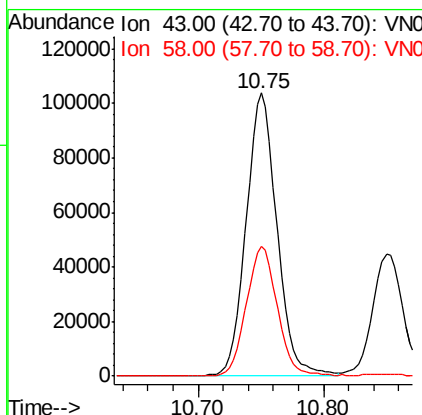
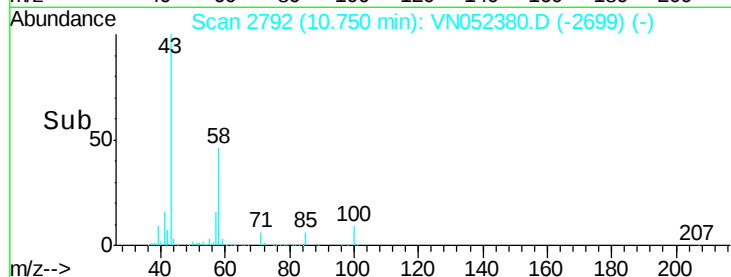
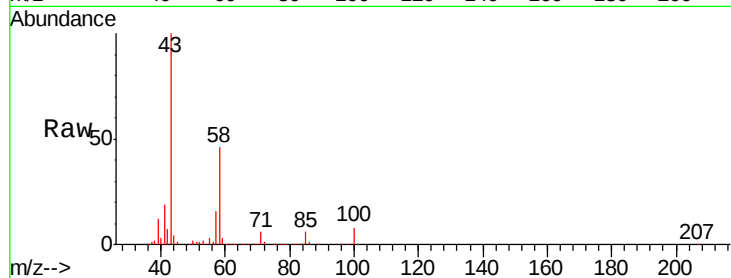
#59
2-Hexanone
Concen: 84.20 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion: 43 Resp: 176366
Ion Ratio Lower Upper
43 100
58 46.3 23.5 70.6

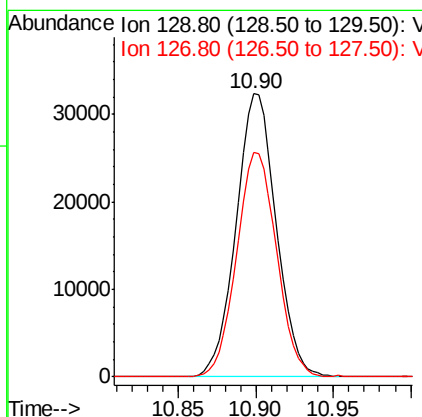
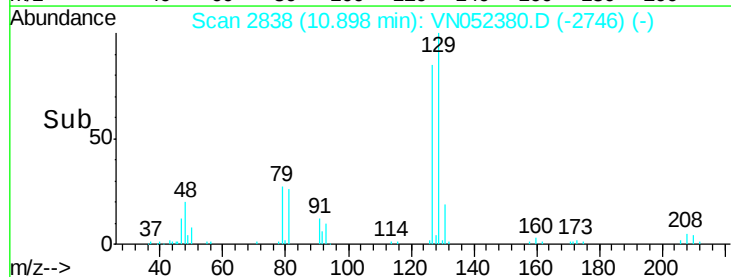
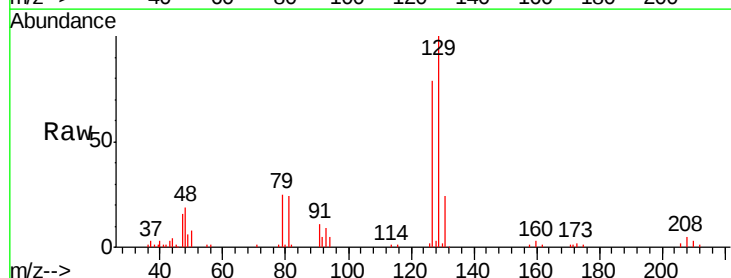
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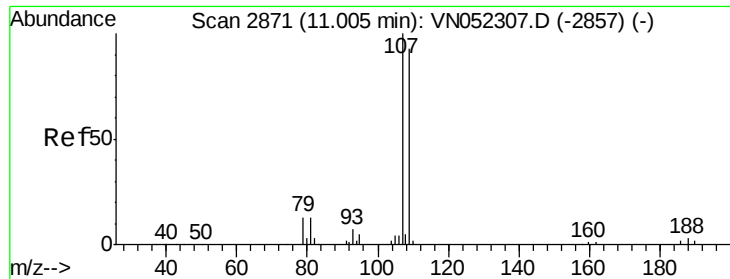
MMDadoda
11/20/2018 11:39:18 AM



#60
Dibromochloromethane
Concen: 20.14 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Tgt Ion: 129 Resp: 58324
Ion Ratio Lower Upper
129 100
127 78.9 38.5 115.5





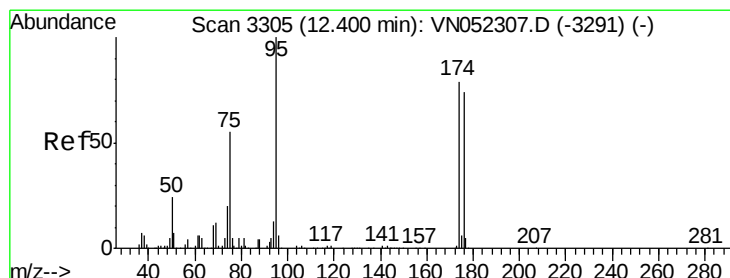
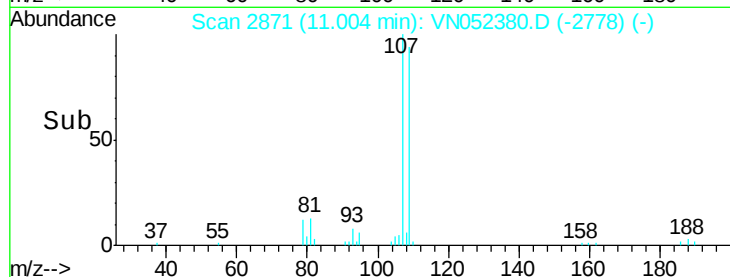
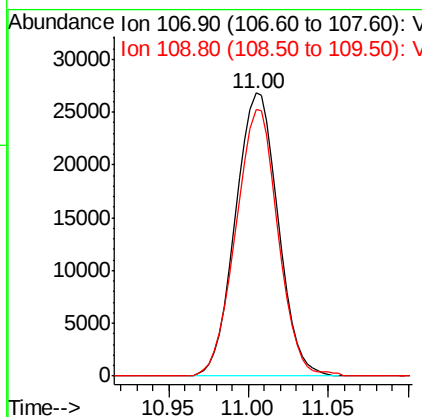
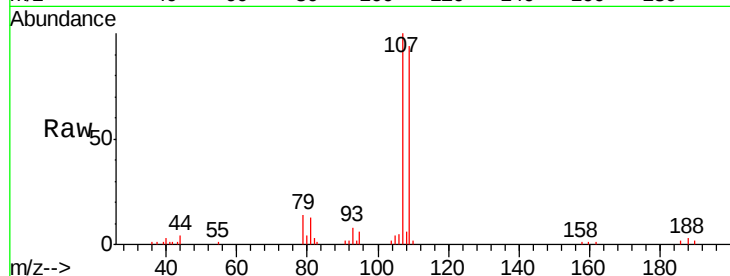
#61
 1,2-Dibromoethane
 Concen: 18.30 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN052380.D
 Acq: 19 Nov 2018 13:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Tgt Ion: 107 Resp: 48784
 Ion Ratio Lower Upper
 107 100
 109 93.1 74.9 112.3

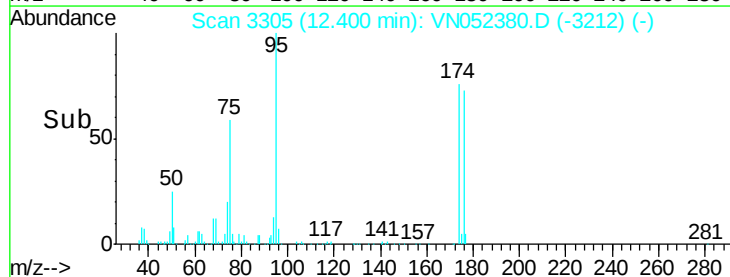
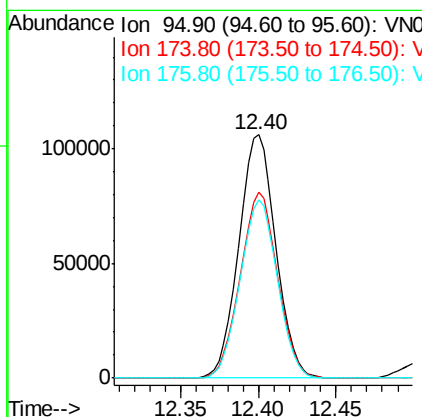
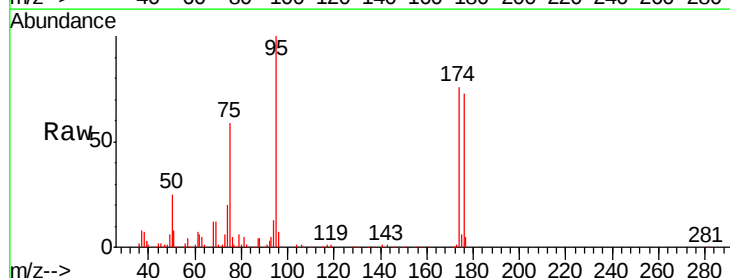
Manual Integrations
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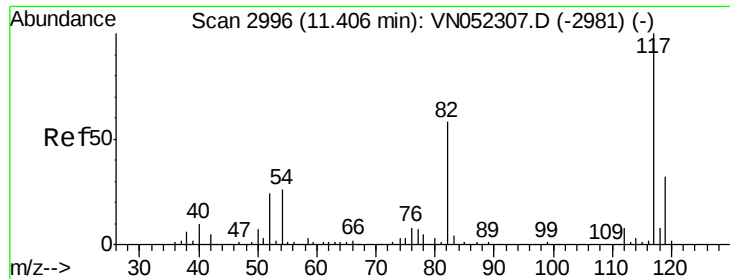
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 18.30 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN052380.D
 Acq: 19 Nov 2018 13:03

Tgt Ion: 95 Resp: 176810
 Ion Ratio Lower Upper
 95 100
 174 77.0 0.0 156.0
 176 73.7 0.0 148.4





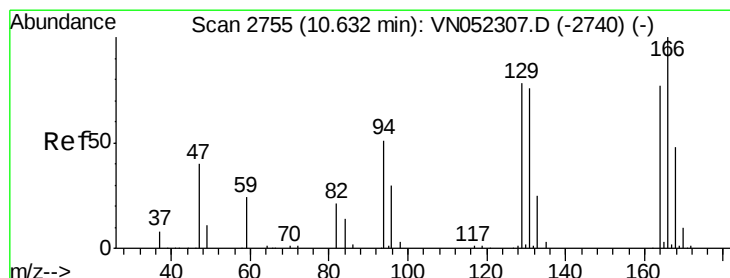
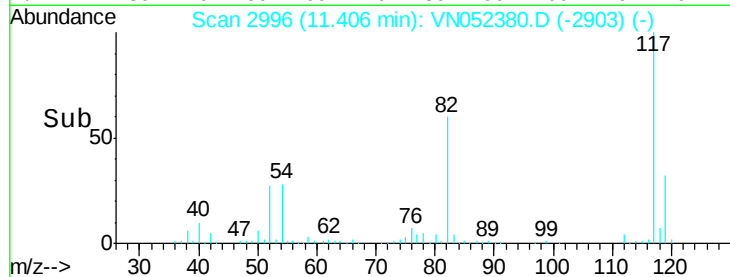
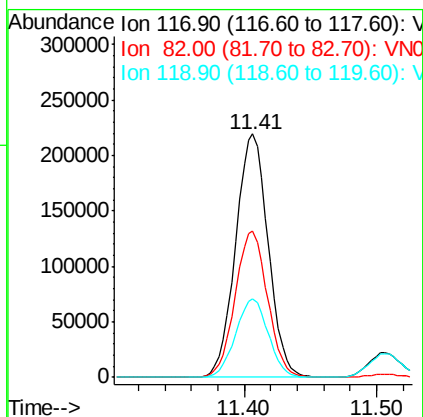
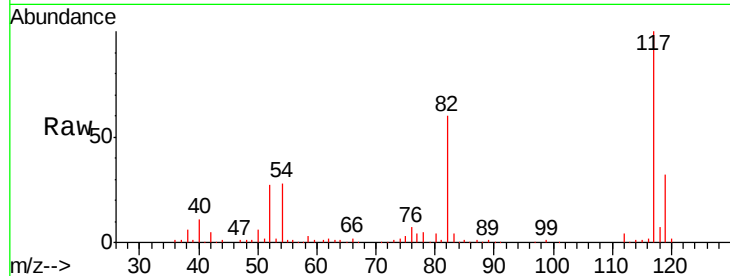
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.9	46.5	69.7
119	32.3	25.7	38.5

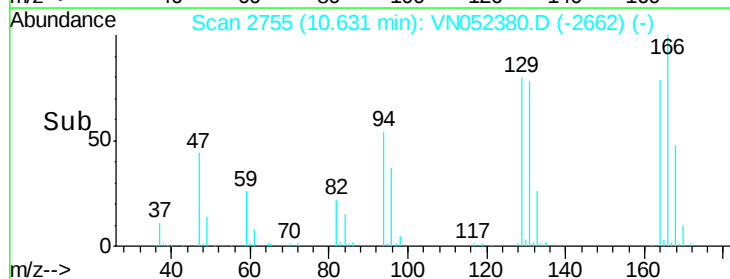
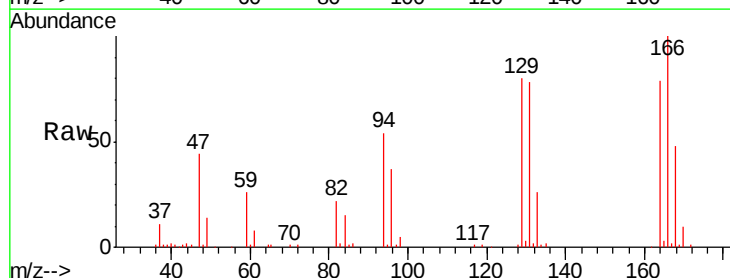
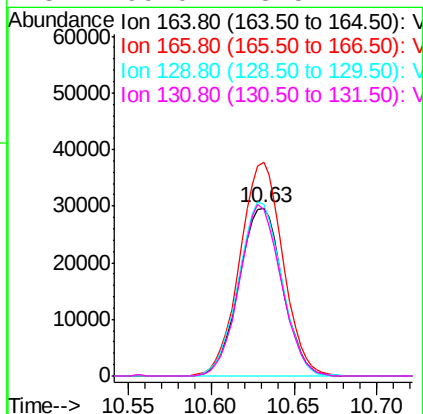
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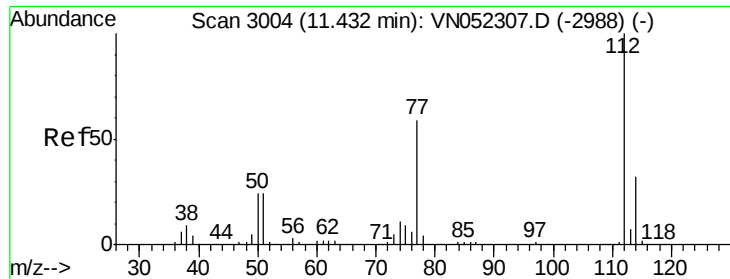
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11/20/2018 11:39:18 AM



#64
Tetrachloroethene
Concen: 20.44 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	103.8	155.6
129	102.2	80.7	121.1
131	99.0	78.5	117.7





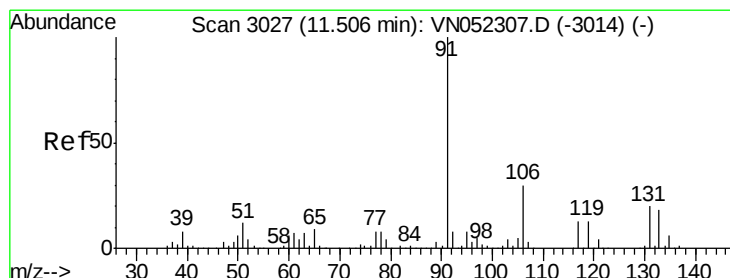
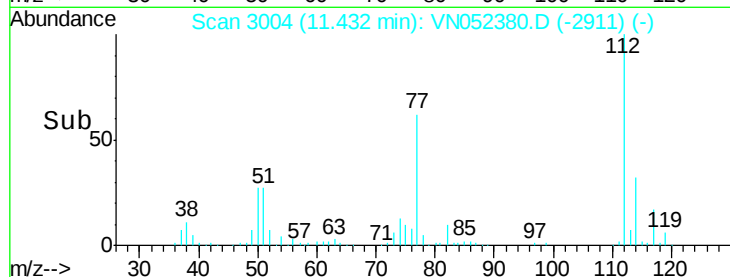
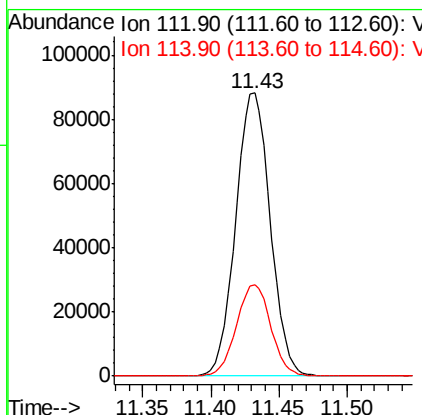
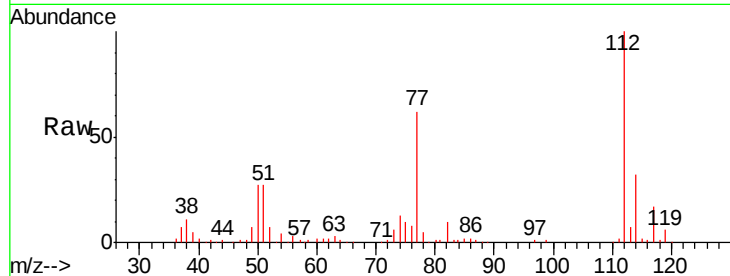
#65
Chlorobenzene
Concen: 19.67 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion:112 Resp: 155165
Ion Ratio Lower Upper
112 100
114 32.3 25.9 38.9

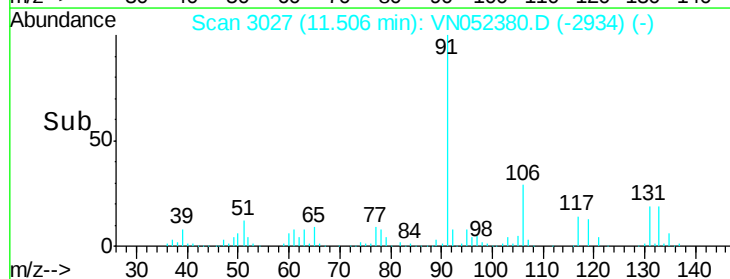
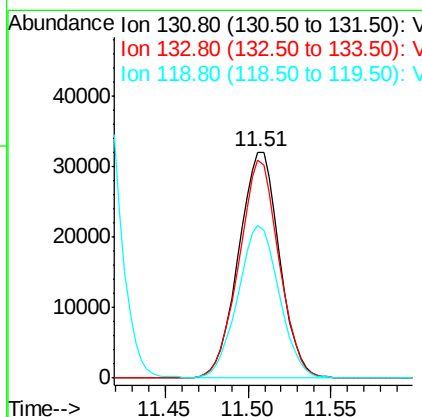
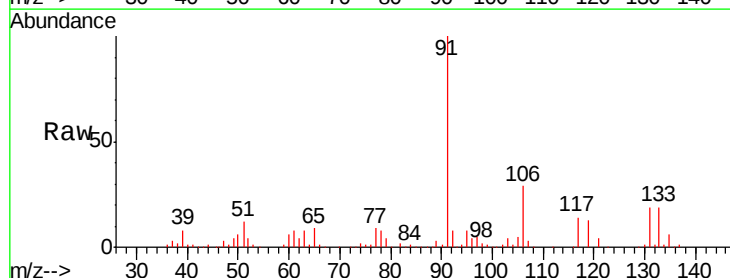
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.37 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Tgt Ion:131 Resp: 54804
Ion Ratio Lower Upper
131 100
133 94.6 47.4 142.3
119 68.5 33.3 99.9





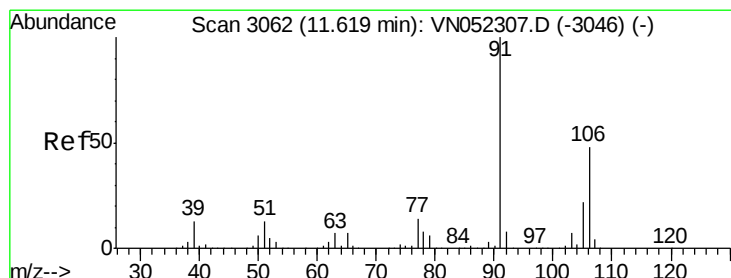
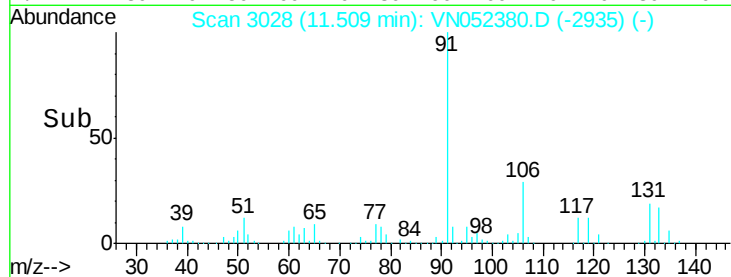
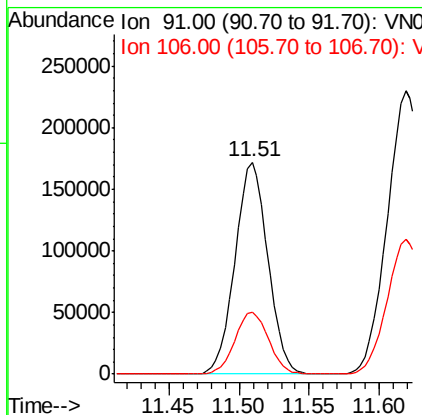
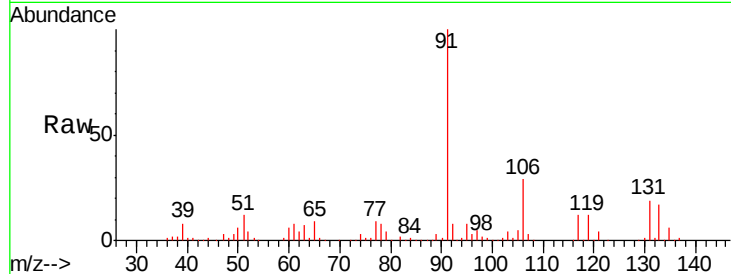
#67
Ethyl Benzene
Concen: 20.48 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion: 91 Resp: 280518
Ion Ratio Lower Upper
91 100
106 29.0 24.2 36.2

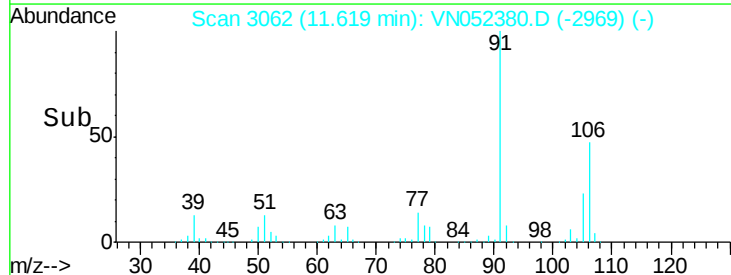
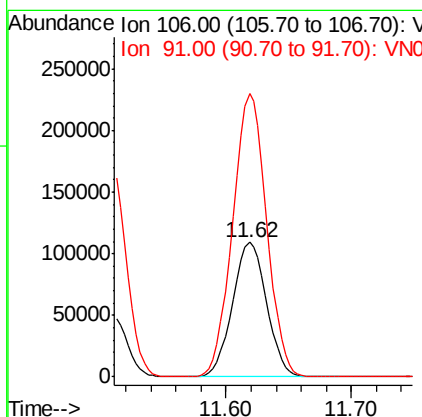
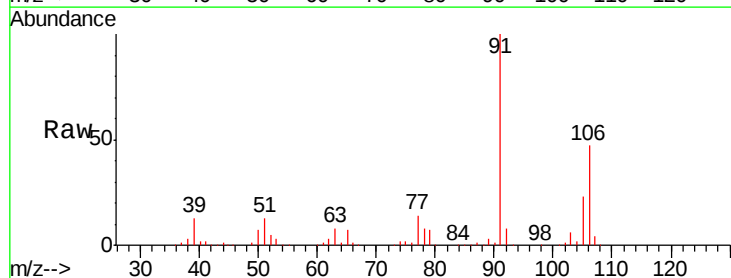
Manual Integrations
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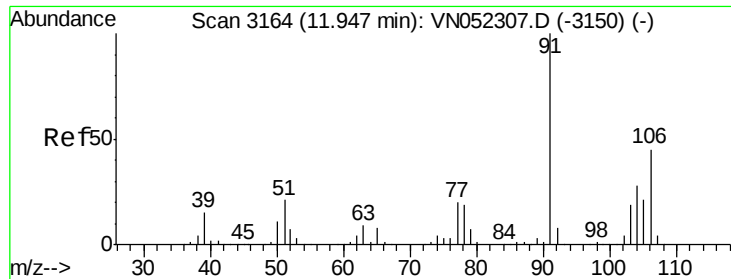
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#68
m/p-Xylenes
Concen: 41.14 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Tgt Ion: 106 Resp: 205852
Ion Ratio Lower Upper
106 100
91 209.0 165.5 248.3





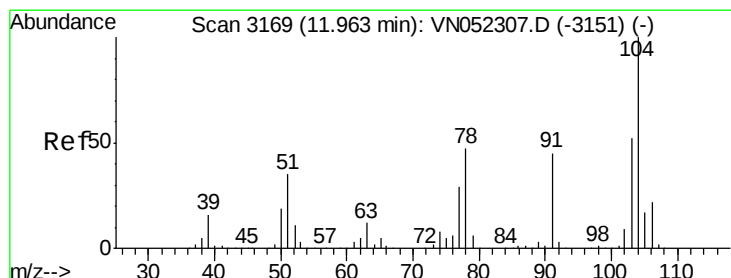
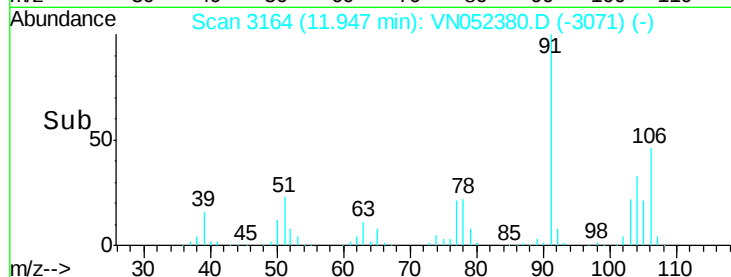
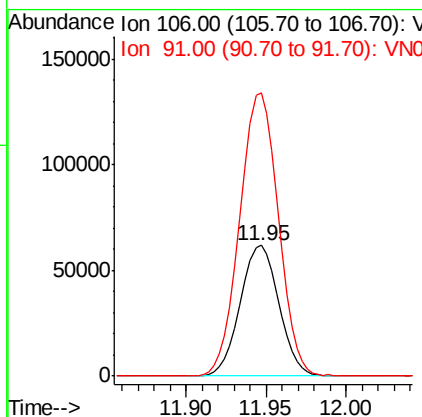
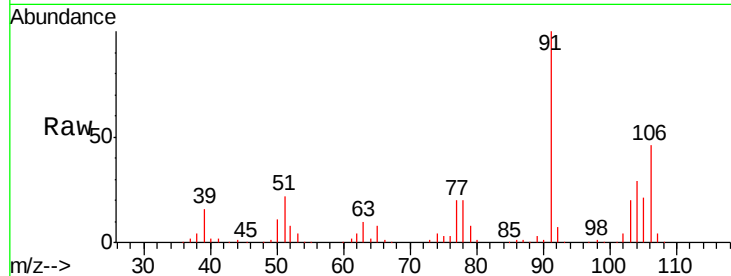
#69
o-Xylene
Concen: 21.29 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion:106 Resp: 102106
Ion Ratio Lower Upper
106 100
91 216.4 110.0 330.0

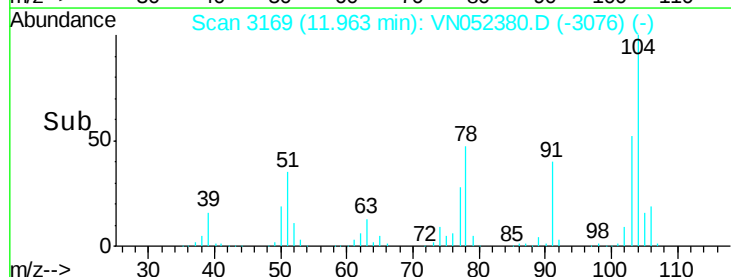
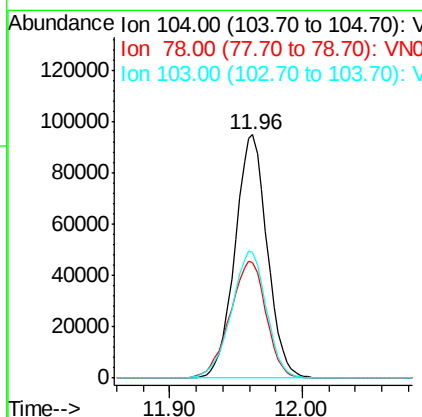
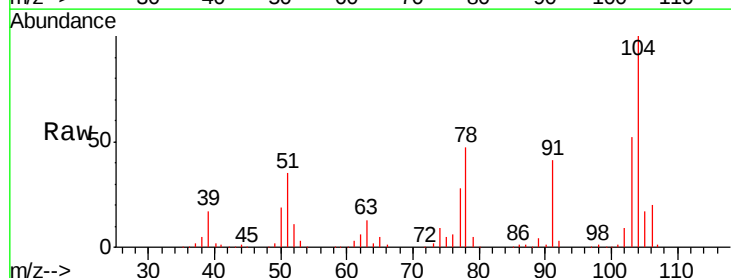
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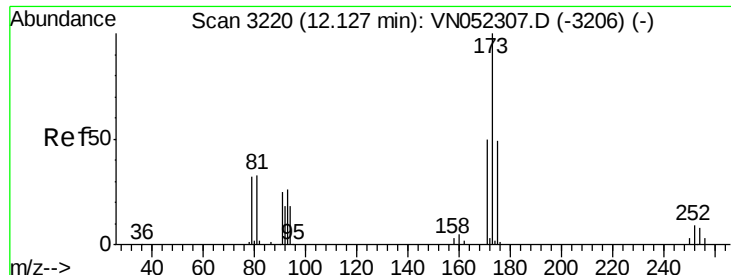
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#70
Styrene
Concen: 20.81 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Tgt Ion:104 Resp: 159851
Ion Ratio Lower Upper
104 100
78 54.1 42.7 64.1
103 56.6 45.4 68.0





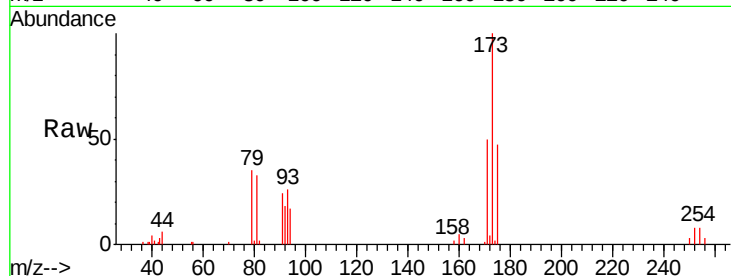
#71
Bromoform
Concen: 21.44 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

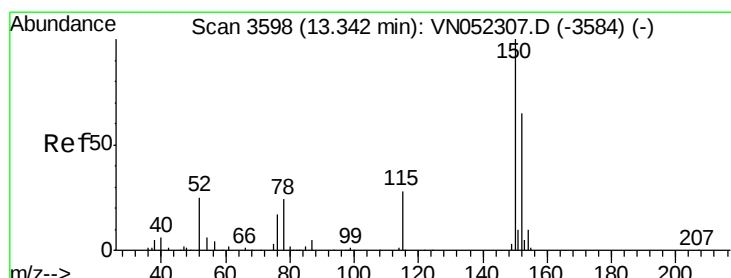
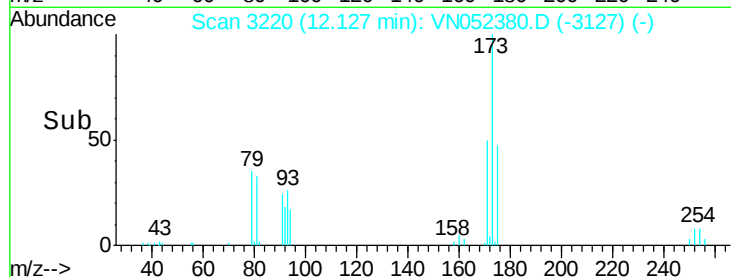
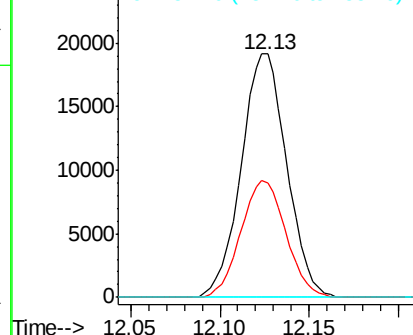
Tgt Ion:173 Resp: 34064
Ion Ratio Lower Upper
173 100
175 47.5 25.0 75.0
254 0.0 0.0 0.0

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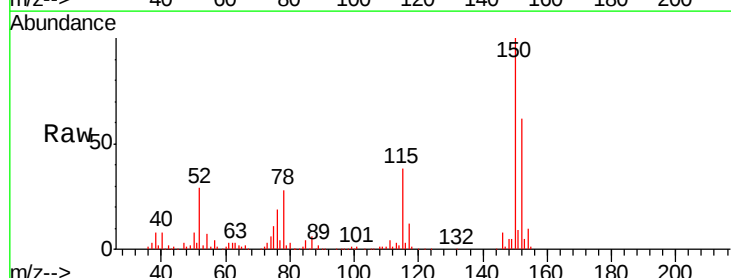


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

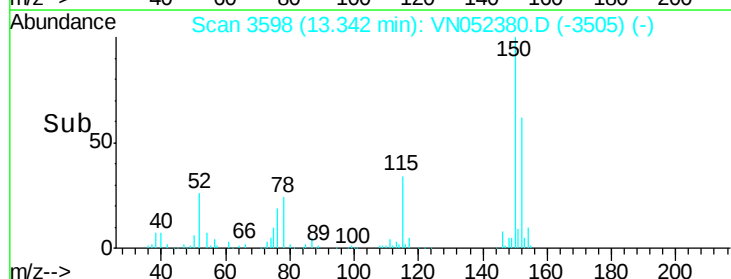
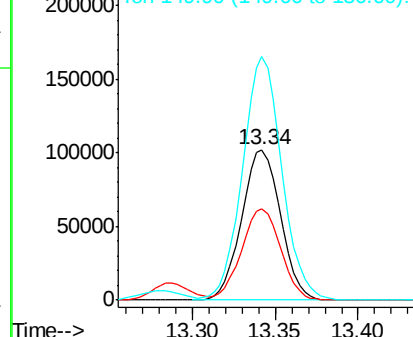


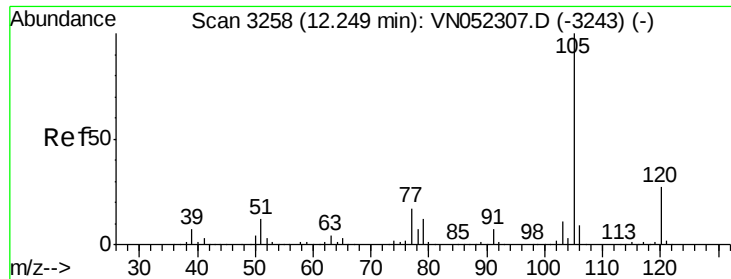
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Tgt Ion:152 Resp: 166557
Ion Ratio Lower Upper
152 100
115 61.2 30.3 91.0
150 163.5 0.0 348.2



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





#73

Isopropylbenzene

Concen: 20.39 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

Tgt Ion: 105 Resp: 272987

Ion Ratio Lower Upper

105 100

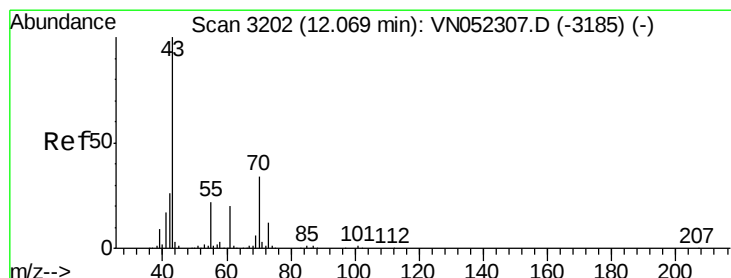
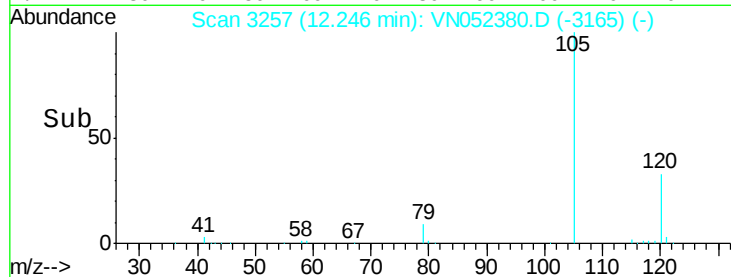
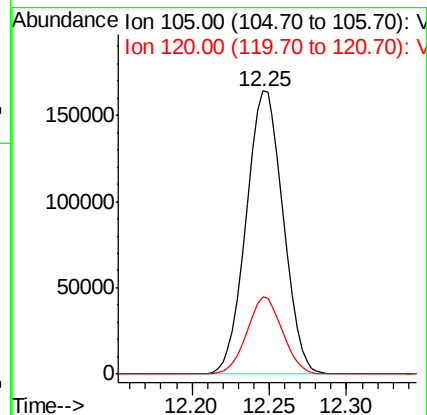
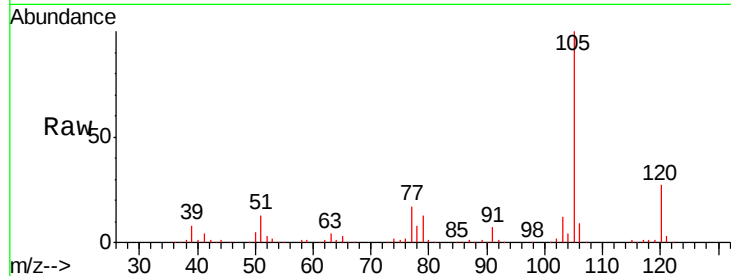
120 26.3 13.4 40.1

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#74

N-ethyl acetate

Concen: 15.39 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

Tgt Ion: 43 Resp: 73391

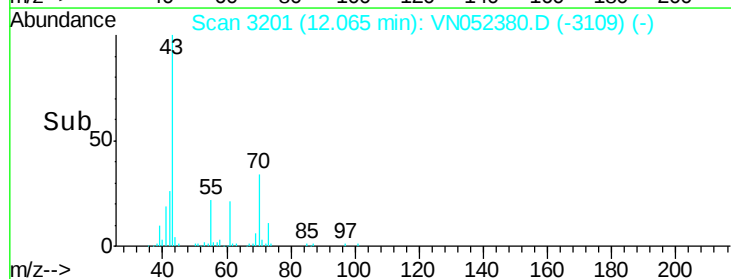
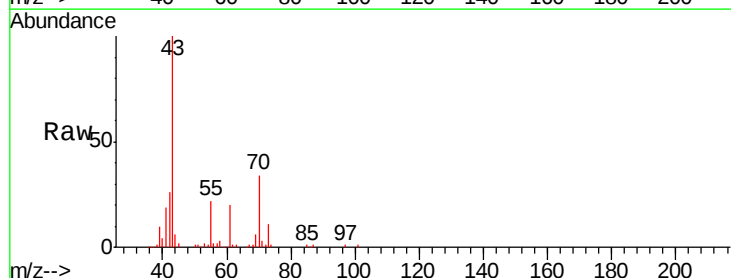
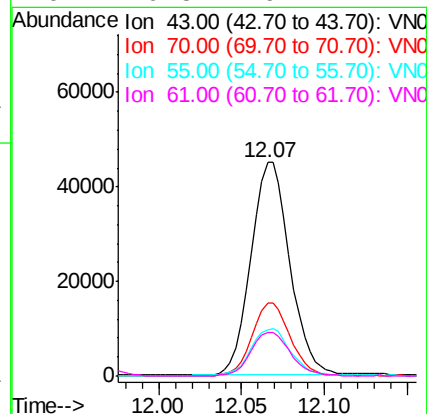
Ion Ratio Lower Upper

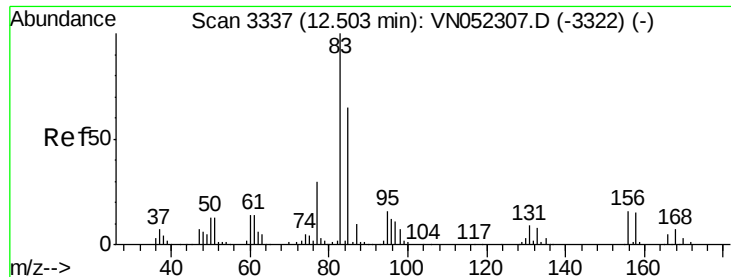
43 100

70 33.9 27.1 40.7

55 23.1 17.4 26.0

61 20.8 16.1 24.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.35 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

Instrument :

MSVOA_N

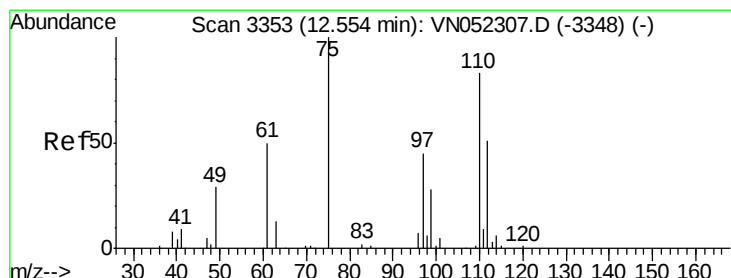
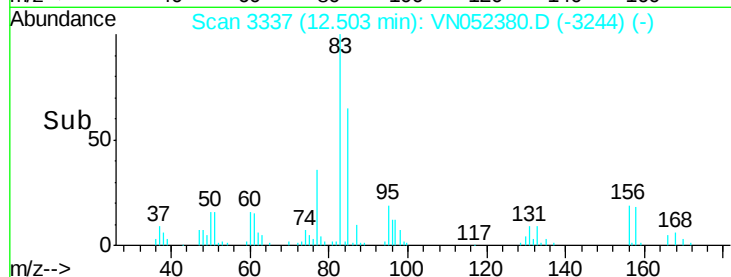
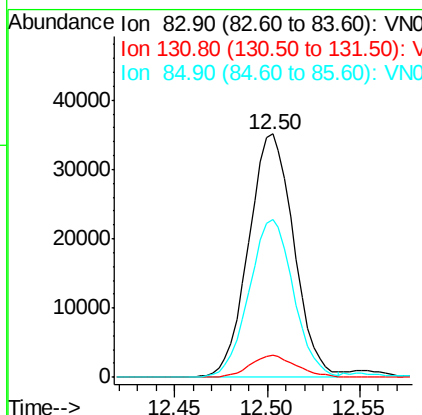
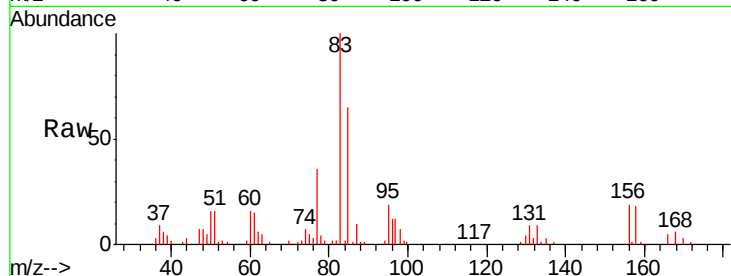
ClientSampleId :

VN1119WBSD01

Tgt Ion:	83	Resp:	59409
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.7	14.1
85	63.7	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 18.21 ug/l m

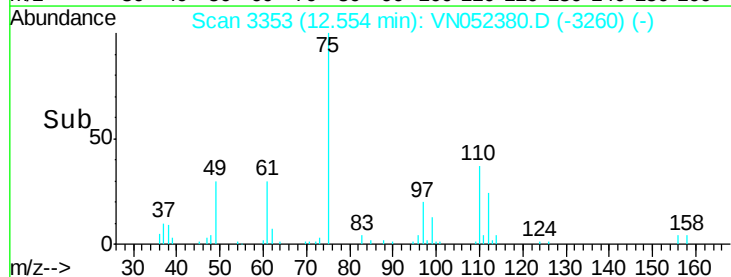
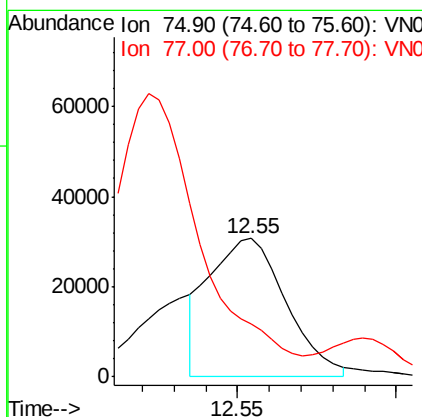
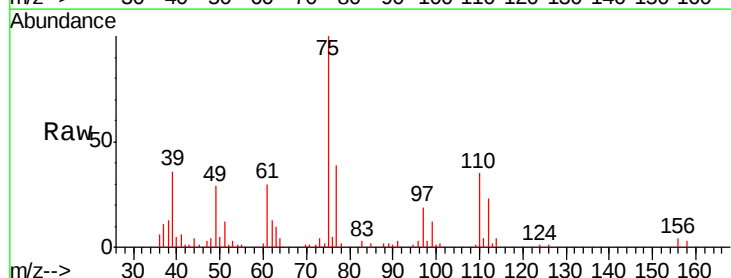
RT: 12.55 min Scan# 3353

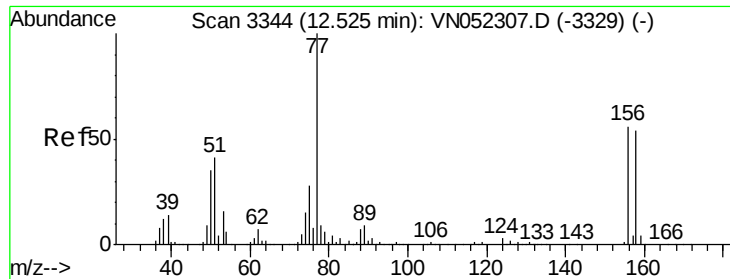
Delta R.T. -0.00 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

Tgt Ion:	75	Resp:	51458
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.64 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

Instrument :

MSVOA_N

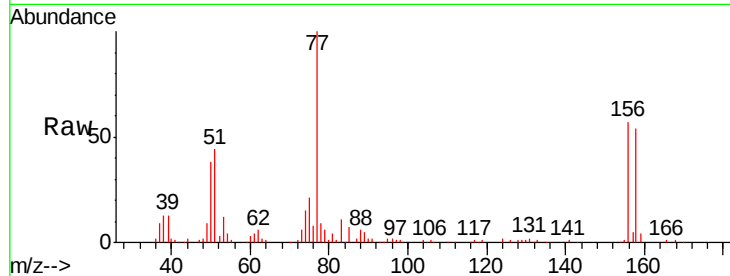
ClientSampleId :

VN1119WBSD01

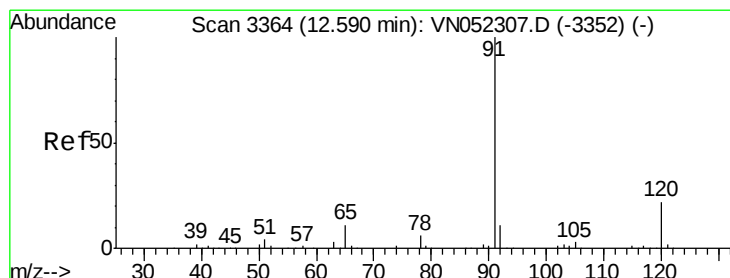
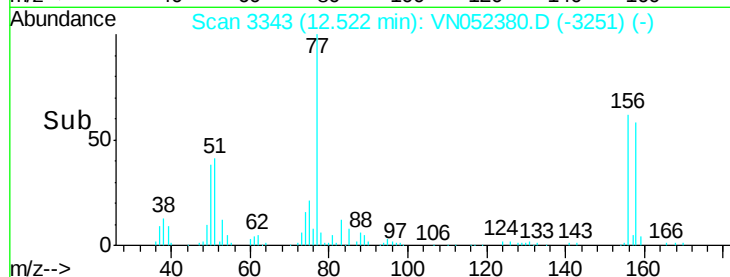
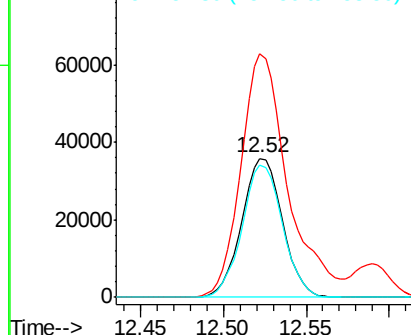
Tgt Ion: 156 Resp: 61186
 Ion Ratio Lower Upper
 156 100
 77 201.5 103.6 310.9
 158 94.5 48.1 144.4

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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: 20.44 ug/l

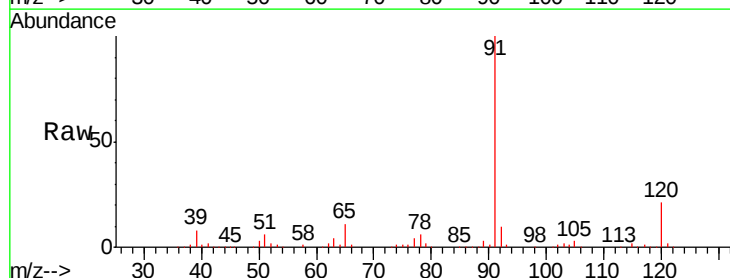
RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

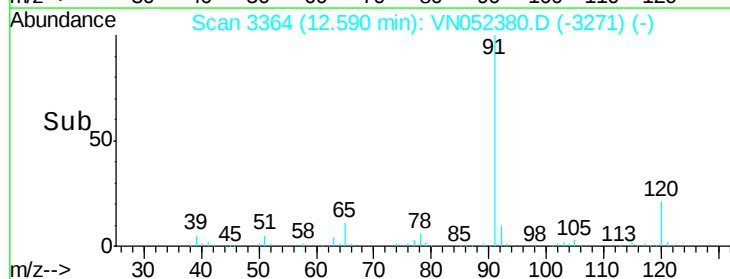
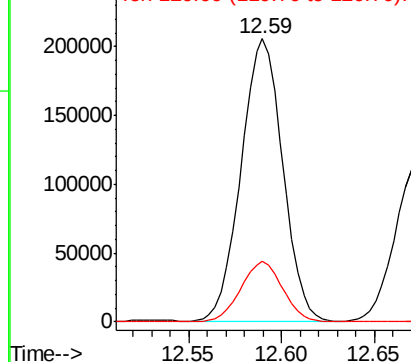
Lab File: VN052380.D

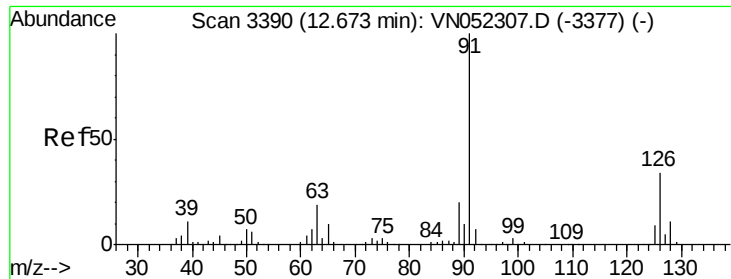
Acq: 19 Nov 2018 13:03

Tgt Ion: 91 Resp: 320066
 Ion Ratio Lower Upper
 91 100
 120 21.6 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0
 Ion 120.00 (119.70 to 120.70): V





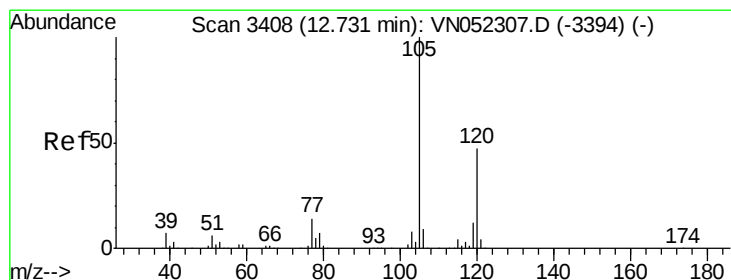
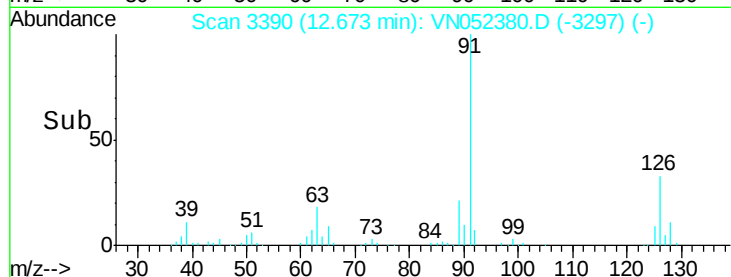
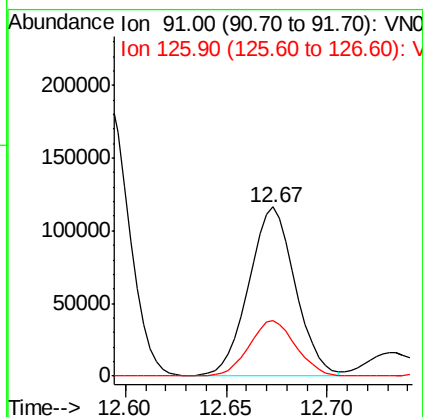
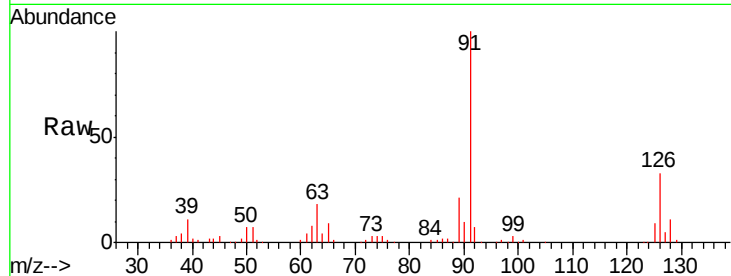
#79
 2-Chlorotoluene
 Concen: 20.35 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN052380.D
 Acq: 19 Nov 2018 13:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Tgt Ion: 91 Resp: 186166
 Ion Ratio Lower Upper
 91 100
 126 33.3 17.0 51.0

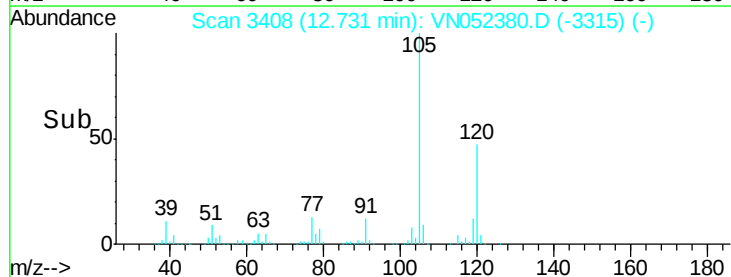
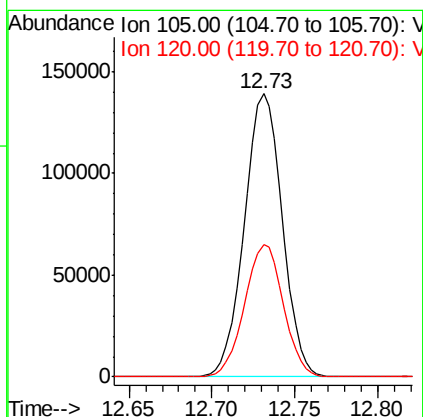
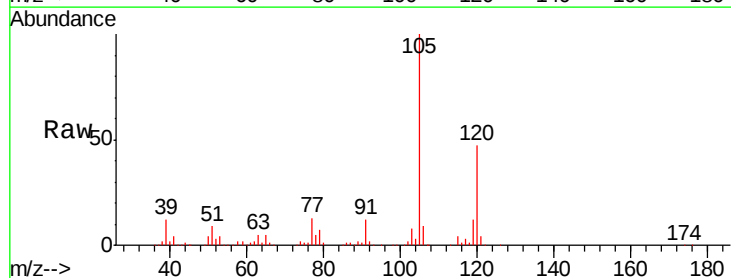
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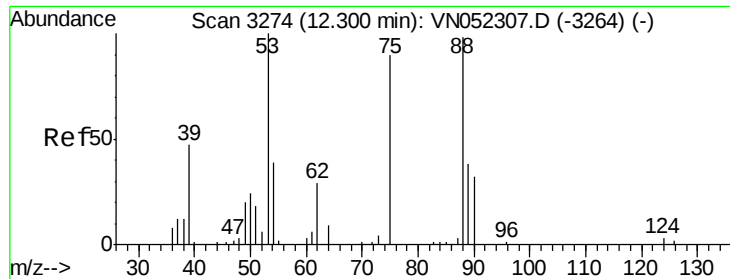
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.70 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN052380.D
 Acq: 19 Nov 2018 13:03

Tgt Ion: 105 Resp: 220473
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 16.94 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

Instrument :

MSVOA_N

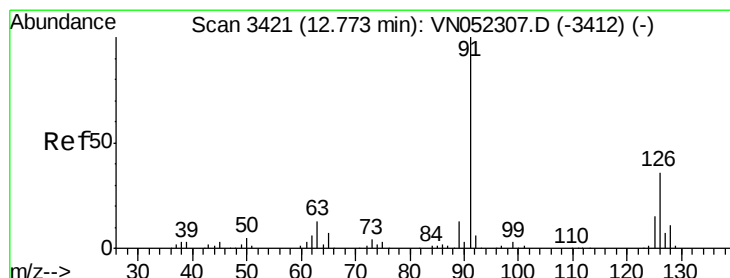
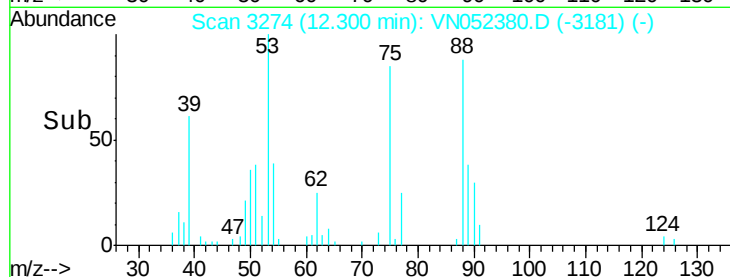
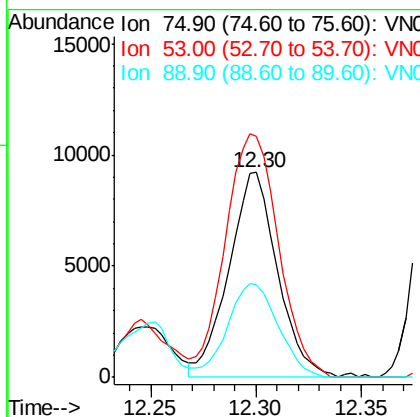
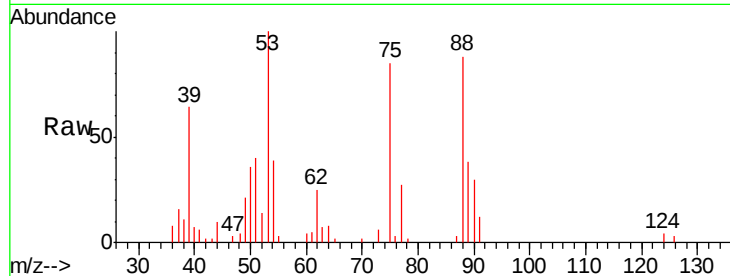
ClientSampleId :

VN1119WBSD01

Tgt Ion:	75	Resp:	14763
Ion	Ratio	Lower	Upper
75	100		
53	130.5	90.2	135.2
89	47.5	35.4	53.0

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#82

4-Chlorotoluene

Concen: 20.27 ug/l

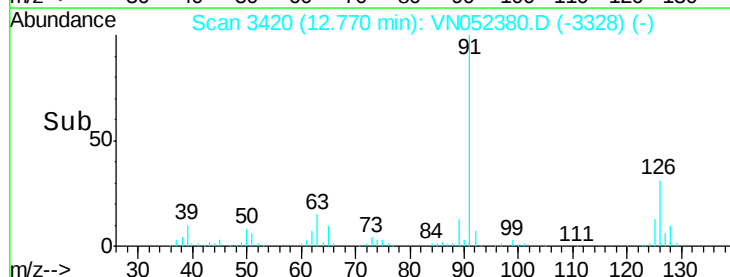
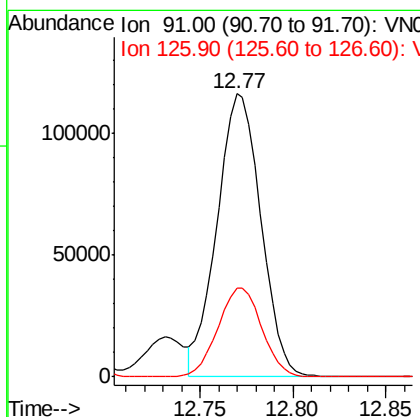
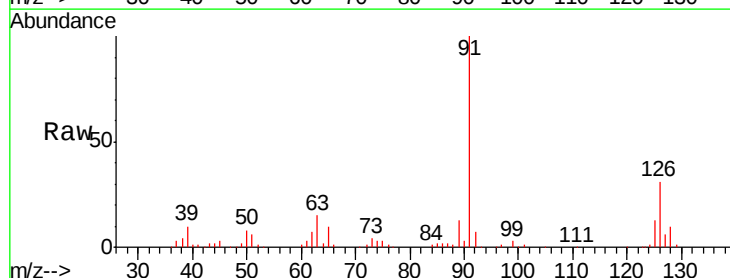
RT: 12.77 min Scan# 3420

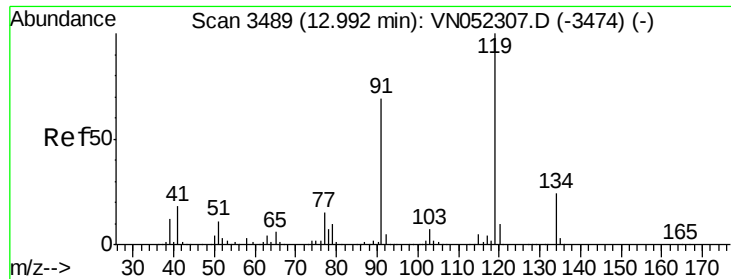
Delta R.T. -0.00 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

Tgt Ion:	91	Resp:	189977
Ion	Ratio	Lower	Upper
91	100		
126	31.7	17.0	50.9





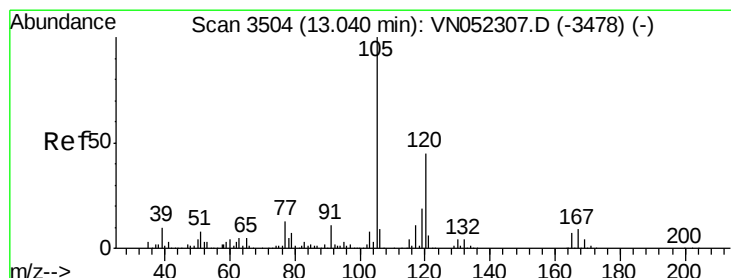
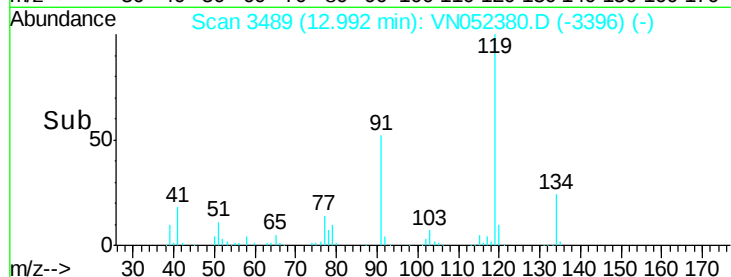
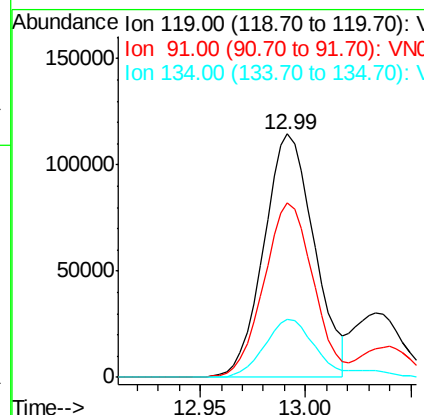
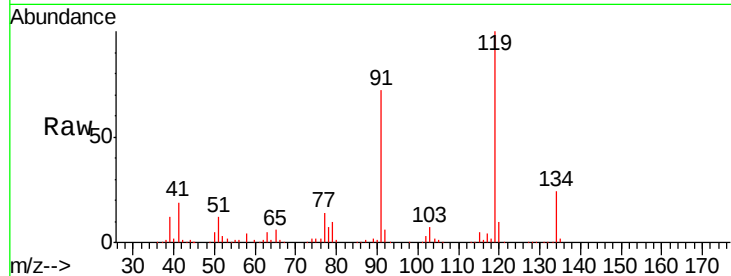
#83
 tert-Butylbenzene
 Concen: 20.27 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN052380.D
 Acq: 19 Nov 2018 13:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	190532		
91	70.7	33.8	101.3	
134	25.7	11.9	35.9	

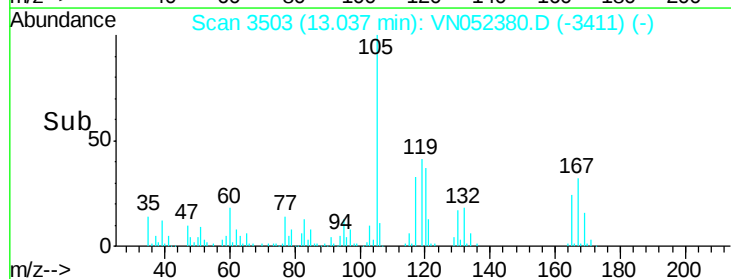
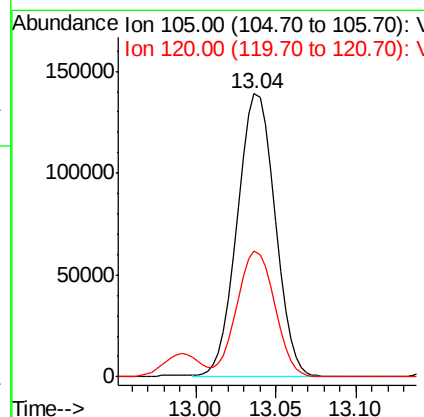
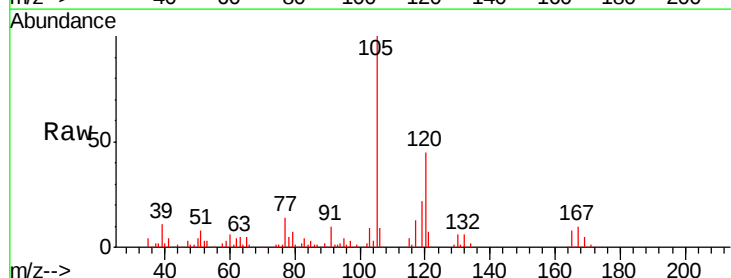
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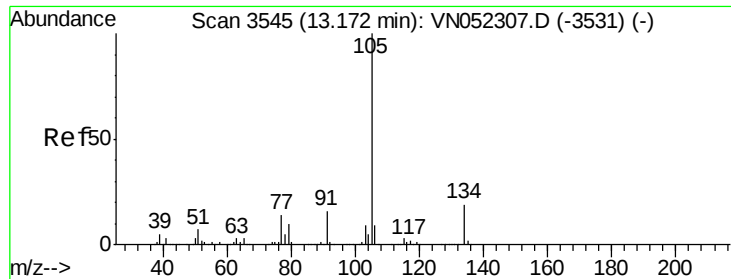
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.00 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN052380.D
 Acq: 19 Nov 2018 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	224522		
120	44.4	22.5	67.5	





#85

sec-Butylbenzene

Concen: 20.93 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

Tgt Ion:105 Resp: 268019

Ion Ratio Lower Upper

105 100

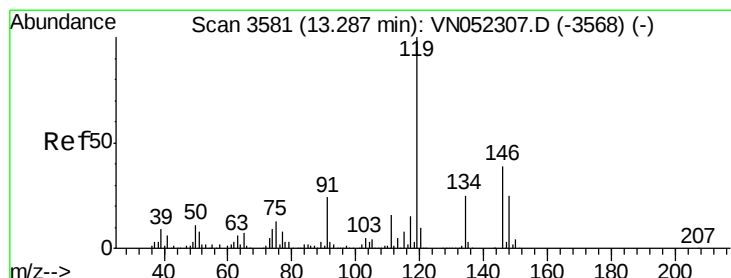
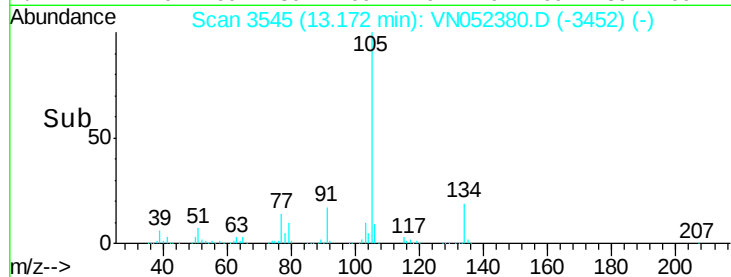
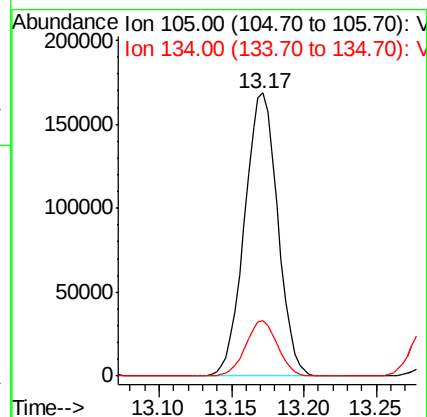
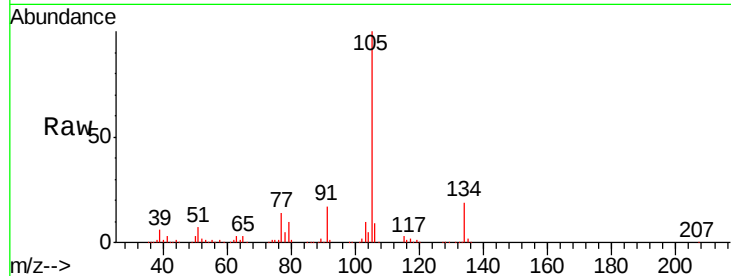
134 18.9 9.5 28.5

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11/20/2018 11:39:18 AM



#86

p-Isopropyltoluene

Concen: 20.45 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN052380.D

Acq: 19 Nov 2018 13:03

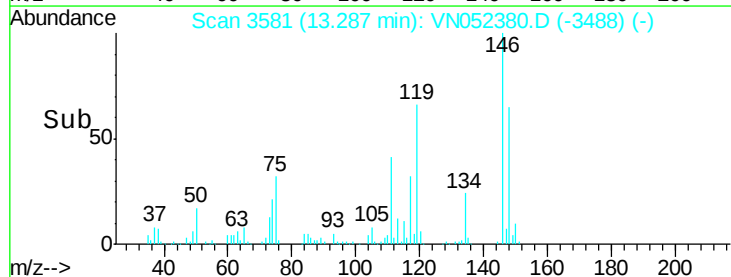
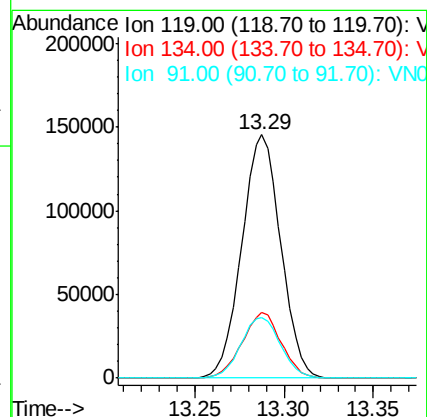
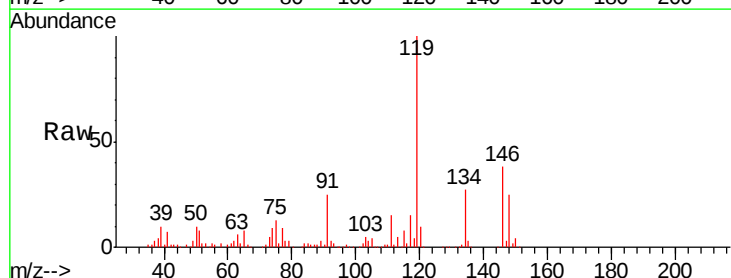
Tgt Ion:119 Resp: 221801

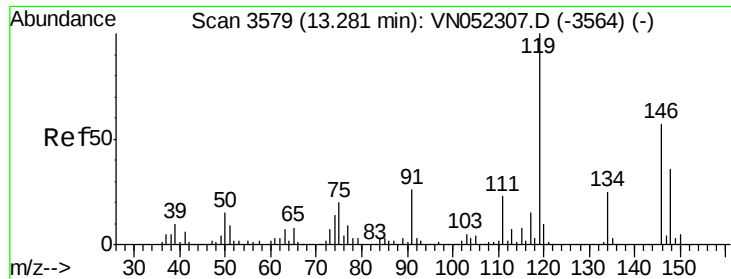
Ion Ratio Lower Upper

119 100

134 27.0 13.0 38.9

91 25.5 12.4 37.0





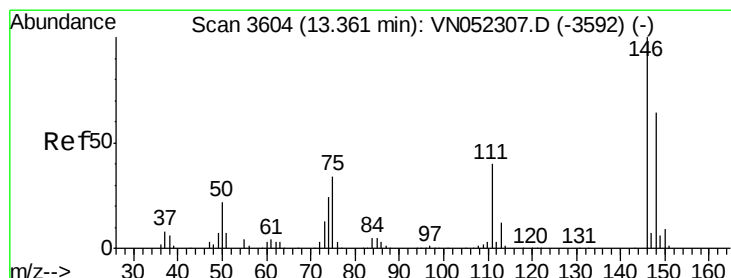
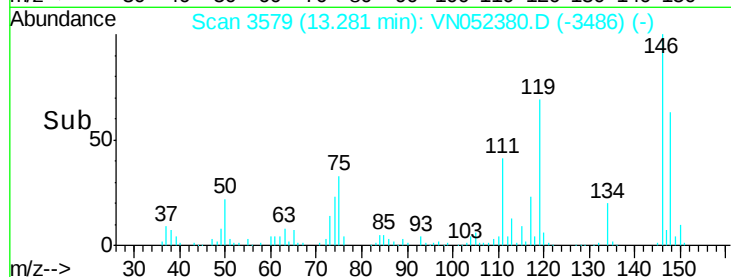
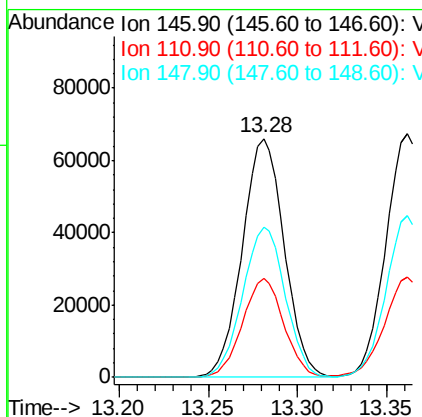
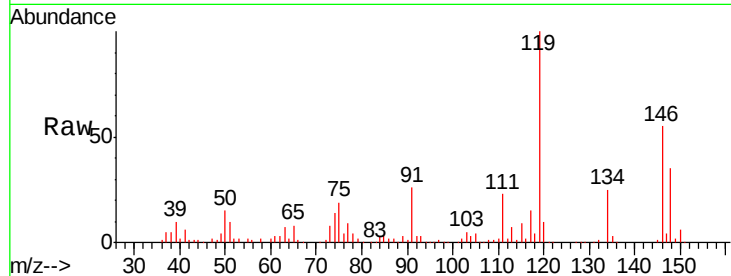
#87
 1,3-Dichlorobenzene
 Concen: 19.62 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN052380.D
 Acq: 19 Nov 2018 13:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	61.0
148	63.7	31.8	95.4

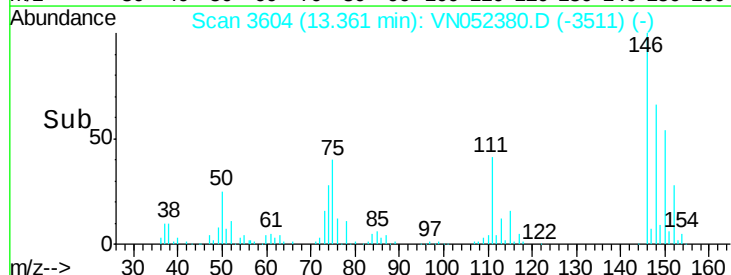
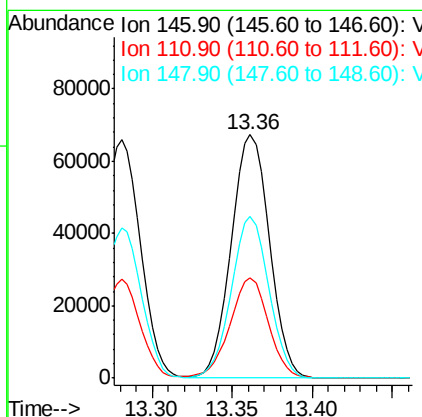
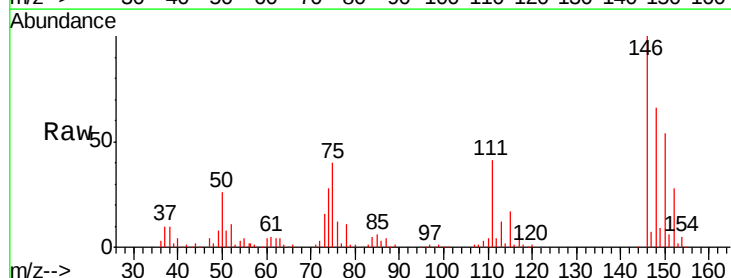
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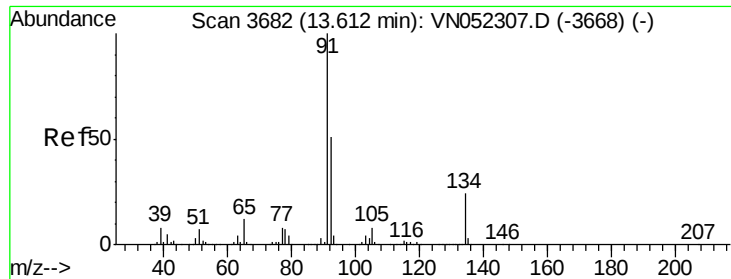
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#88
 1,4-Dichlorobenzene
 Concen: 19.94 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN052380.D
 Acq: 19 Nov 2018 13:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.6	61.8
148	65.1	32.4	97.2





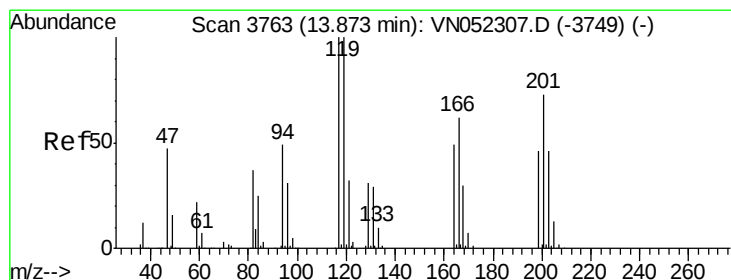
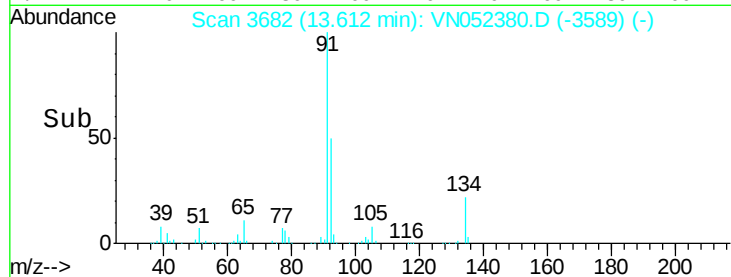
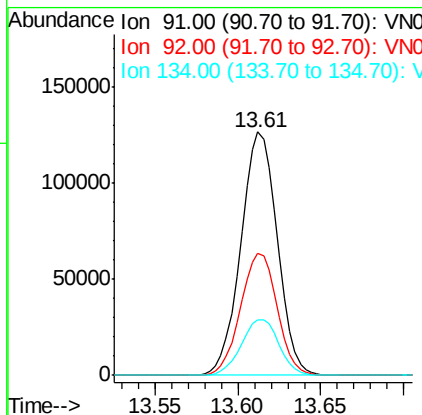
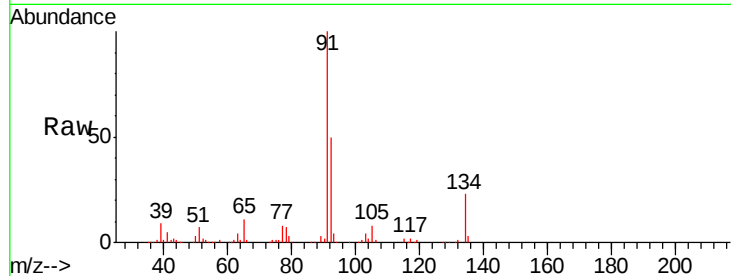
#89
n-Butylbenzene
Concen: 20.85 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.3	25.4	76.2
134	23.7	12.2	36.4

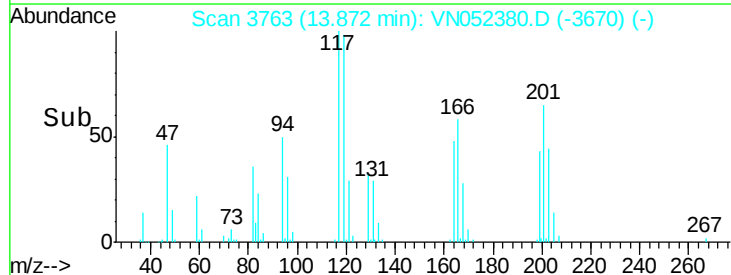
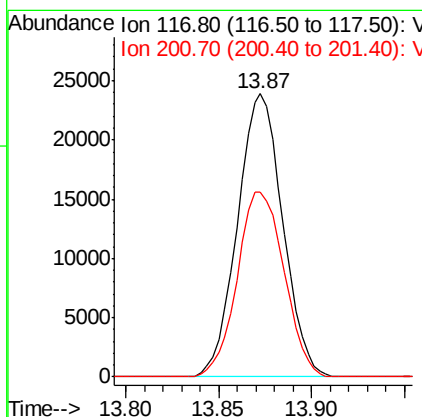
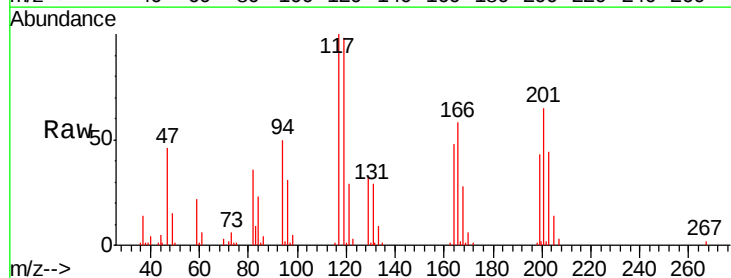
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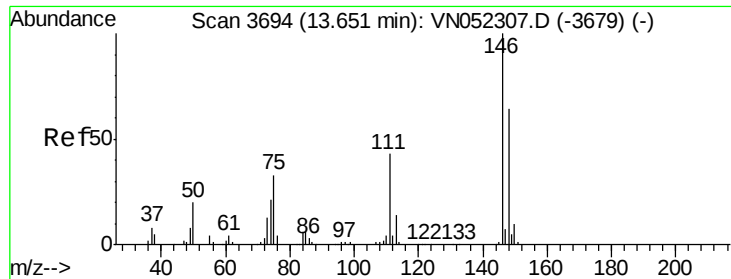
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#90
Hexachloroethane
Concen: 21.00 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.6	35.3	105.9





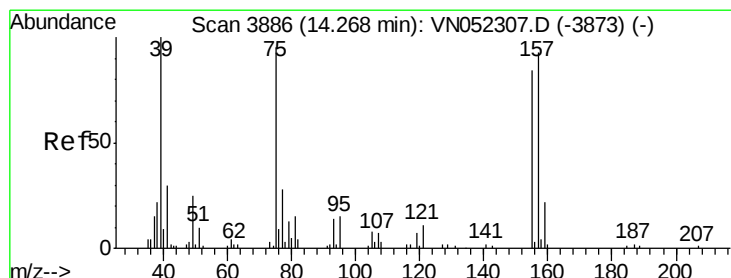
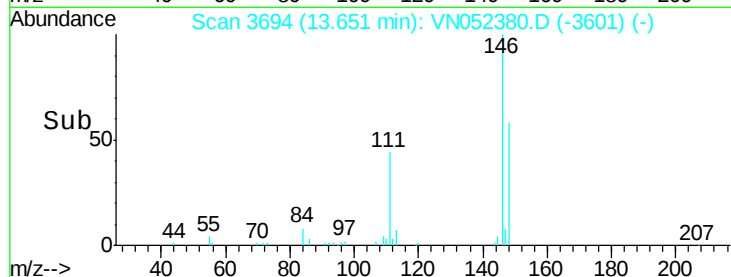
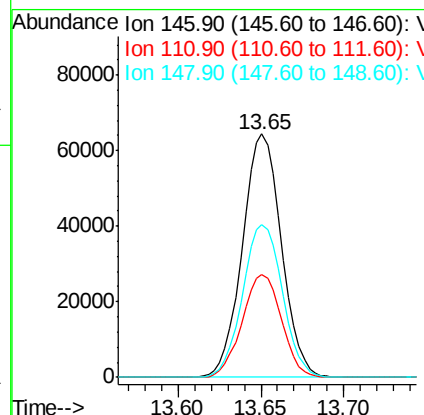
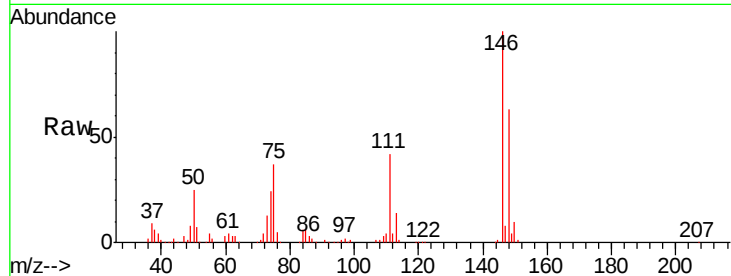
#91
 1,2-Dichlorobenzene
 Concen: 19.67 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN052380.D
 Acq: 19 Nov 2018 13:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.3	63.9
148	64.1	31.6	94.8

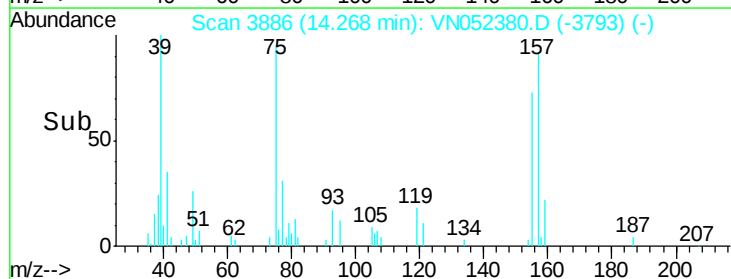
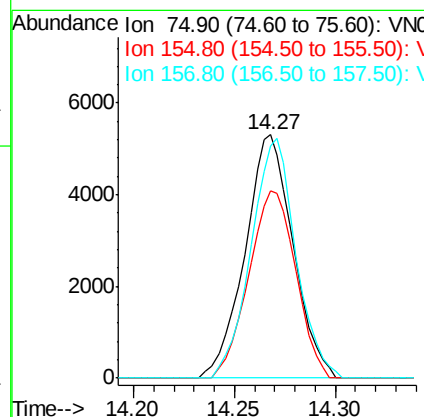
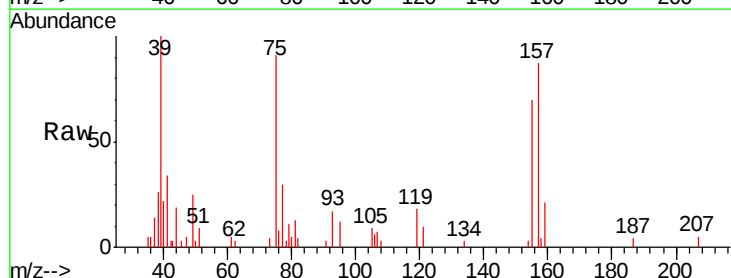
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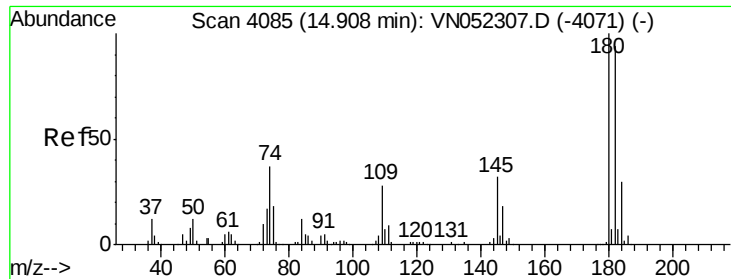
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.50 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN052380.D
 Acq: 19 Nov 2018 13:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.3	42.4	127.3
157	91.9	49.6	149.0





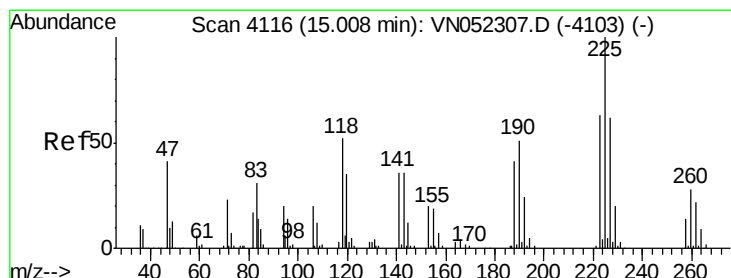
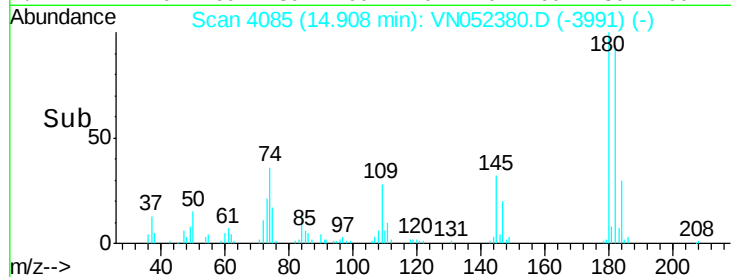
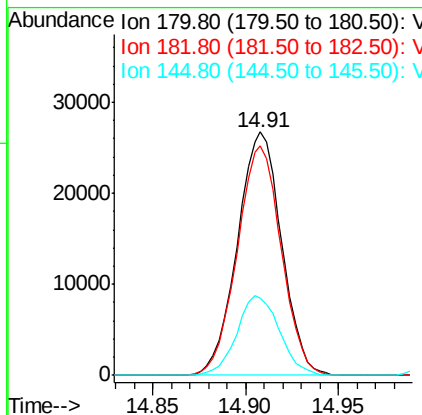
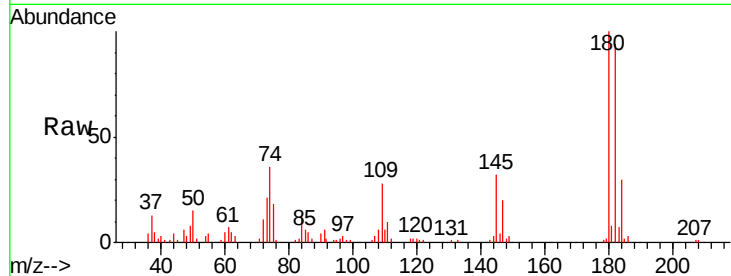
#93
 1,2,4-Trichlorobenzene
 Concen: 19.18 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052380.D
 Acq: 19 Nov 2018 13:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.6	142.9
145	31.7	15.5	46.5

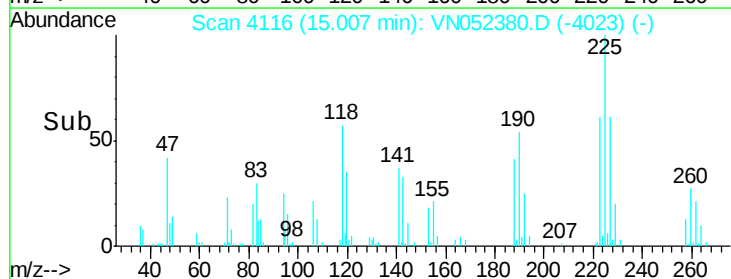
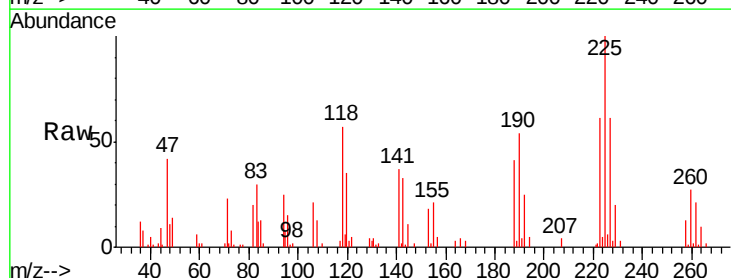
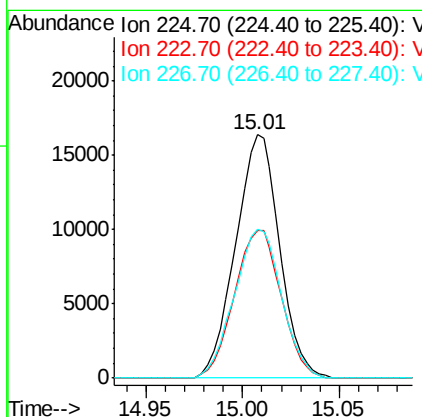
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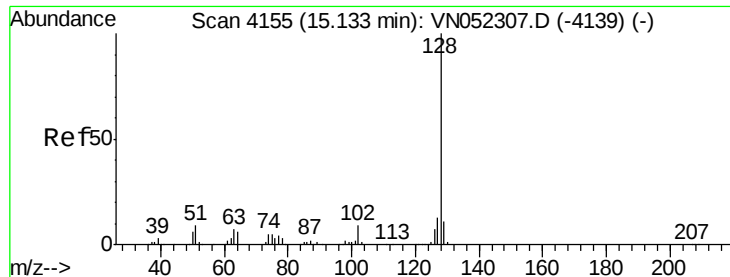
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 11/20/2018 11:39:18 AM



#94
 Hexachlorobutadiene
 Concen: 21.13 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN052380.D
 Acq: 19 Nov 2018 13:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	31.9	95.5
227	65.5	31.6	95.0





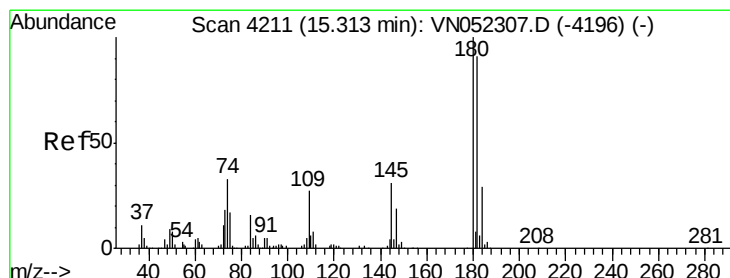
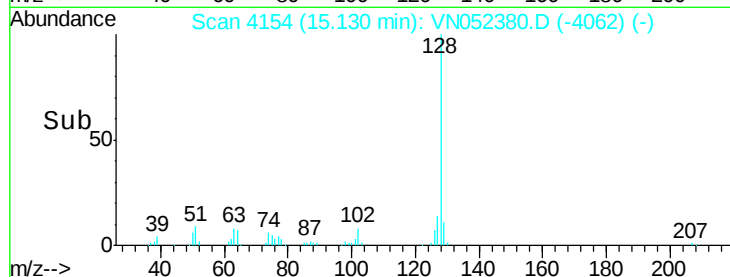
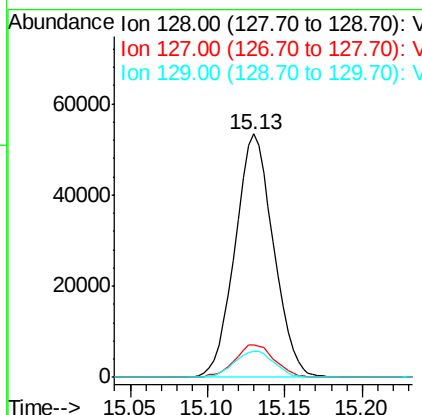
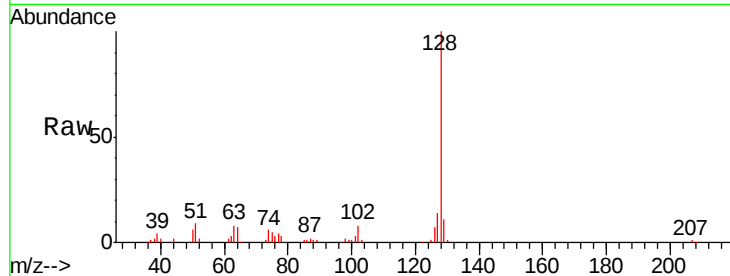
#95
Naphthalene
Concen: 17.39 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.4	15.6
129	11.2	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.02 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN052380.D
Acq: 19 Nov 2018 13:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	46.5	139.3
145	33.4	16.4	49.2

