

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012119\
 Data File : VN053506.D
 Acq On : 21 Jan 2019 15:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/22/2019 9:47:46 AM

Quant Time: Jan 22 05:27:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	763143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1116365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1000926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	508189	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	362578	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
35) Dibromofluoromethane	7.59	113	331346	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
50) Toluene-d8	10.09	98	1351739	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
62) 4-Bromofluorobenzene	12.40	95	471381	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	284820	46.420	ug/l	100
3) Chloromethane	2.06	50	371563	42.355	ug/l	100
4) Vinyl Chloride	2.19	62	382528	45.236	ug/l	100
5) Bromomethane	2.56	94	263195	45.361	ug/l	99
6) Chloroethane	2.70	64	236954	46.347	ug/l	98
7) Trichlorofluoromethane	3.02	101	539303	48.758	ug/l	100
8) Diethyl Ether	3.41	74	196097	47.204	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	351872	50.232	ug/l	99
10) Methyl Iodide	3.95	142	498072	46.528	ug/l	99
11) Tert butyl alcohol	4.77	59	74431	201.661	ug/l	100
12) 1,1-Dichloroethene	3.74	96	324566	47.770	ug/l	98
13) Acrolein	3.60	56	153275	216.200	ug/l	98
14) Allyl chloride	4.32	41	543929	49.286	ug/l	100
15) Acrylonitrile	4.98	53	545047	224.389	ug/l	100
16) Acetone	3.81	43	420255	237.471	ug/l	99
17) Carbon Disulfide	4.06	76	912552	44.414	ug/l	99
18) Methyl Acetate	4.32	43	271951	45.611	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	857932	47.523	ug/l	99
20) Methylene Chloride	4.55	84	371171	45.939	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	350140	48.203	ug/l	98
22) Diisopropyl ether	5.95	45	1141514	49.546	ug/l	100
23) Vinyl Acetate	5.89	43	3414584	241.100	ug/l	100
24) 1,1-Dichloroethane	5.85	63	666741	48.953	ug/l	100
25) 2-Butanone	6.83	43	610454	223.844	ug/l	99
26) 2,2-Dichloropropane	6.82	77	509120	49.509	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	408074	49.127	ug/l	100
28) Bromochloromethane	7.19	49	288827	48.137	ug/l	99
29) Tetrahydrofuran	7.21	42	385075	216.898	ug/l	100
30) Chloroform	7.37	83	653785	49.268	ug/l	99
31) Cyclohexane	7.65	56	621521	46.877	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	549901	48.850	ug/l	99
36) 1,1-Dichloropropene	7.79	75	507759	49.942	ug/l	99
37) Ethyl Acetate	6.92	43	253660	43.366	ug/l	98
38) Carbon Tetrachloride	7.77	117	486528	50.547	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	646895	51.479	ug/l	99
40) Benzene	8.04	78	1528078	49.460	ug/l	98
41) Methacrylonitrile	7.17	41	174421	50.181	ug/l	94
42) 1,2-Dichloroethane	8.12	62	445894	49.540	ug/l	100
43) Isopropyl Acetate	8.16	43	484079	46.025	ug/l	98
44) Trichloroethene	8.83	130	435521	50.833	ug/l	99
45) 1,2-Dichloropropane	9.12	63	406596	49.687	ug/l	99
46) Dibromomethane	9.21	93	224059	47.656	ug/l	99
47) Bromodichloromethane	9.40	83	492956	49.857	ug/l	99
48) Methyl methacrylate	9.20	41	245071	45.128	ug/l	98
49) 1,4-Dioxane	9.20	88	46571	878.100	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1286472	224.063	ug/l	100
52) Toluene	10.15	92	944786	49.258	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	502917	50.182	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	603790	51.395	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	321065	48.553	ug/l	99
56) Ethyl methacrylate	10.43	69	399149	42.840	ug/l	99
57) 1,3-Dichloropropane	10.71	76	556533	48.651	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1105139	238.888	ug/l	99
59) 2-Hexanone	10.75	43	894719	221.986	ug/l	99
60) Dibromochloromethane	10.90	129	367628	49.016	ug/l	99
61) 1,2-Dibromoethane	11.00	107	316074	47.261	ug/l	99
64) Tetrachloroethene	10.63	164	493681	52.338	ug/l	99
65) Chlorobenzene	11.43	112	1071196	50.561	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	379925	51.547	ug/l	99
67) Ethyl Benzene	11.51	91	1833129	50.770	ug/l	100
68) m/p-Xylenes	11.62	106	1421366	104.265	ug/l	99
69) o-Xylene	11.95	106	683324	51.586	ug/l	98
70) Styrene	11.96	104	1128527	52.493	ug/l	100
71) Bromoform	12.13	173	244539	48.194	ug/l #	98
73) Isopropylbenzene	12.25	105	1824678	49.031	ug/l	100
74) N-amyl acetate	12.07	43	432243	43.570	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	318455	40.801	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	286865m	42.835	ug/l	
77) Bromobenzene	12.53	156	469062	47.833	ug/l	97
78) n-propylbenzene	12.59	91	2126572	49.781	ug/l	100
79) 2-Chlorotoluene	12.67	91	1228264	48.508	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1523231	50.307	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	107722	41.179	ug/l	99
82) 4-Chlorotoluene	12.77	91	1263722	48.940	ug/l	100
83) tert-Butylbenzene	12.99	119	1348057	50.407	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1546187	50.644	ug/l	99
85) sec-Butylbenzene	13.17	105	1835449	50.044	ug/l	99
86) p-Isopropyltoluene	13.29	119	1645776	51.679	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	856000	49.625	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	843400	48.743	ug/l	99
89) n-Butylbenzene	13.61	91	1419384	52.288	ug/l	100
90) Hexachloroethane	13.87	117	255293	51.114	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	802784	50.586	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	46754	47.243	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	359827	51.312	ug/l	100
94) Hexachlorobutadiene	15.01	225	292413	59.068	ug/l	99
95) Naphthalene	15.13	128	528149	43.543	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	238486	46.816	ug/l	99

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

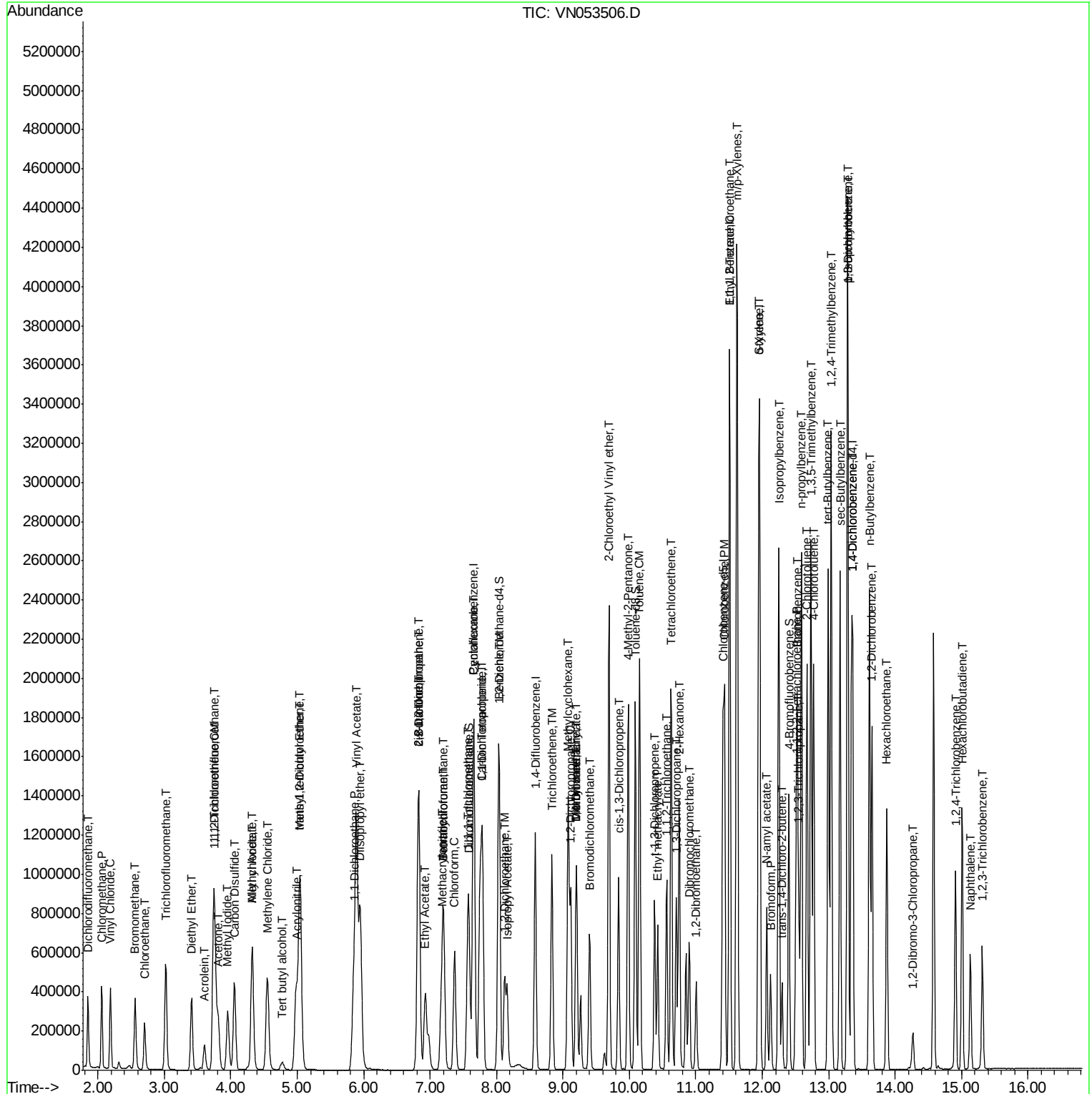
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012119\
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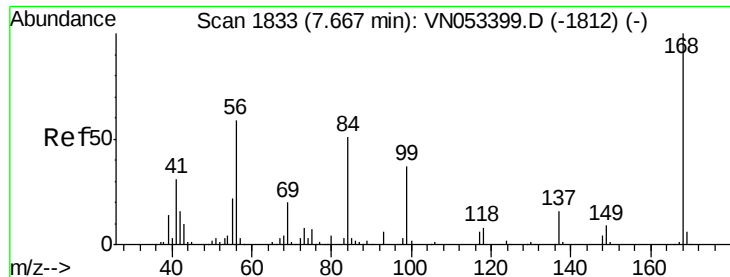
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053506.D

Acq: 21 Jan 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 763143

Ion Ratio Lower Upper

168 100

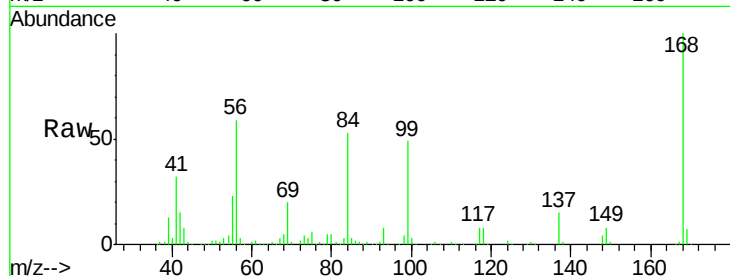
99 48.8 39.1 58.7

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1/22/2019 9:47:46 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

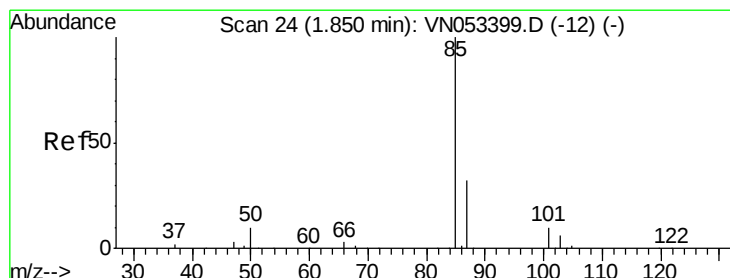
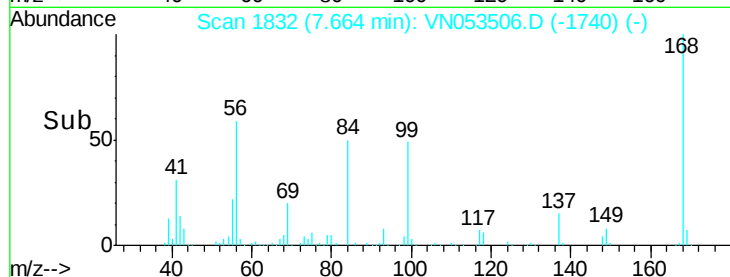
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 46.420 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN053506.D

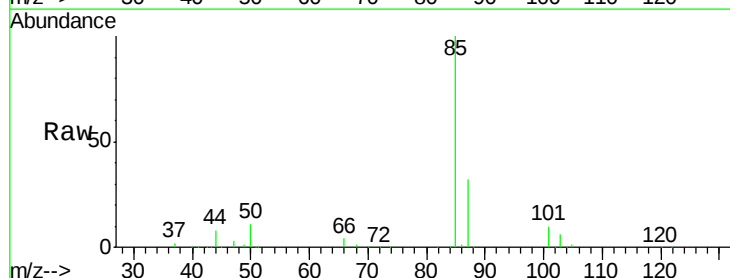
Acq: 21 Jan 2019 15:13

Tgt Ion: 85 Resp: 284820

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

200000

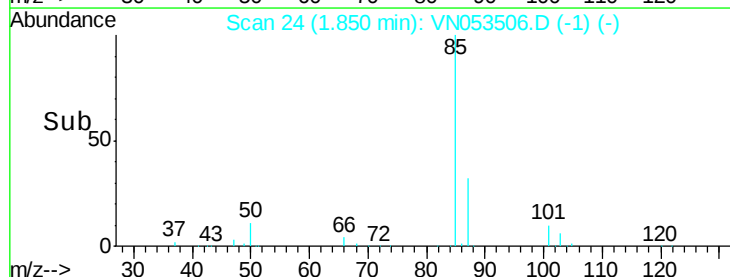
150000

100000

50000

0

Time--> 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 42.355 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN053506.D

Acq: 21 Jan 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 371563

Ion Ratio Lower Upper

50 100

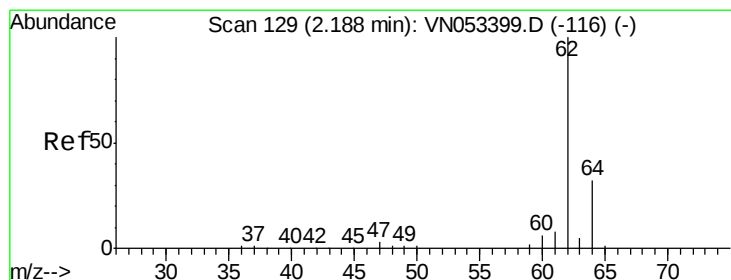
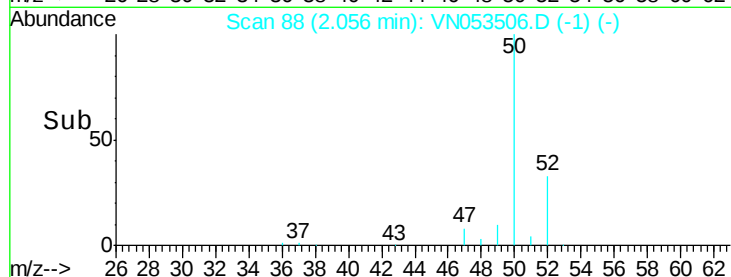
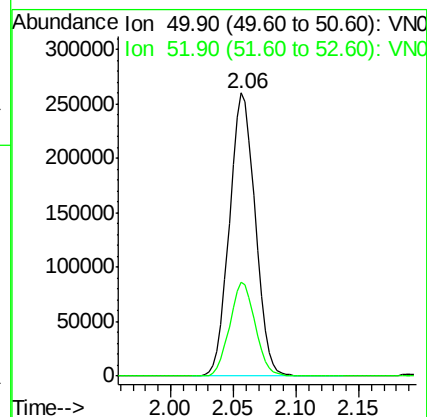
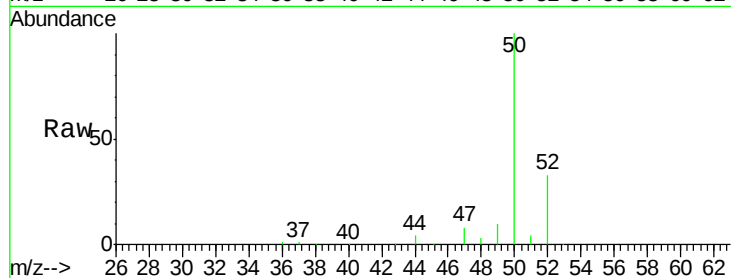
52 33.1 26.6 40.0

Manual Integrations

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1/22/2019 9:47:46 AM



#4

Vinyl Chloride

Concen: 45.236 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN053506.D

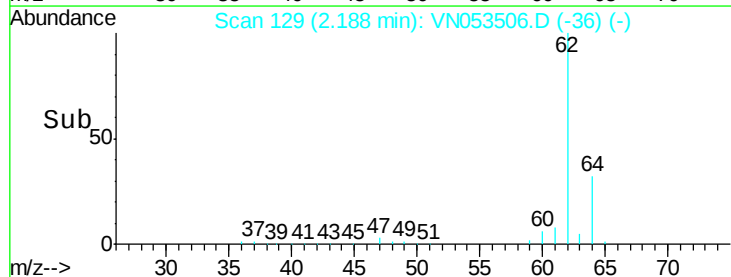
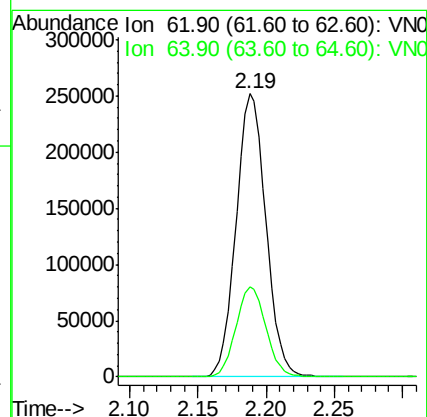
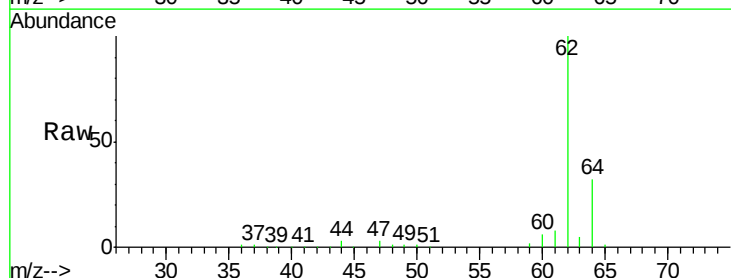
Acq: 21 Jan 2019 15:13

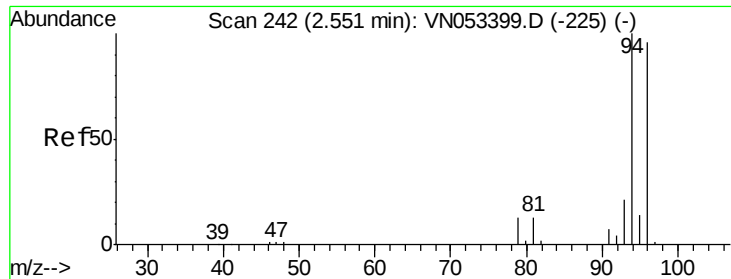
Tgt Ion: 62 Resp: 382528

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.2





#5

Bromomethane

Concen: 45.361 ug/l

RT: 2.56 min Scan# 244

Delta R.T. 0.01 min

Lab File: VN053506.D

Acq: 21 Jan 2019 15:13

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 263195

Ion Ratio Lower Upper

94 100

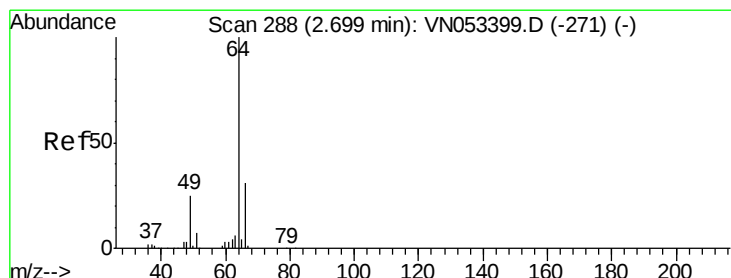
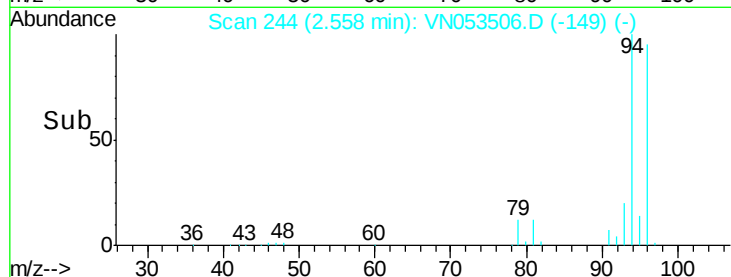
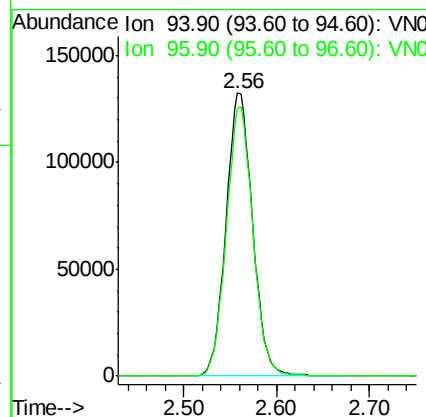
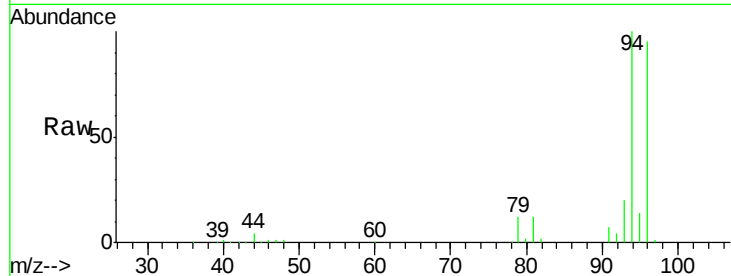
96 94.6 76.8 115.2

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1/22/2019 9:47:46 AM



#6

Chloroethane

Concen: 46.347 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN053506.D

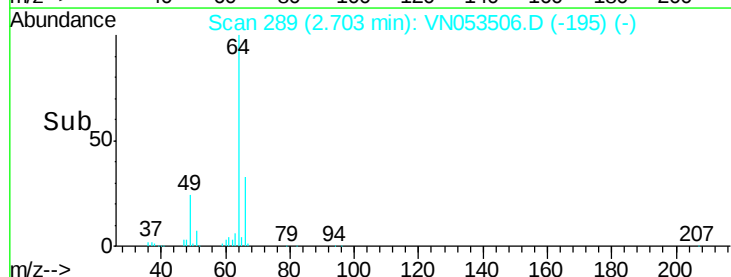
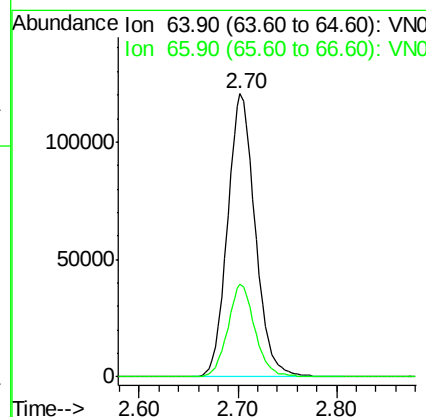
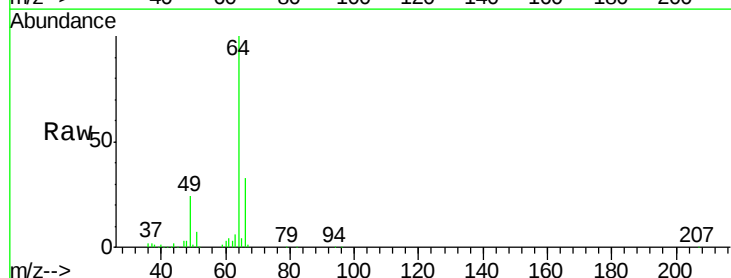
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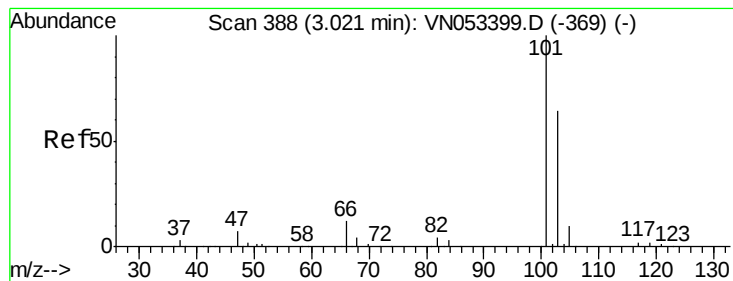
Tgt Ion: 64 Resp: 236954

Ion Ratio Lower Upper

64 100

66 32.7 25.1 37.7





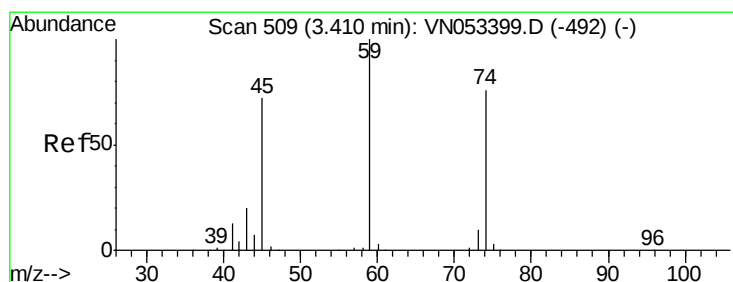
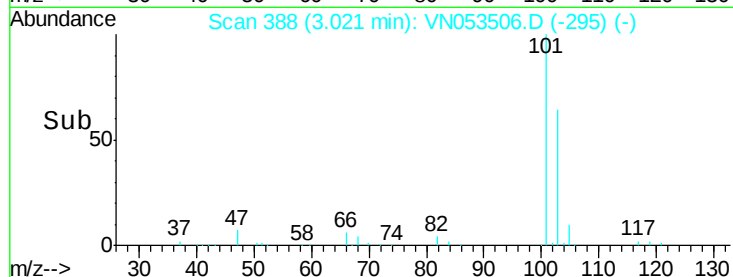
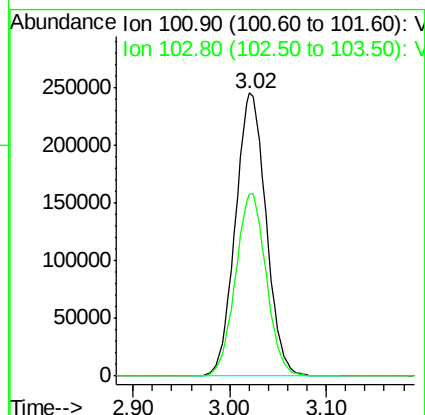
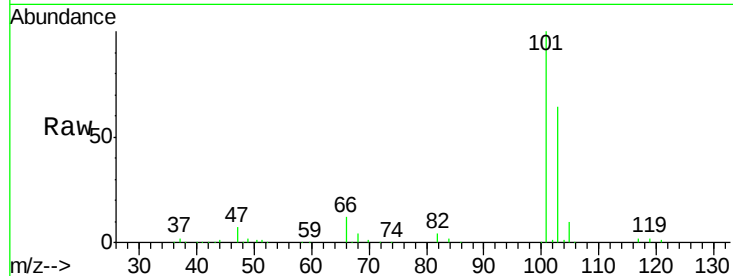
#7
 Trichlorofluoromethane
 Concen: 48.758 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN053506.D
 Acq: 21 Jan 2019 15:13

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 VSTDCCC050EC

Tot Ion: 101 Resp: 539303
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.6 77.4

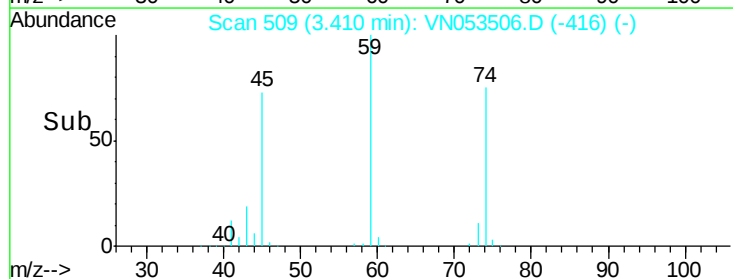
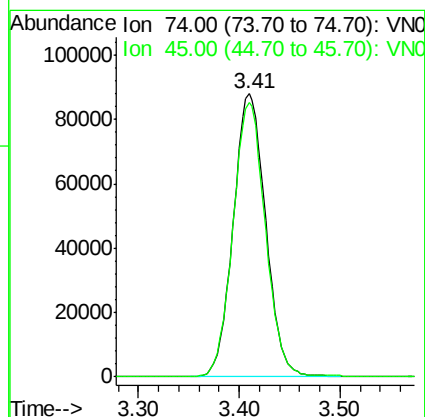
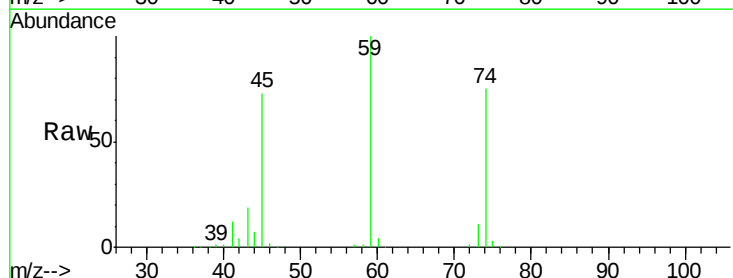
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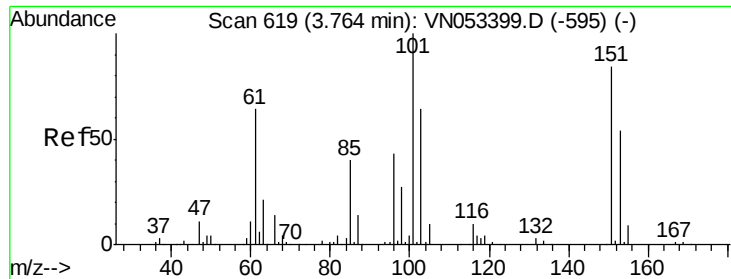
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 1/22/2019 9:47:46 AM



#8
 Diethyl Ether
 Concen: 47.204 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN053506.D
 Acq: 21 Jan 2019 15:13

Tgt Ion: 74 Resp: 196097
 Ion Ratio Lower Upper
 74 100
 45 97.2 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.232 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN053506.D

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Instrument :

MSVOA_N

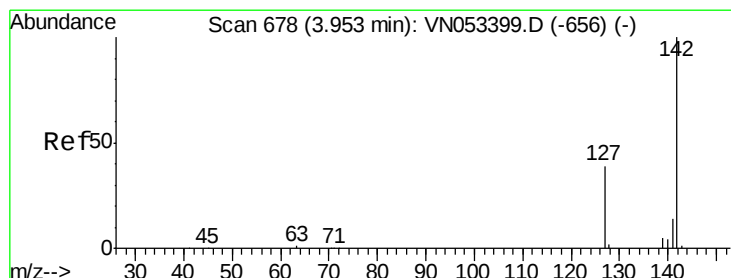
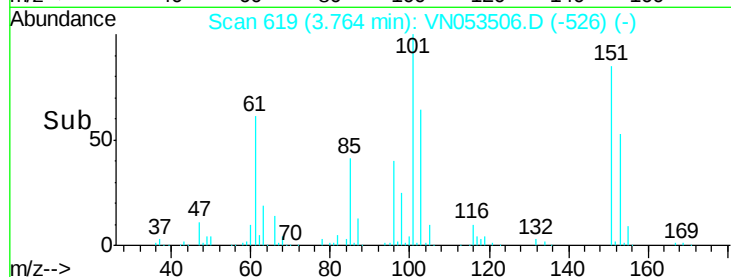
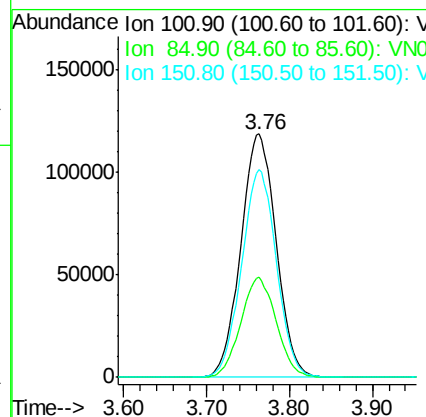
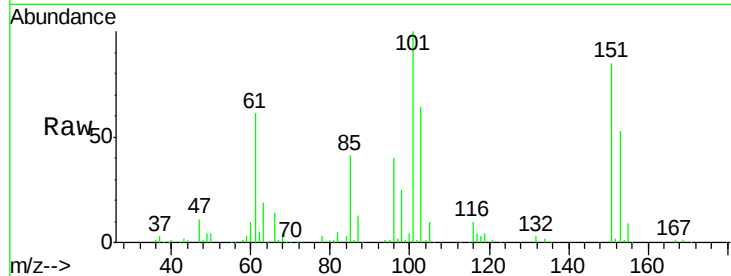
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	351872
Ion Ratio	Lower	Upper	
101	100		
85	41.2	32.8	49.2
151	84.2	66.9	100.3

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#10

Methyl Iodide

Concen: 46.528 ug/l

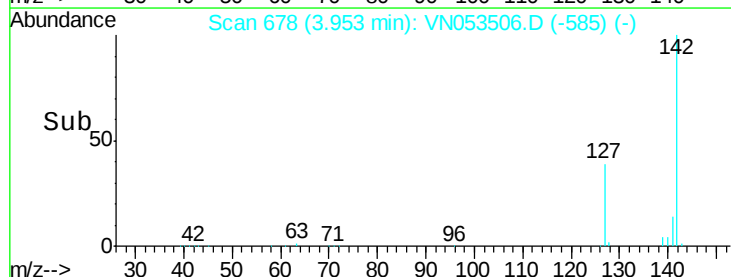
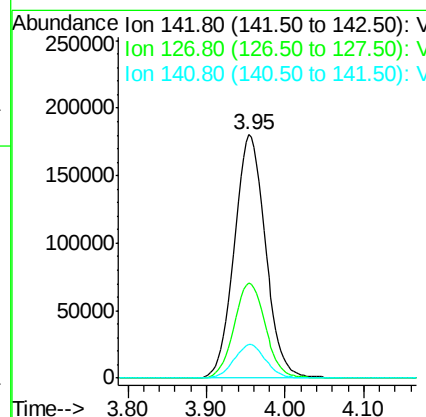
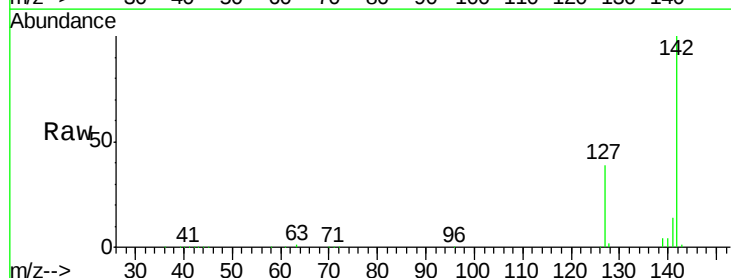
RT: 3.95 min Scan# 678

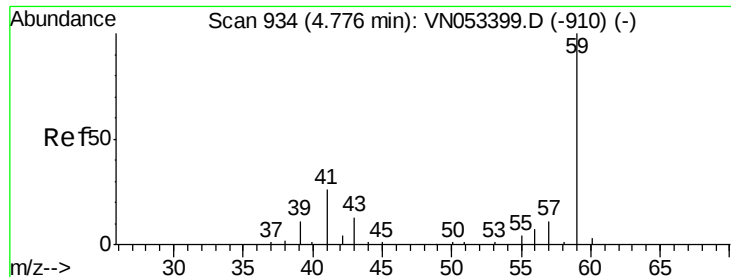
Delta R.T. -0.00 min

Lab File: VN053506.D

Acq: 21 Jan 2019 15:13

Tgt Ion:	142	Resp:	498072
Ion Ratio	Lower	Upper	
142	100		
127	39.4	31.0	46.4
141	13.9	11.1	16.7





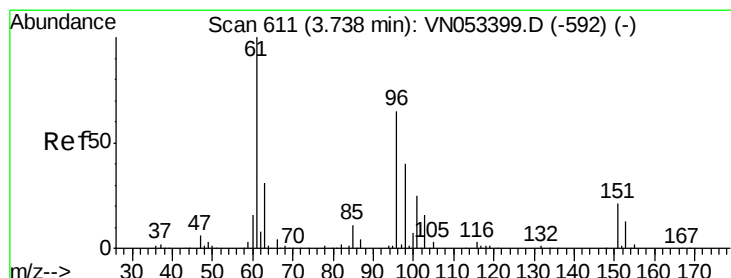
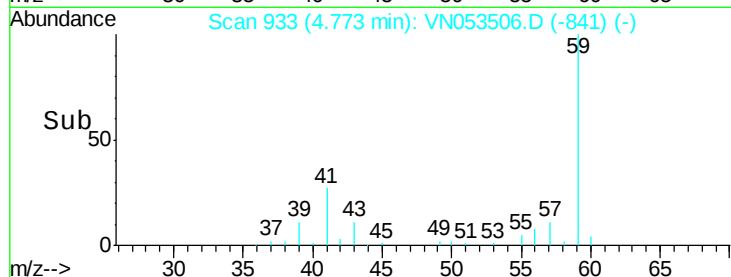
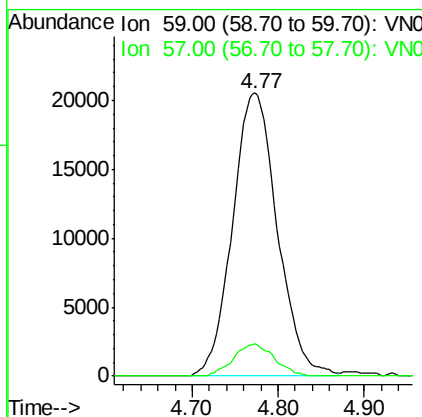
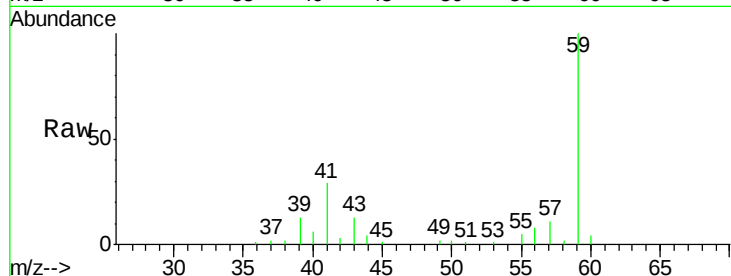
#11
Tert butyl alcohol
Concen: 201.661 ug/l
RT: 4.77 min Scan# 933
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.4

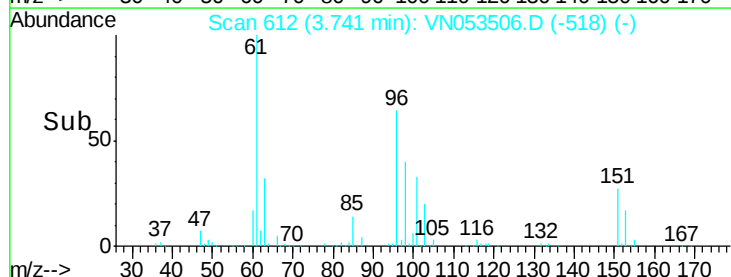
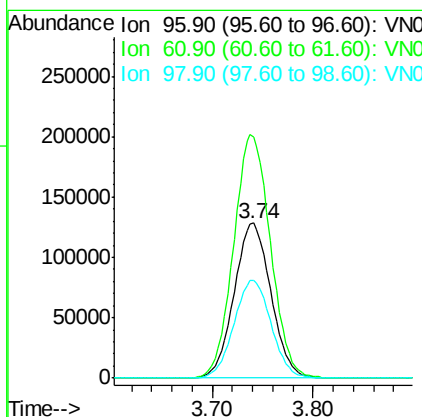
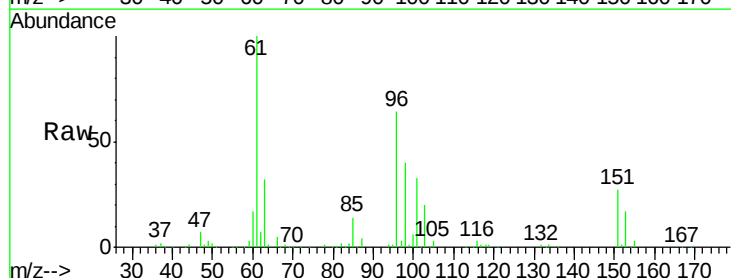
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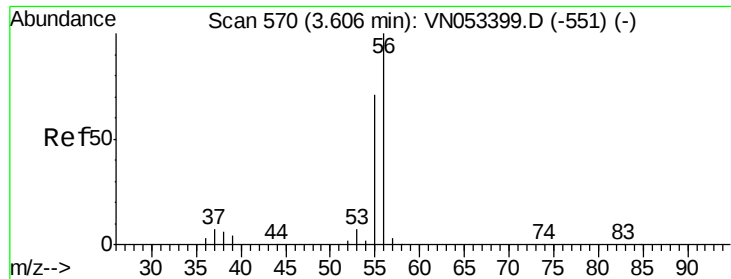
MMDadoda
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#12
1,1-Dichloroethene
Concen: 47.770 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.1	122.9	184.3
98	63.2	49.4	74.0





#13

Acrolein

Concen: 216.200 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN053506.D

Acq: 21 Jan 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 153275

Ion Ratio Lower Upper

56 100

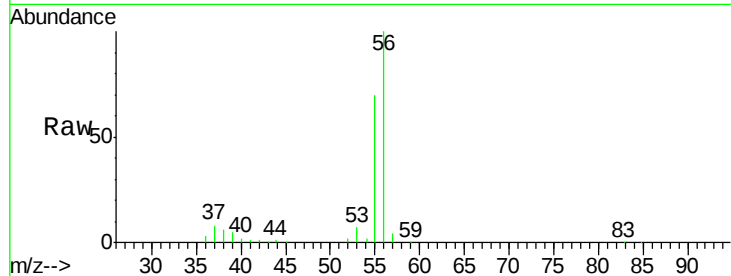
55 70.1 57.4 86.0

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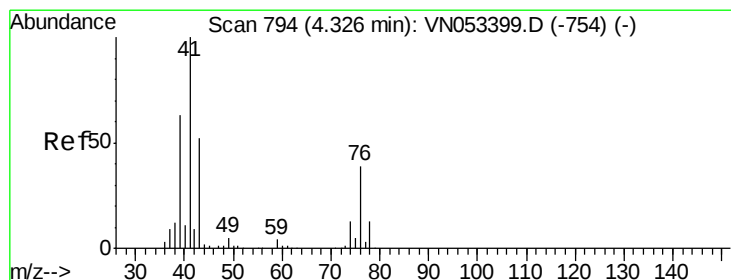
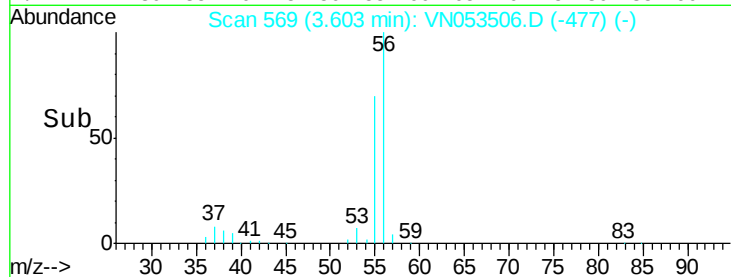
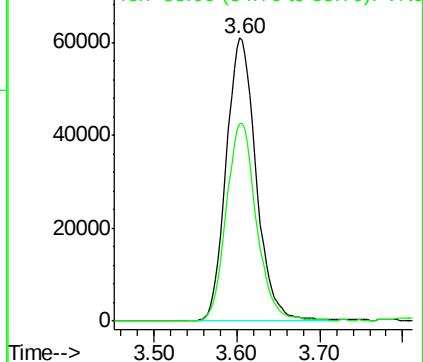
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 49.286 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN053506.D

Acq: 21 Jan 2019 15:13

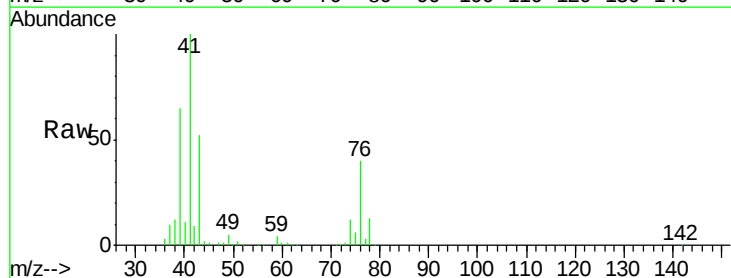
Tgt Ion: 41 Resp: 543929

Ion Ratio Lower Upper

41 100

39 61.5 48.9 73.3

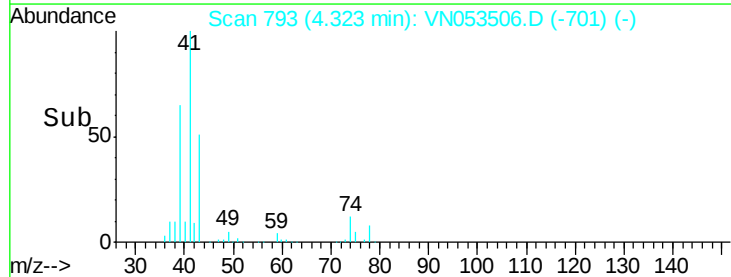
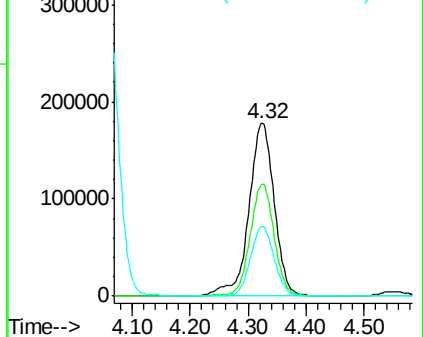
76 37.0 29.4 44.2



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 224.389 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN053506.D

Acq: 21 Jan 2019 15:13

Instrument :

MSVOA_N

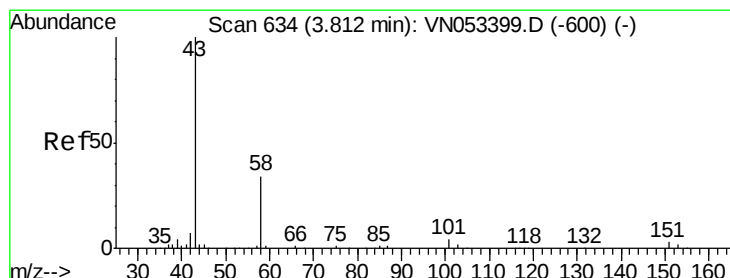
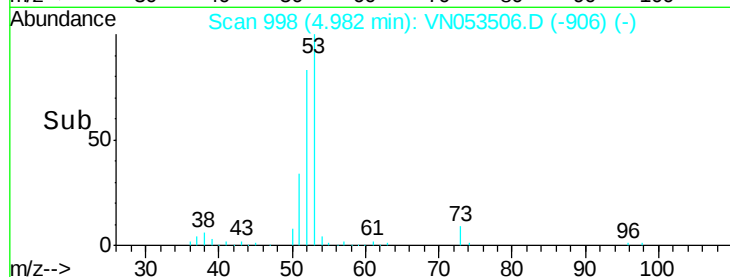
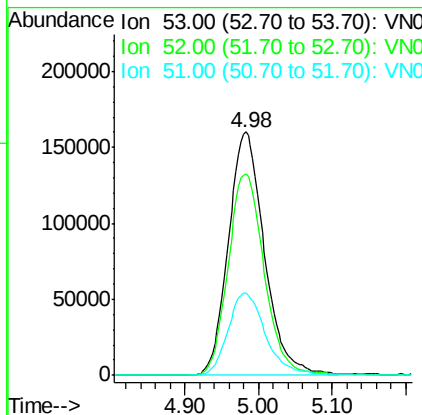
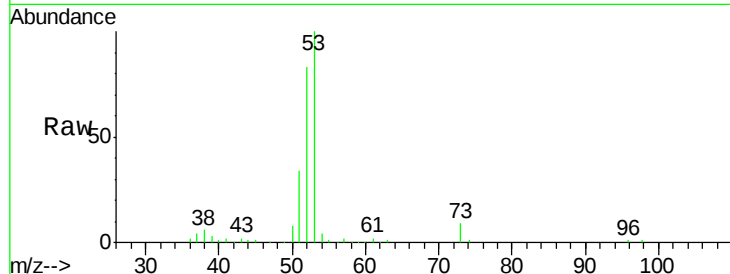
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	545047
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.0	99.0
51	35.3	28.3	42.5

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#16

Acetone

Concen: 237.471 ug/l

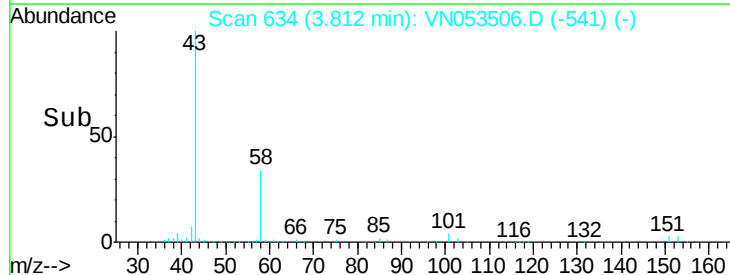
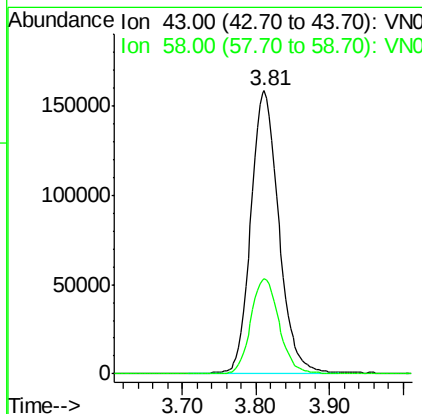
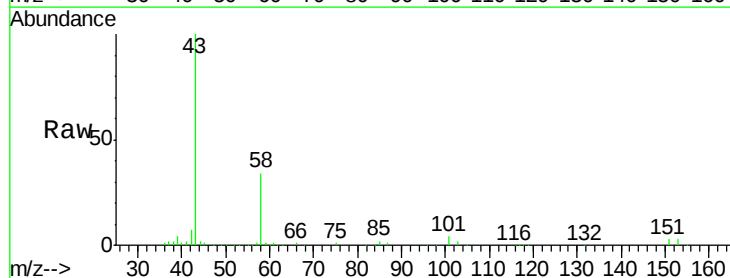
RT: 3.81 min Scan# 634

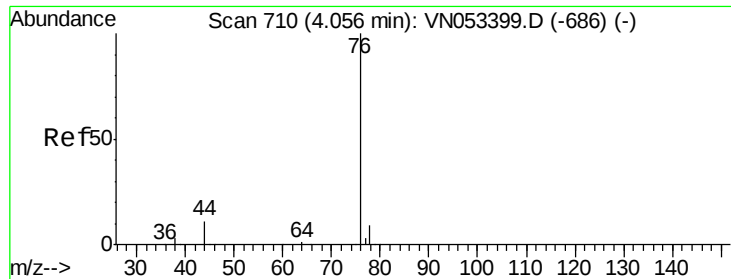
Delta R.T. -0.00 min

Lab File: VN053506.D

Acq: 21 Jan 2019 15:13

Tgt Ion:	43	Resp:	420255
Ion Ratio	Lower	Upper	
43	100		
58	33.6	27.1	40.7





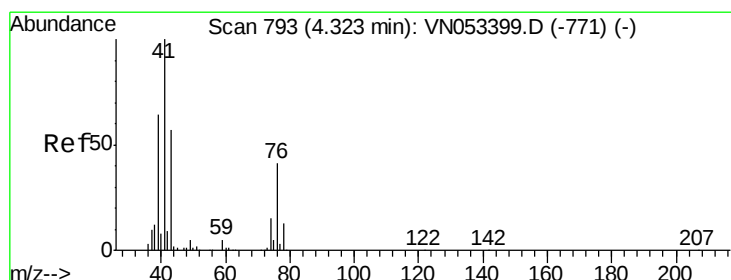
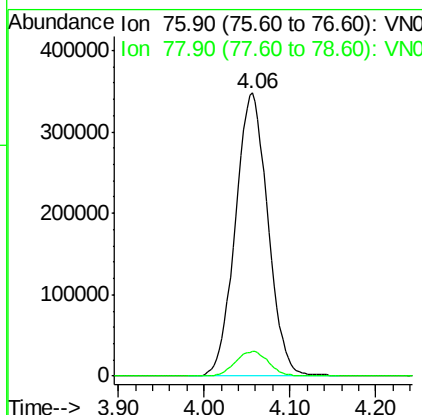
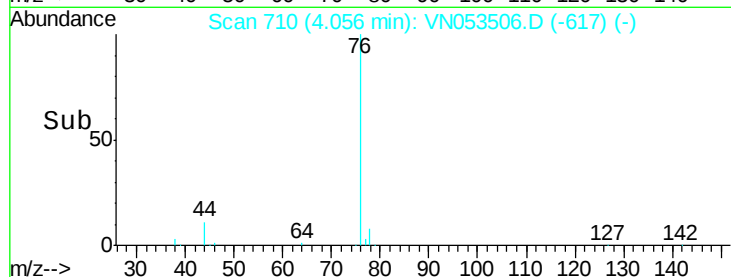
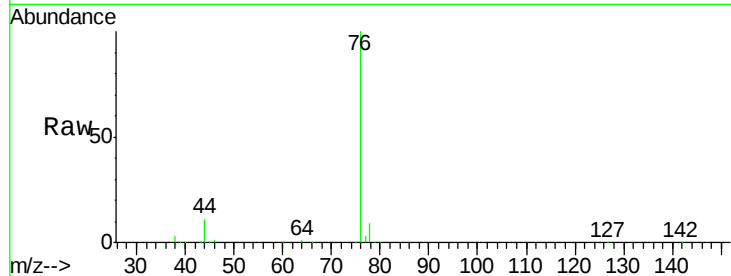
#17
Carbon Disulfide
Concen: 44.414 ug/l
RT: 4.06 min Scan# 710
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

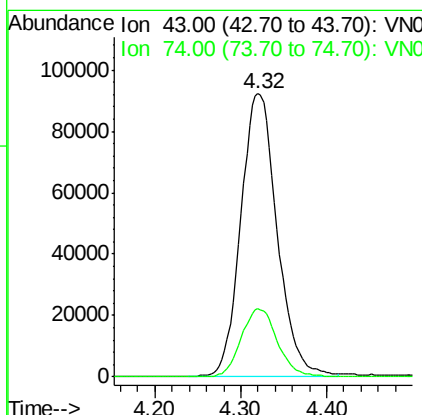
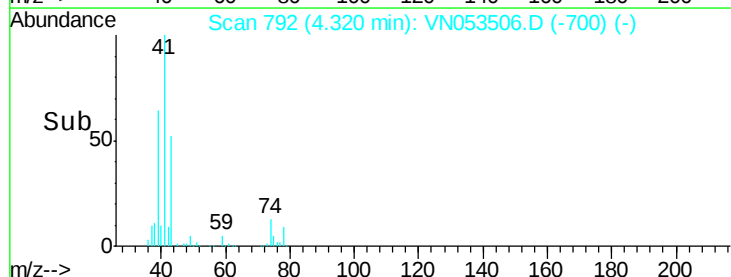
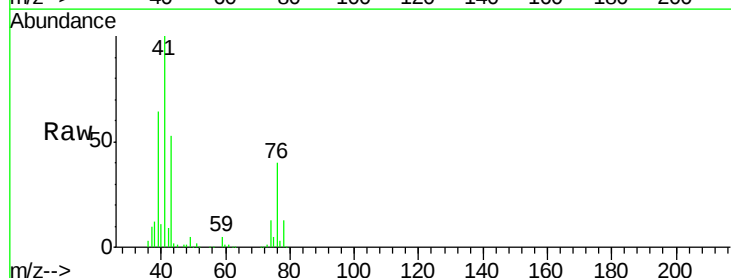
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#18
Methyl Acetate
Concen: 45.611 ug/l
RT: 4.32 min Scan# 792
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.4	29.2





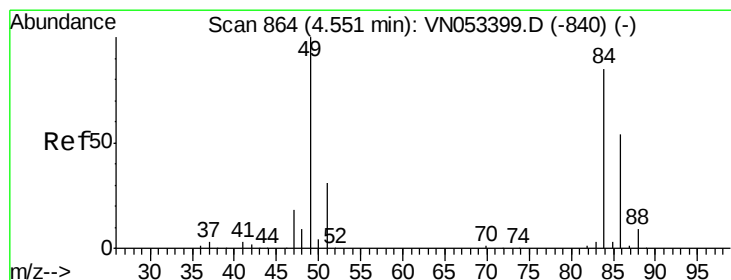
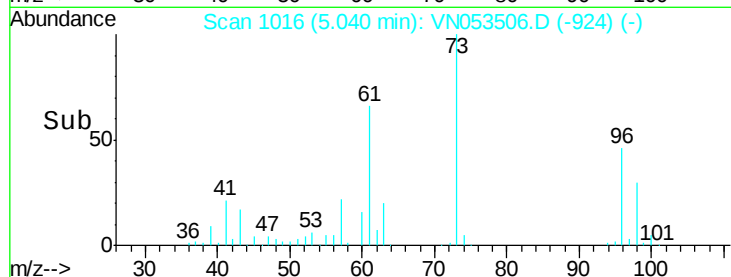
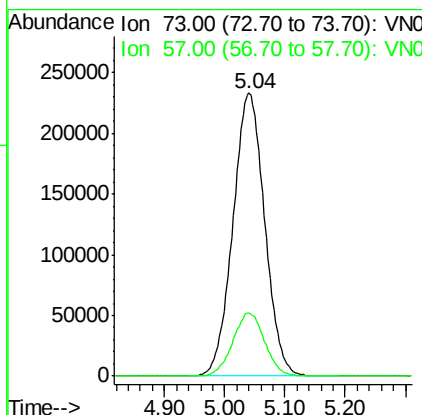
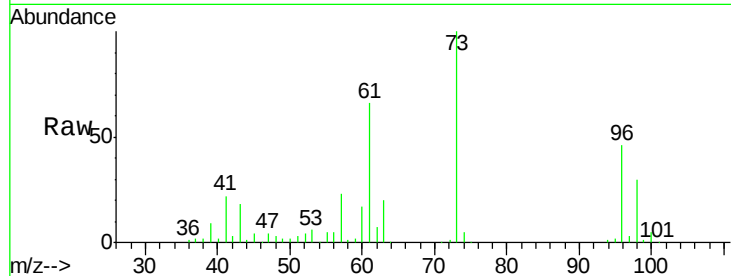
#19
Methvl tert-butvl Ether
Concen: 47.523 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 857932
Ion Ratio Lower Upper
73 100
57 22.6 18.3 27.5

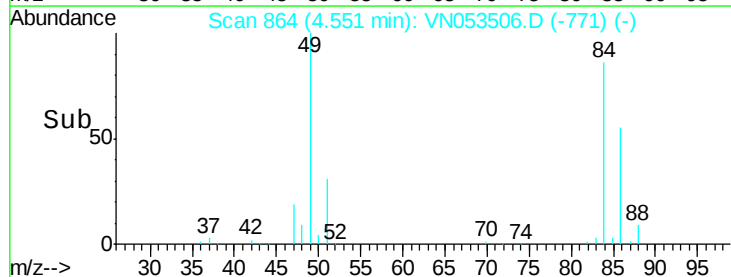
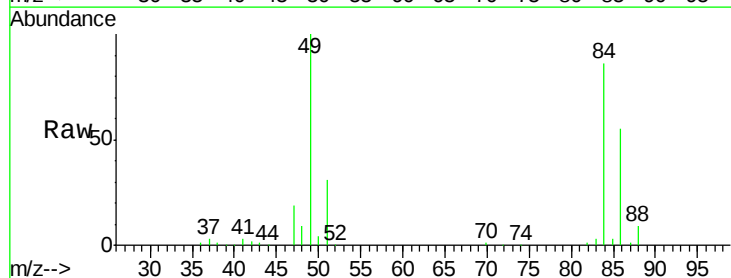
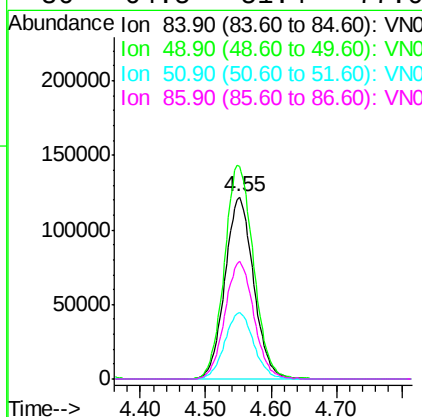
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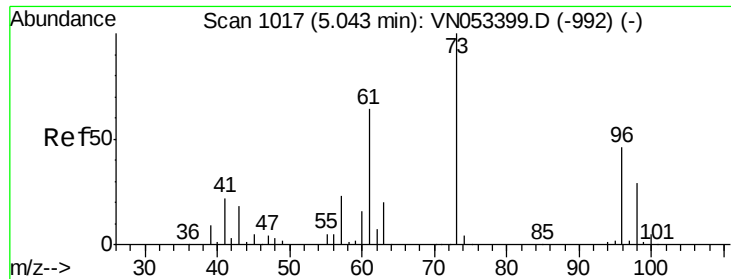
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#20
Methylene Chloride
Concen: 45.939 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Tgt Ion: 84 Resp: 371171
Ion Ratio Lower Upper
84 100
49 116.8 94.3 141.5
51 36.3 29.4 44.2
86 64.5 51.4 77.0





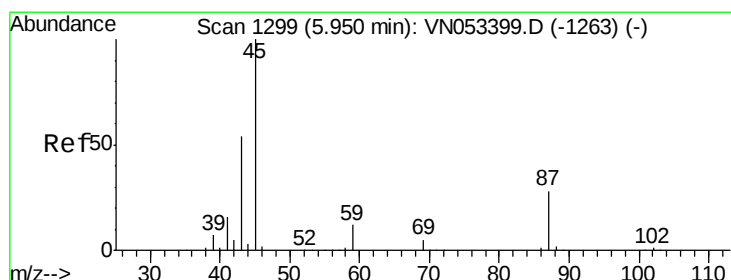
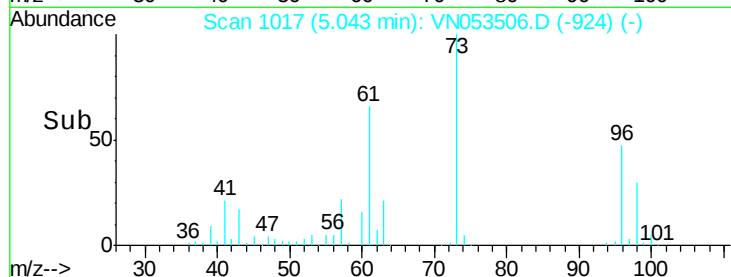
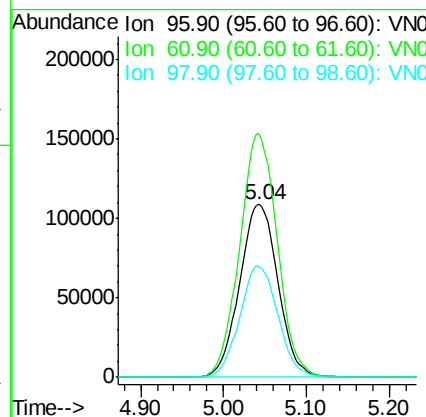
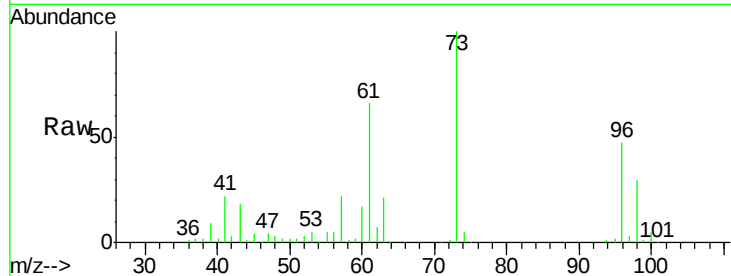
#21
trans-1,2-Dichloroethene
Concen: 48.203 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.6	110.1	165.1
98	64.1	50.0	75.0

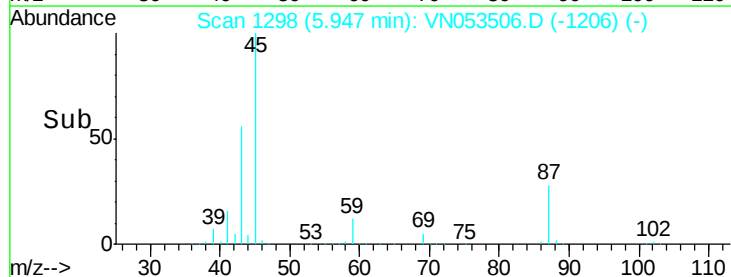
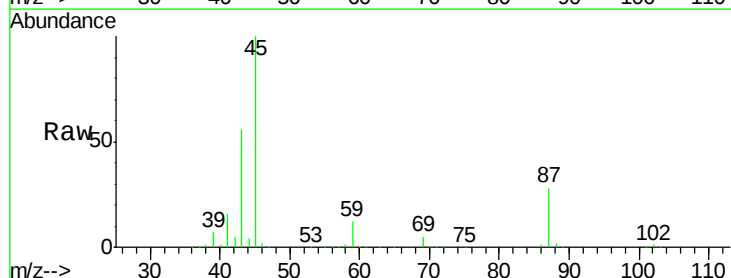
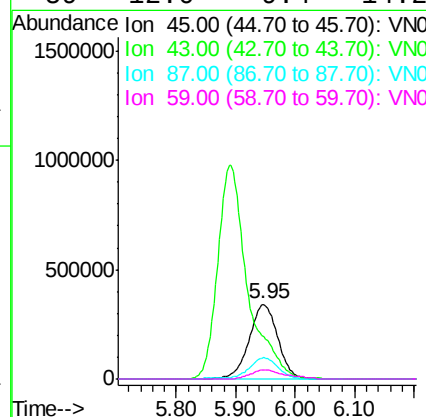
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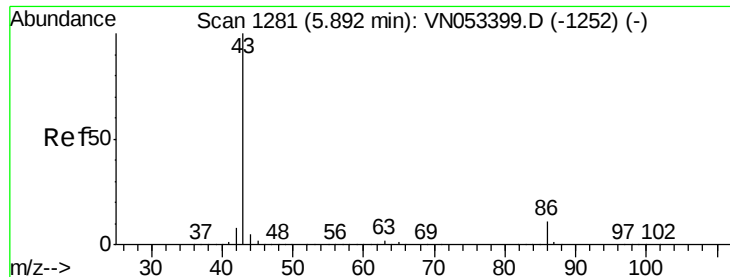
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#22
Diisopropyl ether
Concen: 49.546 ug/l
RT: 5.95 min Scan# 1298
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.5	44.2	66.4
87	28.3	22.7	34.1
59	12.0	9.4	14.2





#23

Vinyl Acetate

Concen: 241.100 ug/l

RT: 5.89 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VN053506.D

Acq: 21 Jan 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3414584

Ion Ratio Lower Upper

43 100

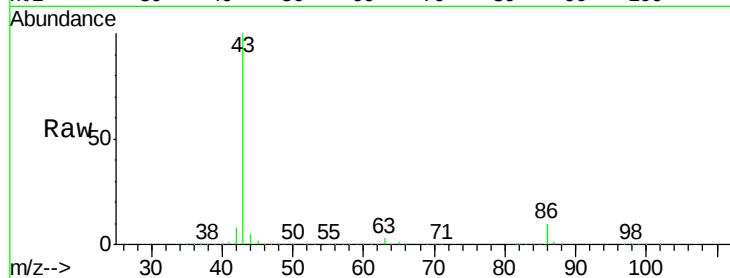
86 10.5 8.4 12.6

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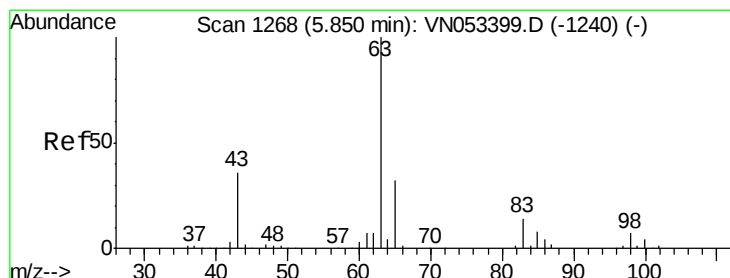
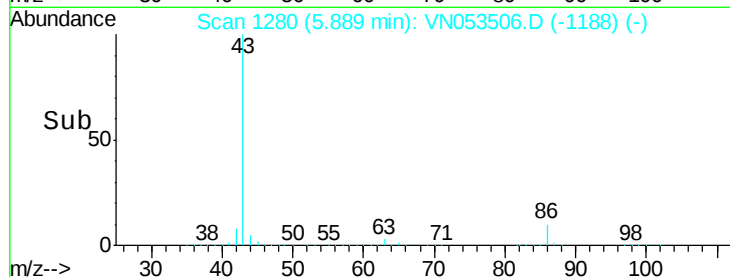
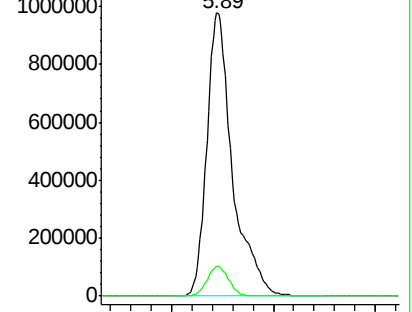
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-1252) (-)

Ion 86.00 (85.70 to 86.70): VN053399.D (-1252) (-)



#24

1,1-Dichloroethane

Concen: 48.953 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN053506.D

Acq: 21 Jan 2019 15:13

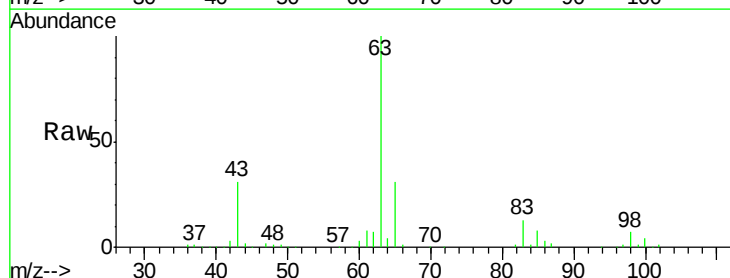
Tgt Ion: 63 Resp: 666741

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.9

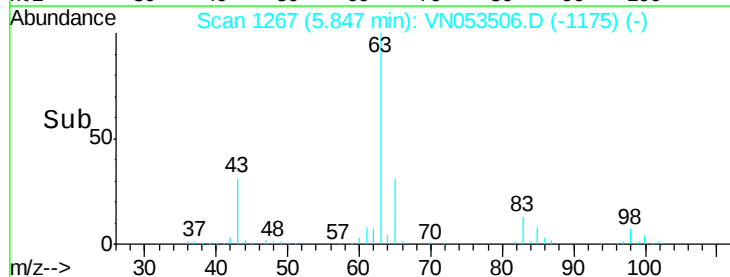
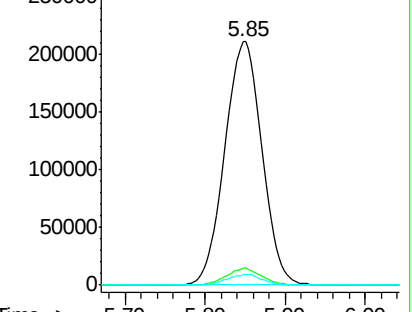
100 4.2 2.1 6.5

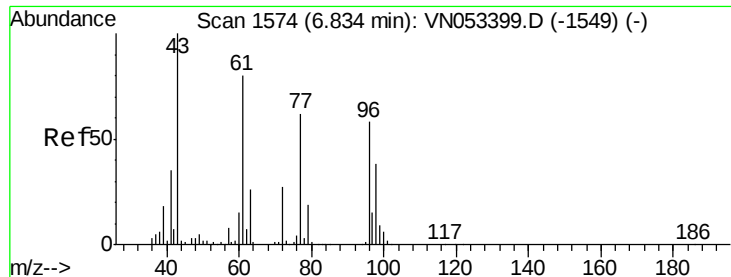


Abundance Ion 62.90 (62.60 to 63.60): VN053399.D (-1240) (-)

Ion 97.90 (97.60 to 98.60): VN053399.D (-1240) (-)

Ion 99.90 (99.60 to 100.60): VN053399.D (-1240) (-)





#25

2-Butanone

Concen: 223.844 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.01 min

Lab File: VN053506.D

Acq: 21 Jan 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 610454

Ion Ratio Lower Upper

43 100

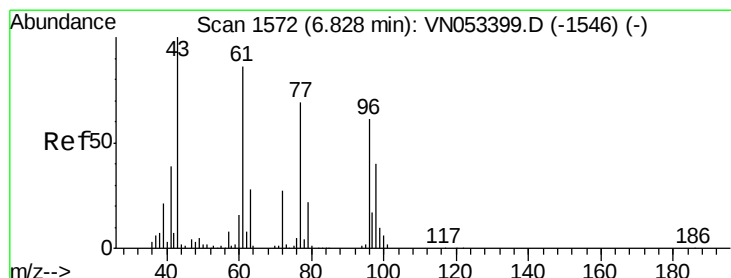
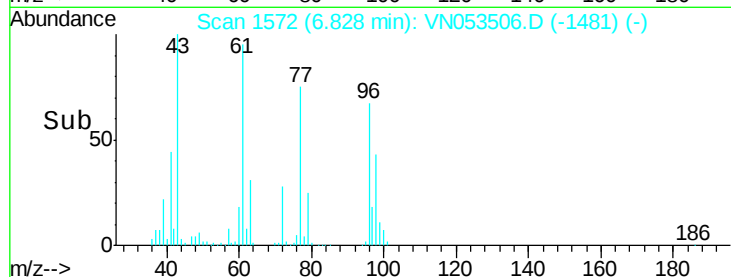
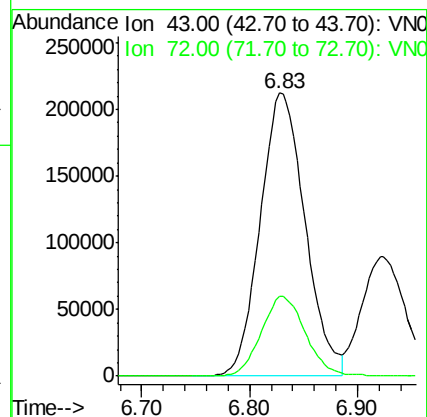
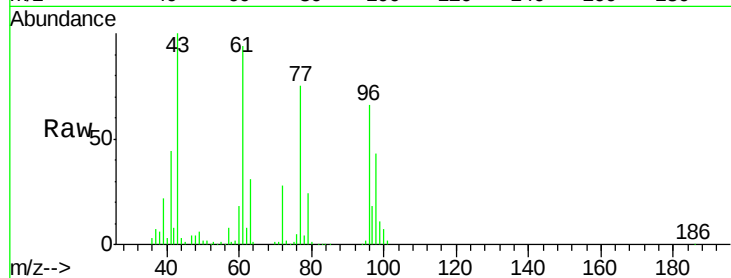
72 28.2 22.0 33.0

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#26

2,2-Dichloropropane

Concen: 49.509 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN053506.D

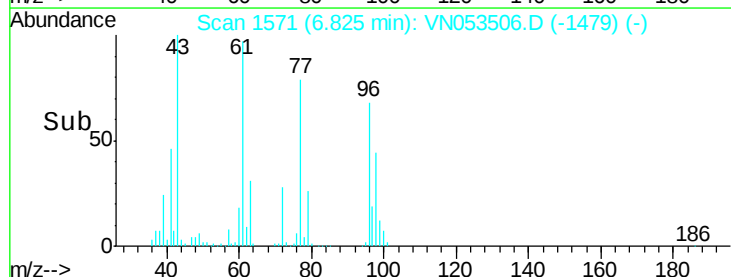
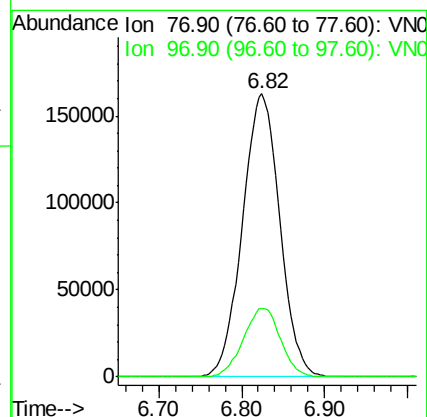
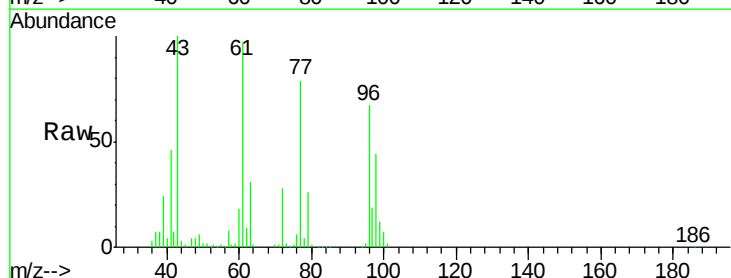
Acq: 21 Jan 2019 15:13

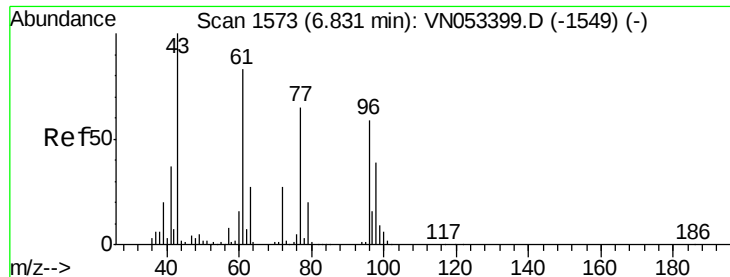
Tgt Ion: 77 Resp: 509120

Ion Ratio Lower Upper

77 100

97 24.1 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 49.127 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN053506.D

Acq: 21 Jan 2019 15:13

Instrument :

MSVOA_N

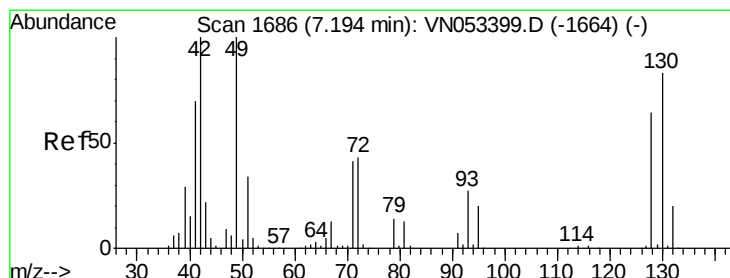
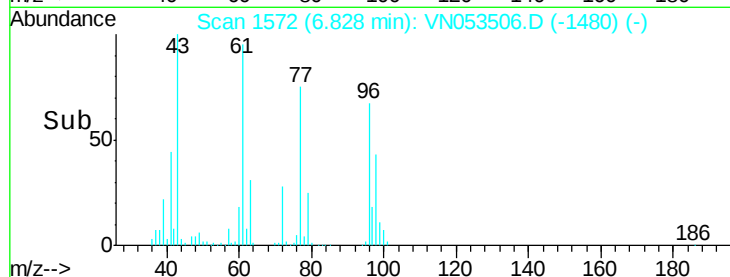
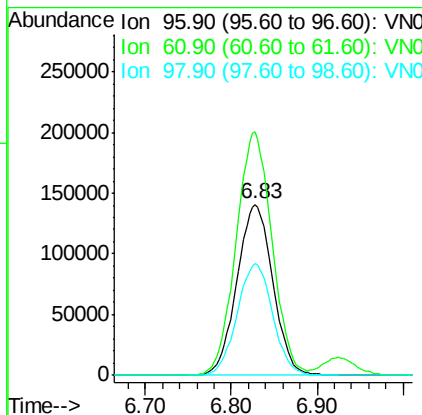
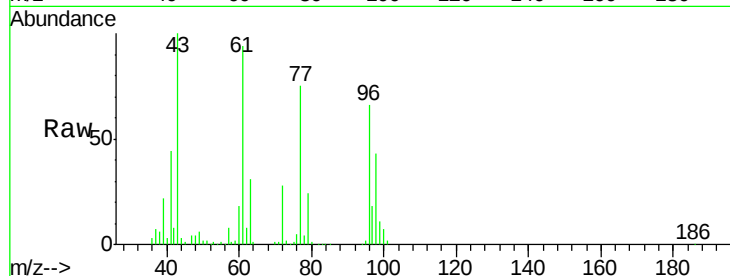
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	408074
Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	283.8
98	64.8	0.0	129.2

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#28

Bromochloromethane

Concen: 48.137 ug/l

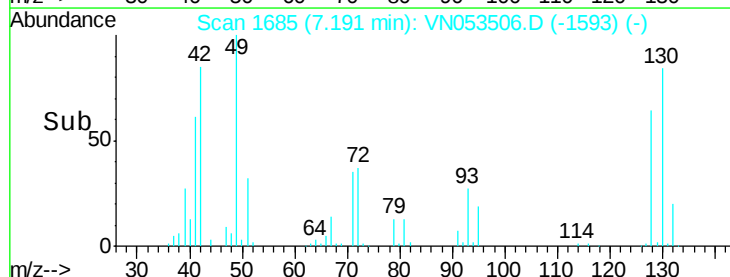
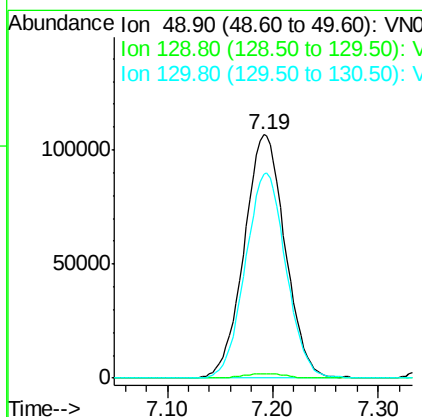
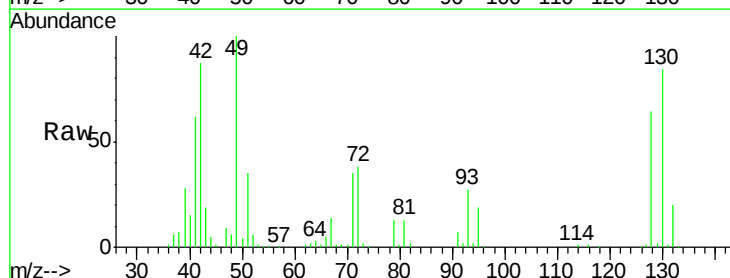
RT: 7.19 min Scan# 1685

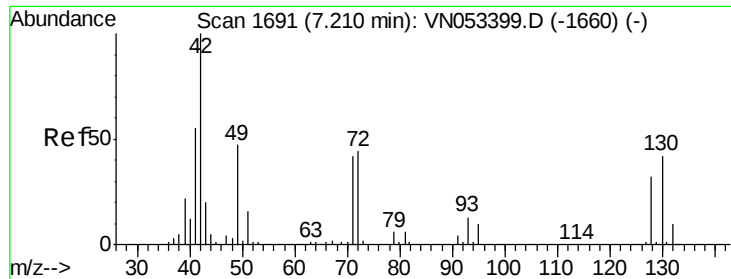
Delta R.T. -0.00 min

Lab File: VN053506.D

Acq: 21 Jan 2019 15:13

Tgt Ion:	49	Resp:	288827
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	83.5	66.3	99.5





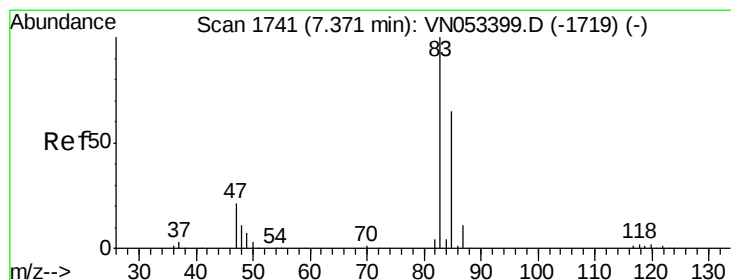
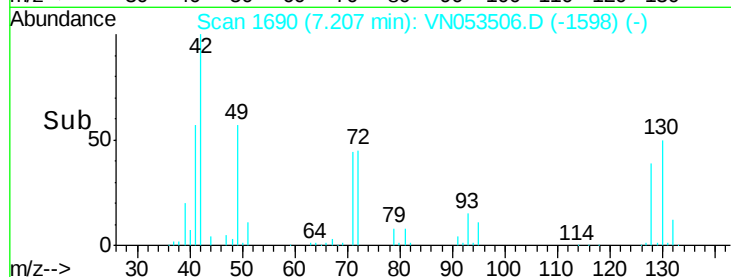
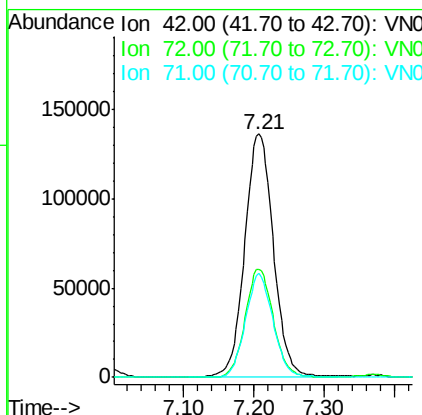
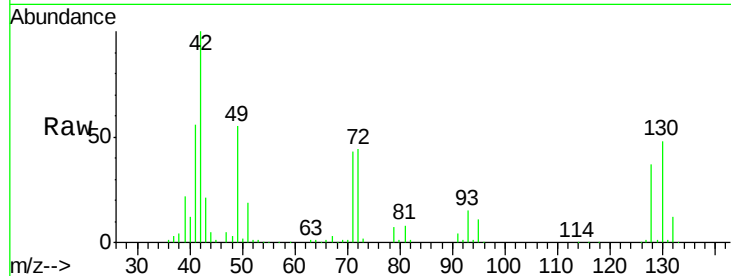
#29
Tetrahydrofuran
Concen: 216.898 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	35.2	52.8
71	40.9	33.0	49.4

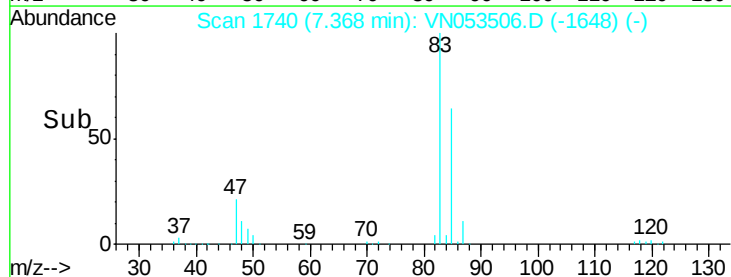
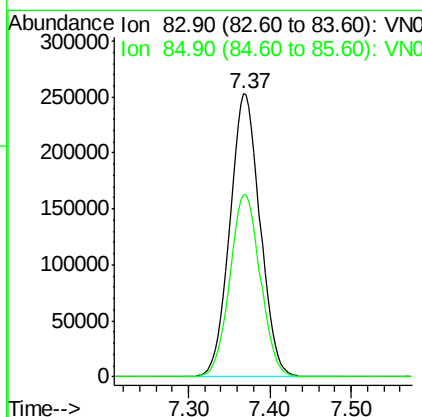
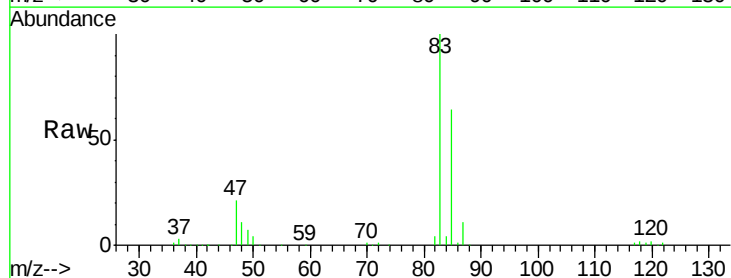
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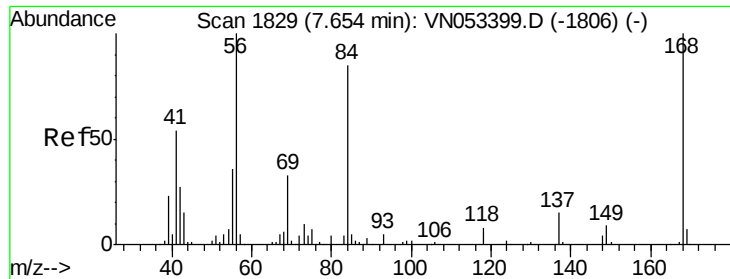
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#30
Chloroform
Concen: 49.268 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.2	78.2





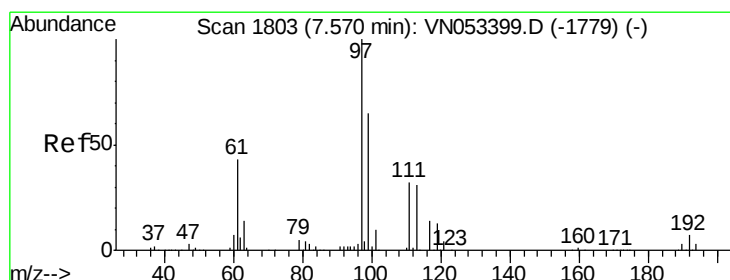
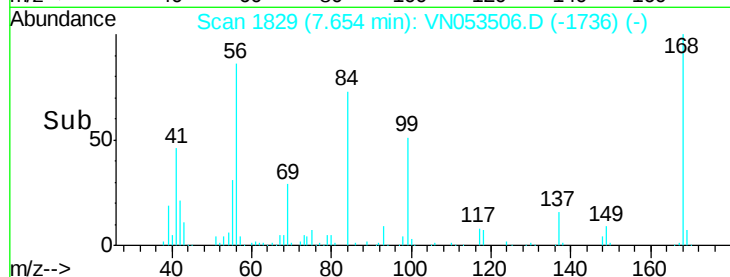
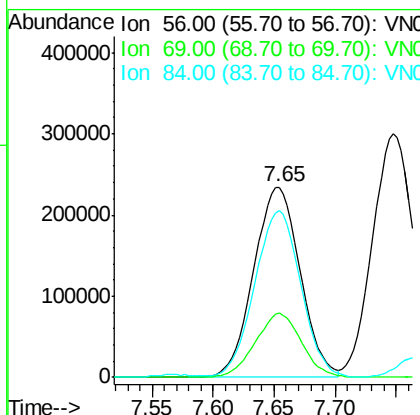
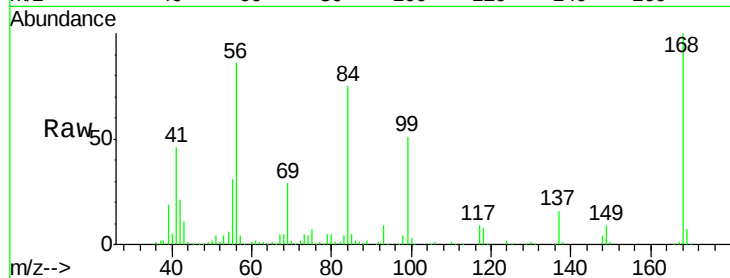
#31
Cyclohexane
Concen: 46.877 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.6	26.4	39.6
84	86.8	67.9	101.9

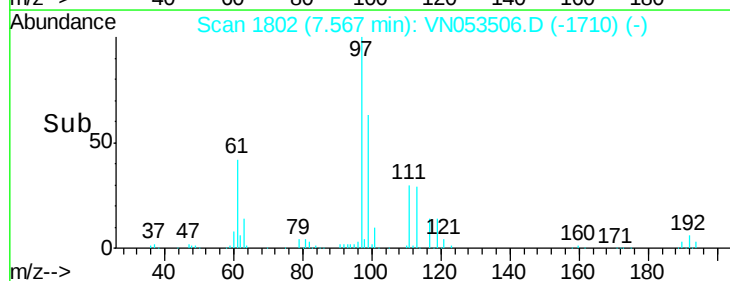
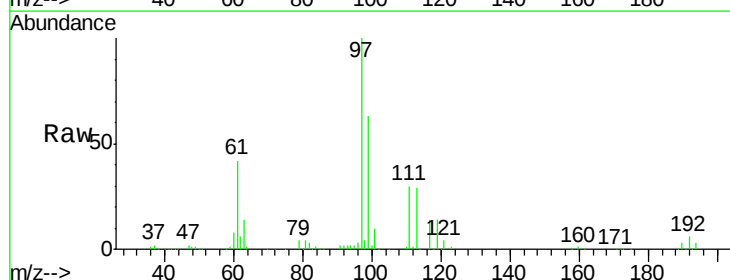
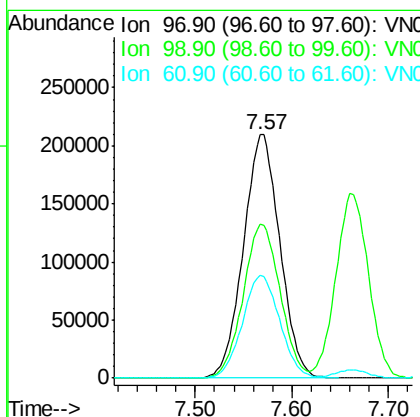
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1/22/2019 9:47:46 AM



#32
1,1,1-Trichloroethane
Concen: 48.850 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.0	78.0
61	43.1	34.4	51.6





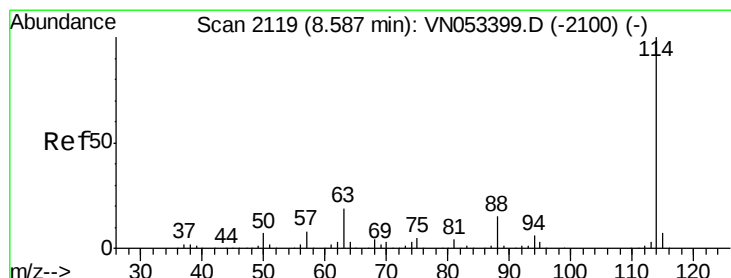
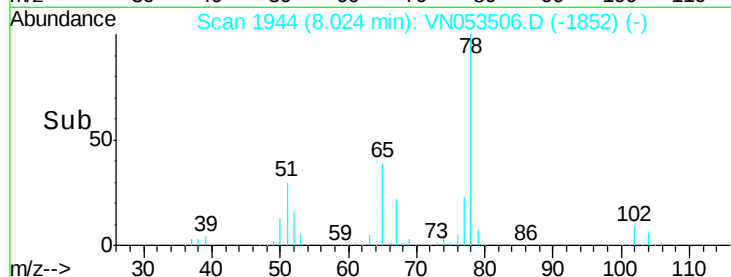
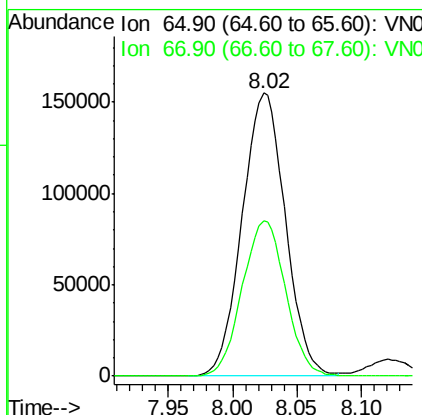
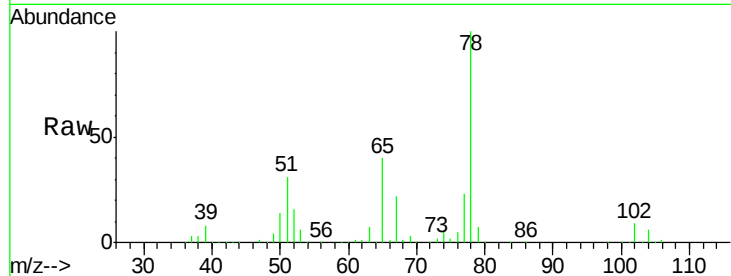
#33
 1,2-Dichloroethane-d4
 Concen: 48.850 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN053506.D
 Acq: 21 Jan 2019 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 362578
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 111.2

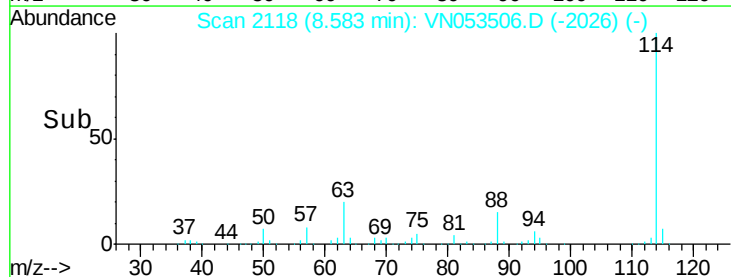
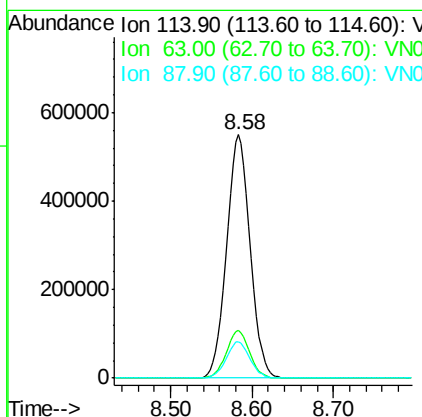
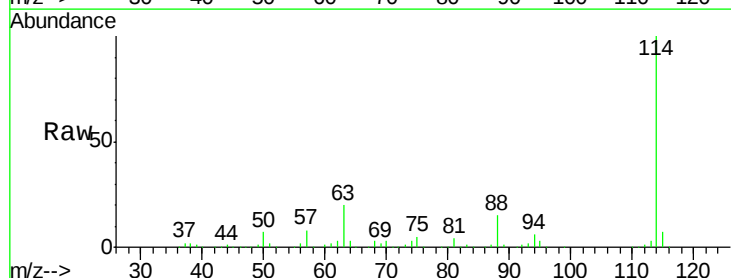
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN053506.D
 Acq: 21 Jan 2019 15:13

Tgt Ion:114 Resp: 1116365
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.1 0.0 30.4





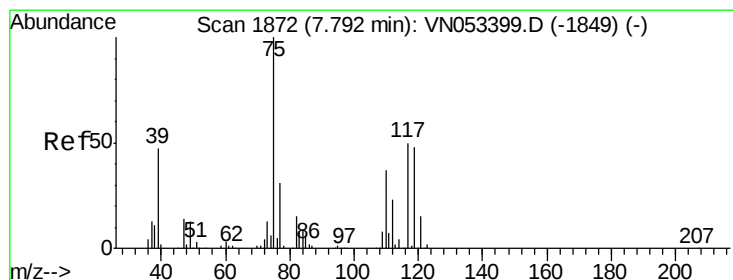
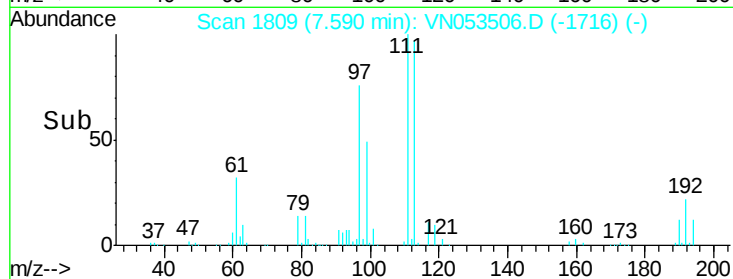
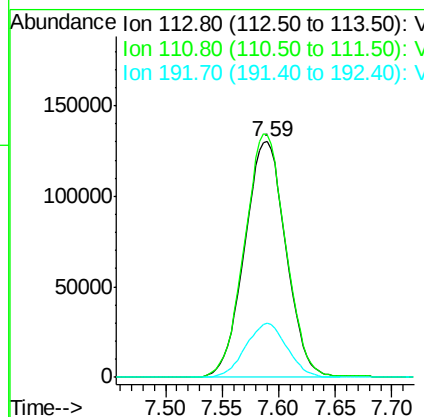
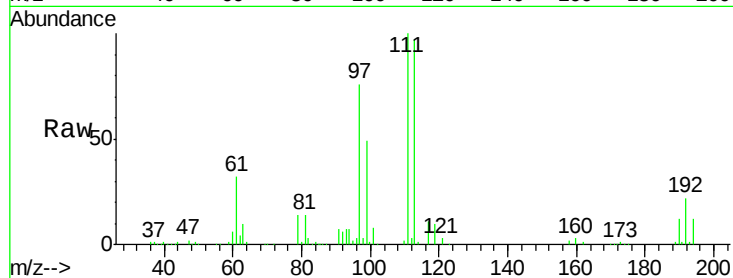
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053506.D
 Acq: 21 Jan 2019 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	331346		
111	103.0	81.1	121.7	
192	22.8	18.2	27.2	

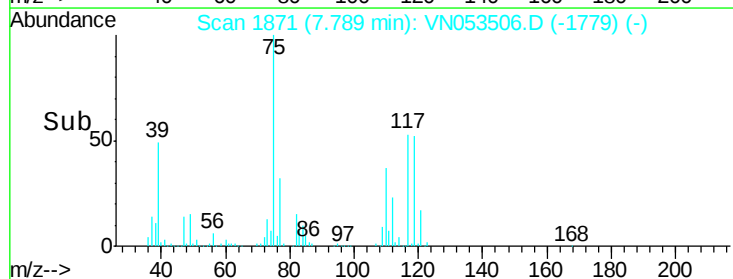
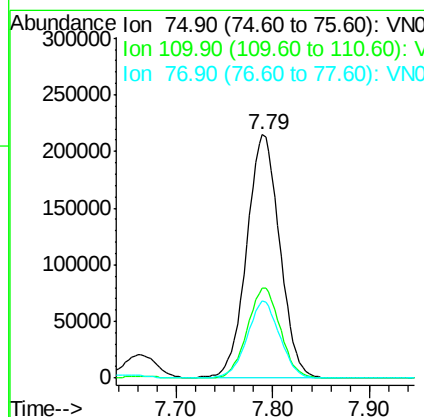
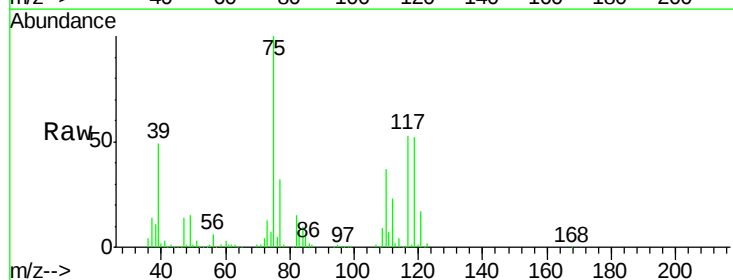
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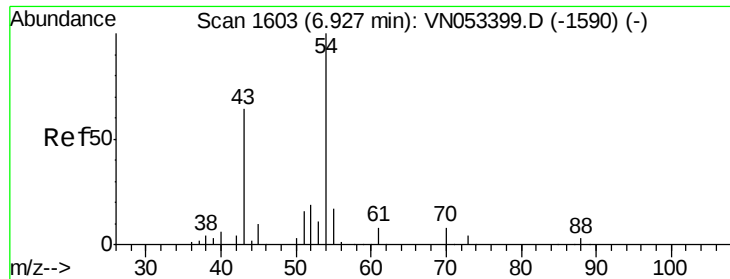
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#36
 1,1-Dichloropropene
 Concen: 49.942 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN053506.D
 Acq: 21 Jan 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	507759		
110	36.9	18.1	54.3	
77	31.5	25.1	37.7	





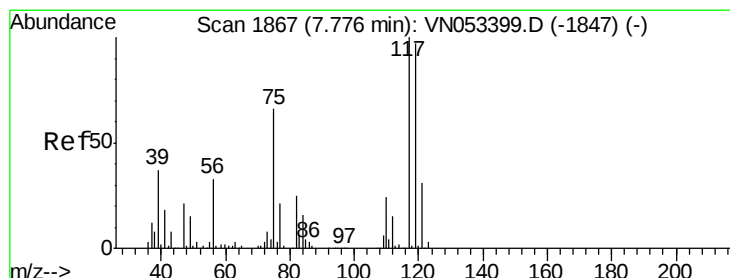
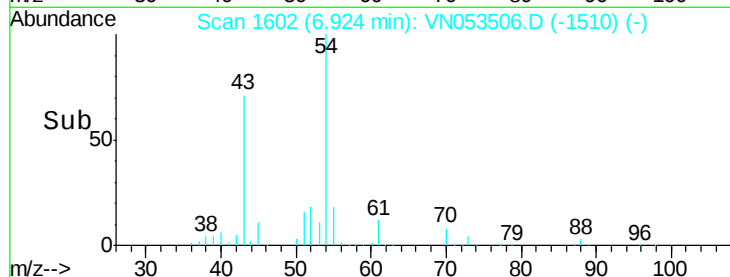
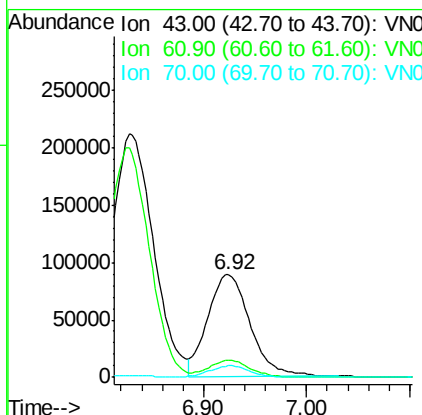
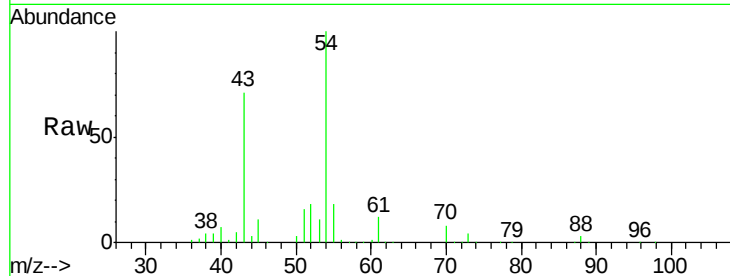
#37
Ethyl Acetate
Concen: 43.366 ug/l
RT: 6.92 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	11.8	17.6
70	11.0	8.6	12.8

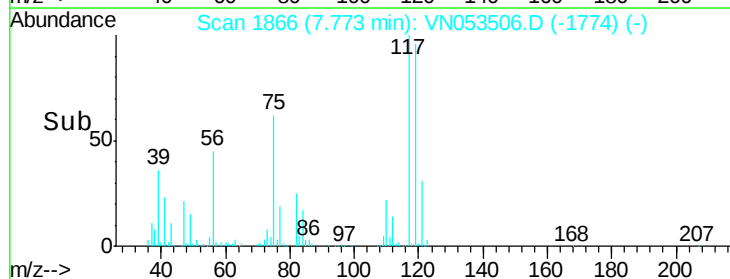
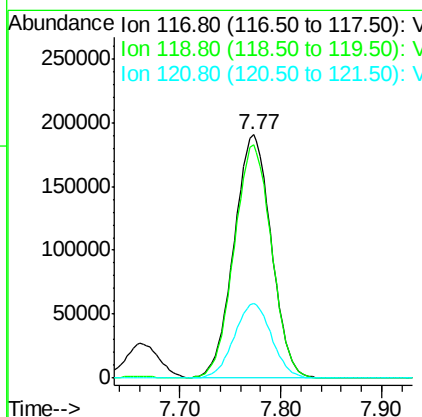
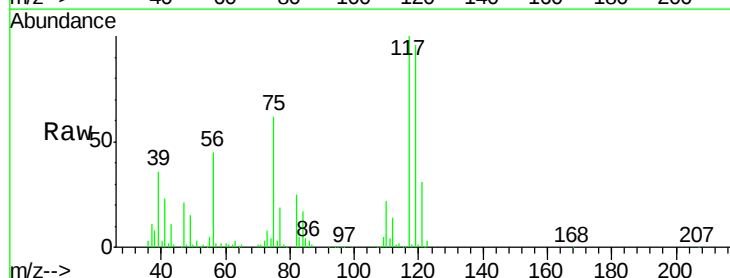
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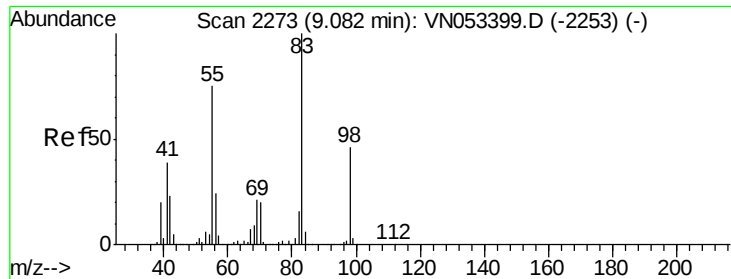
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#38
Carbon Tetrachloride
Concen: 50.547 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.2	115.8
121	30.7	24.6	37.0





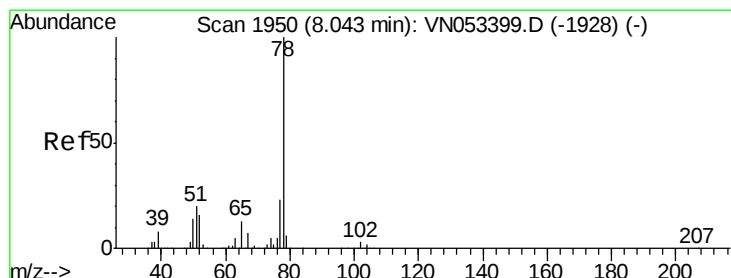
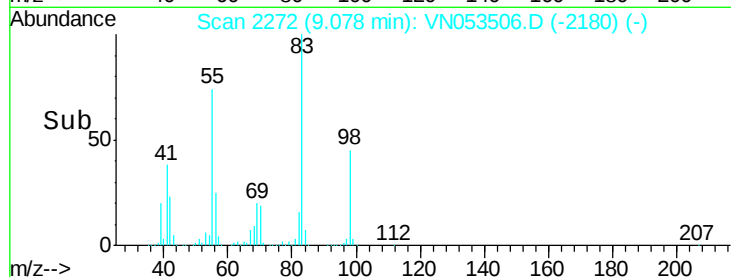
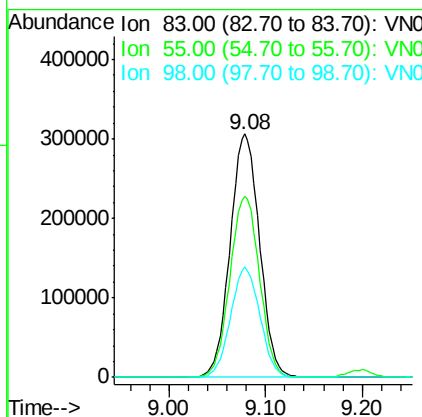
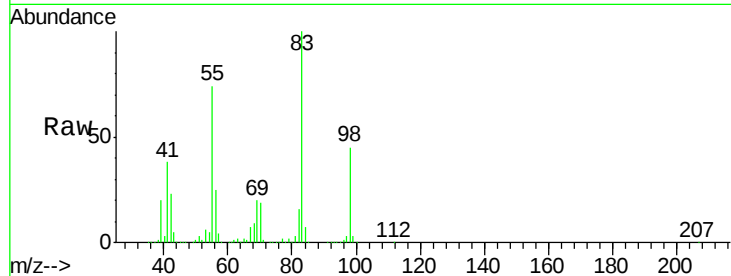
#39
Methvlcvclohexane
Concen: 51.479 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.5	60.1	90.1
98	45.2	36.6	55.0

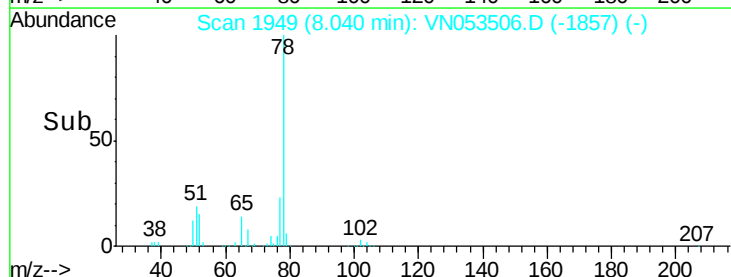
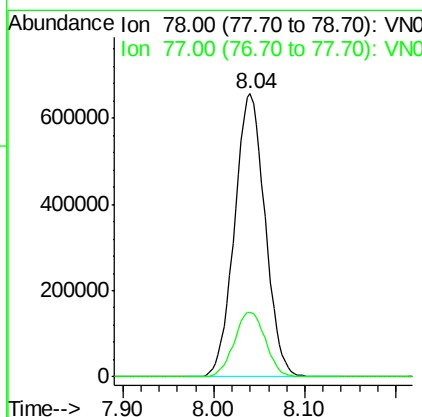
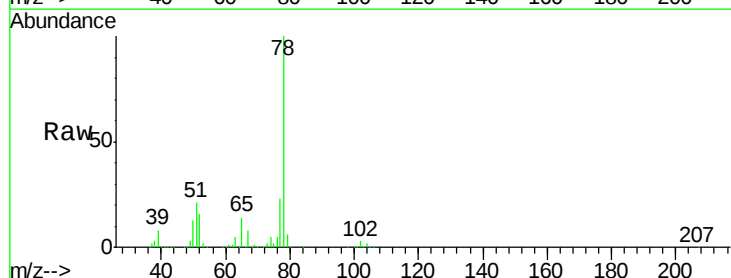
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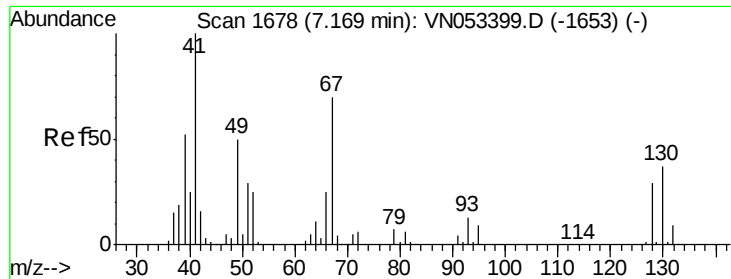
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1/22/2019 9:47:46 AM



#40
Benzene
Concen: 49.460 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.8	28.2





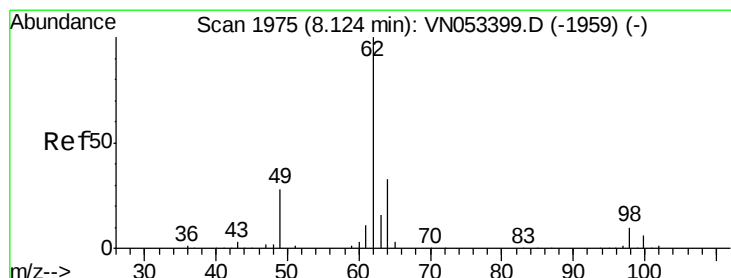
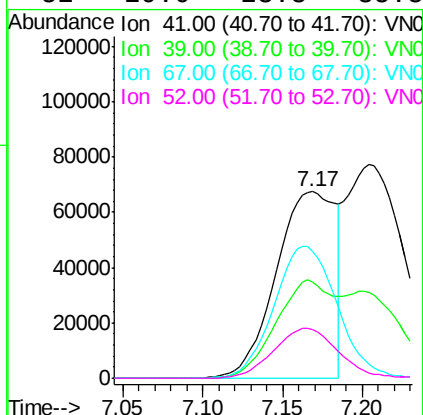
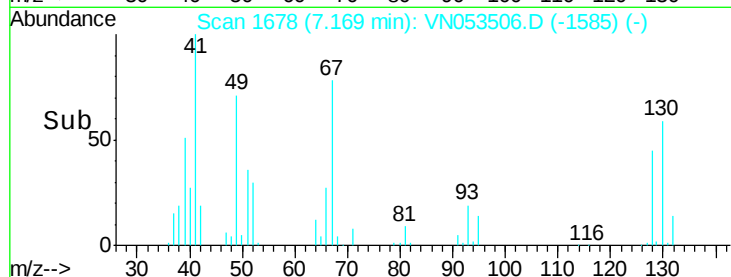
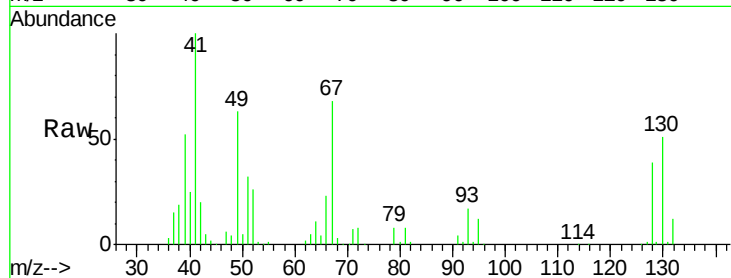
#41
Methacrylonitrile
Concen: 50.181 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	50.8	46.8	70.2	
67	75.4	63.0	94.6	
52	29.0	23.8	35.8	

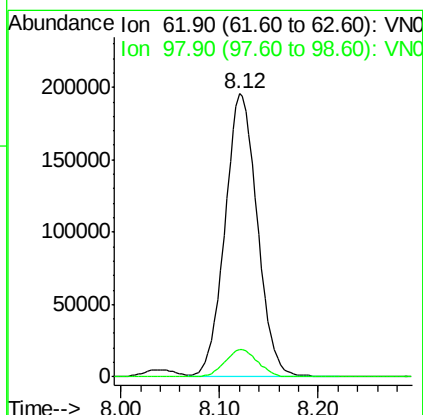
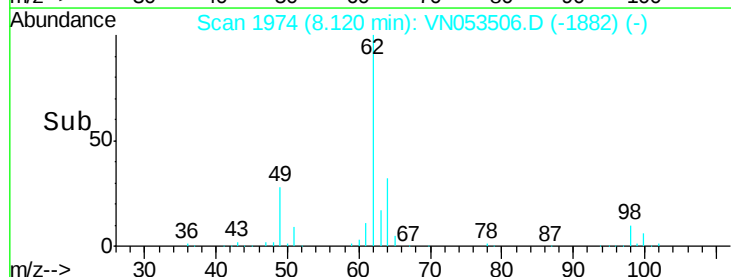
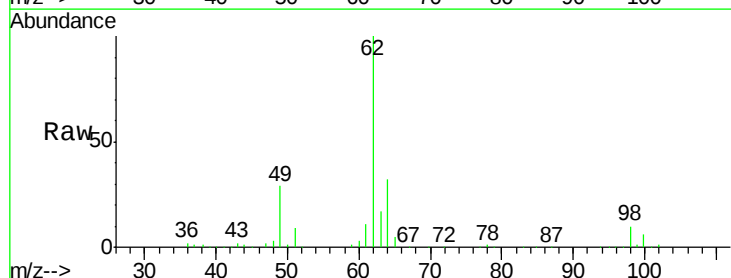
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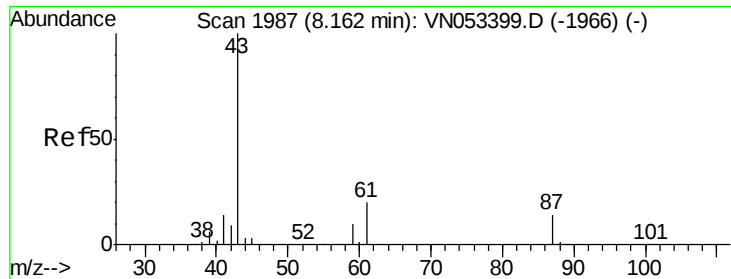
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1/22/2019 9:47:46 AM



#42
1,2-Dichloroethane
Concen: 49.540 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	19.6	





#43

Isopropyl Acetate

Concen: 46.025 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN053506.D

Acq: 21 Jan 2019 15:13

Instrument :

MSVOA_N

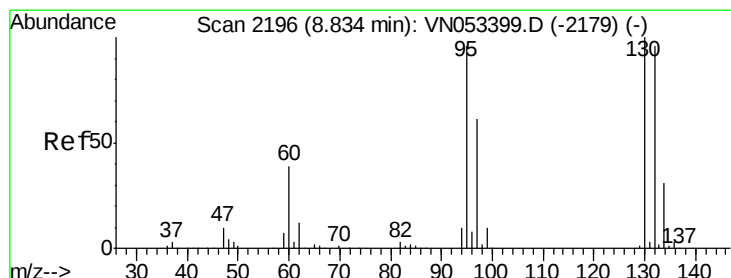
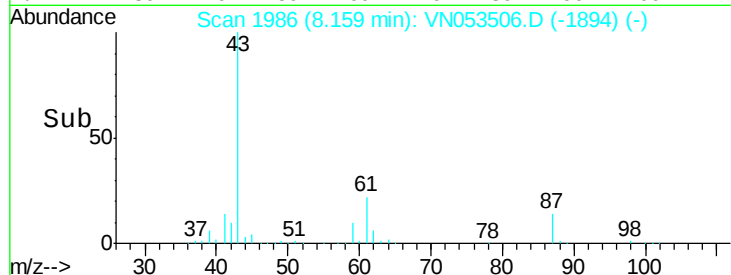
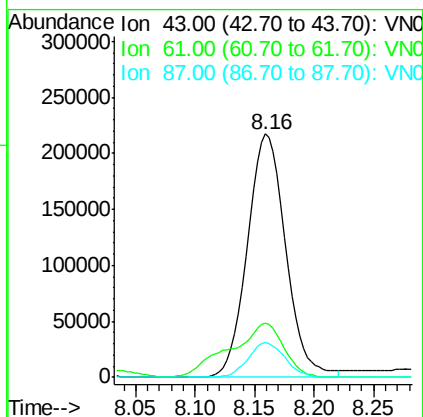
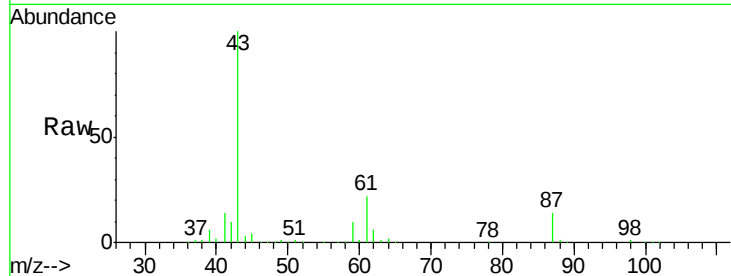
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	484079
Ion	Ratio	Lower	Upper
43	100		
61	31.1	23.9	35.9
87	13.8	11.0	16.6

Manual Integrations
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#44

Trichloroethene

Concen: 50.833 ug/l

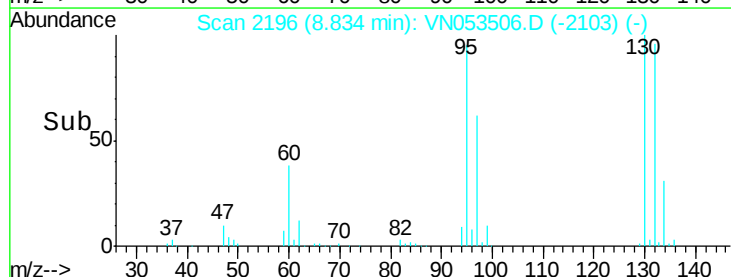
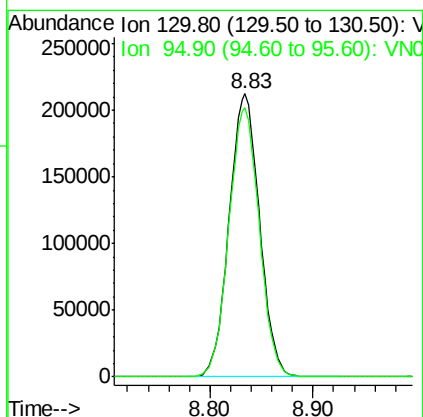
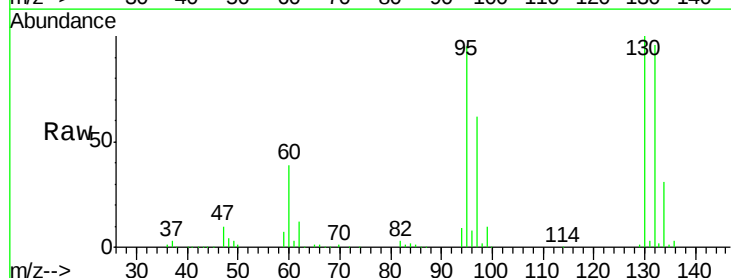
RT: 8.83 min Scan# 2196

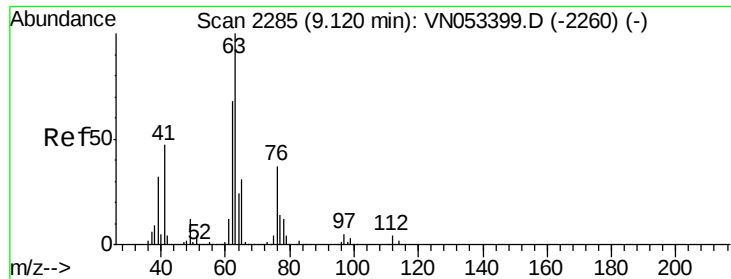
Delta R.T. -0.00 min

Lab File: VN053506.D

Acq: 21 Jan 2019 15:13

Tgt Ion:	130	Resp:	435521
Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	191.4





#45

1,2-Dichloropropane

Concen: 49.687 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN053506.D

Acq: 21 Jan 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 406596

Ion Ratio Lower Upper

63 100

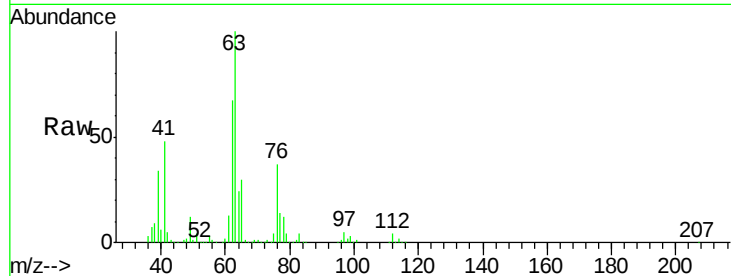
65 30.5 25.0 37.4

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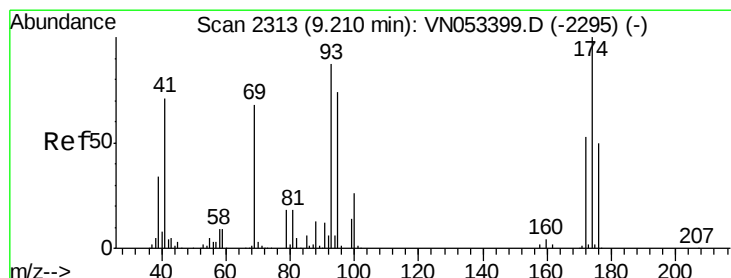
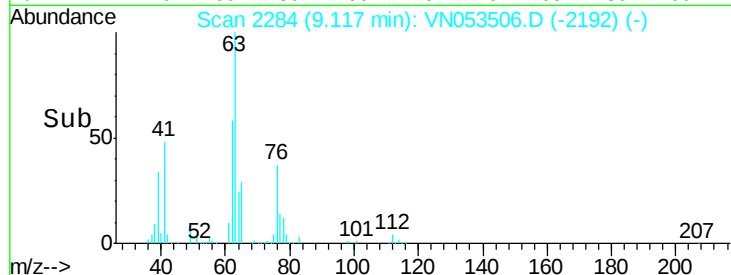
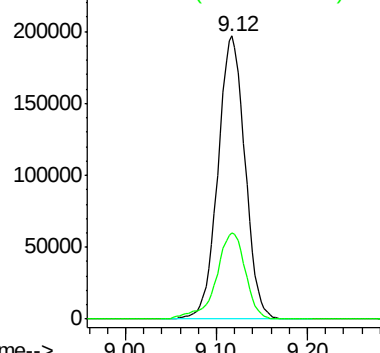
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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 47.656 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN053506.D

Acq: 21 Jan 2019 15:13

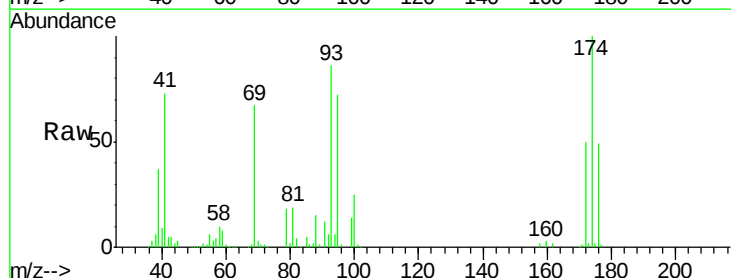
Tgt Ion: 93 Resp: 224059

Ion Ratio Lower Upper

93 100

95 84.1 67.3 100.9

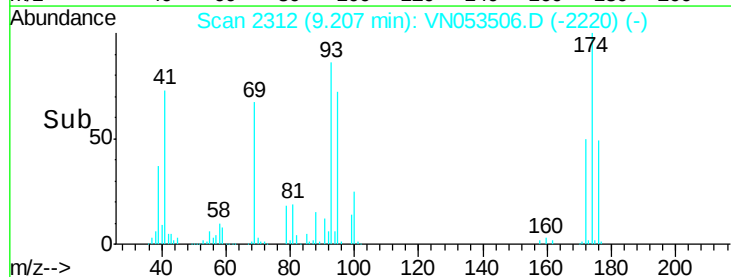
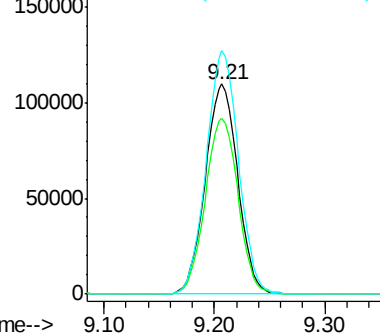
174 115.2 91.0 136.4



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





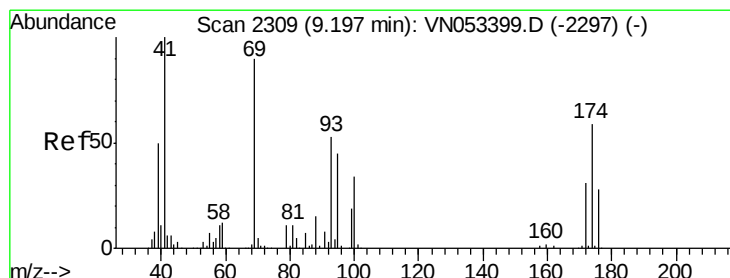
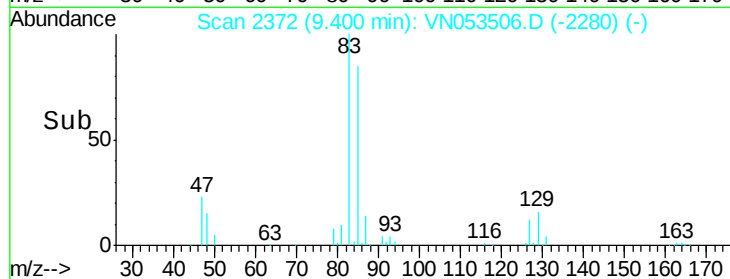
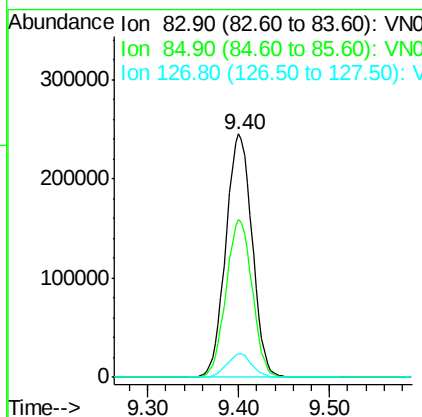
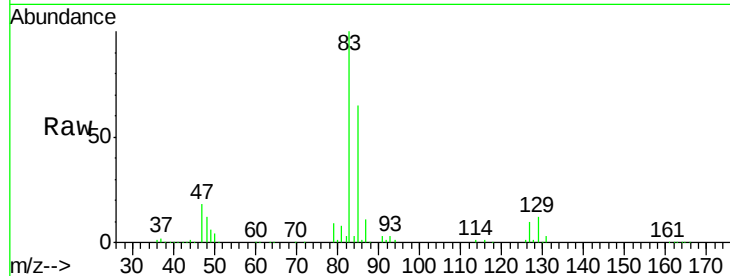
#47
Bromodichloromethane
Concen: 49.857 ug/l
RT: 9.40 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	492956		
85	64.8	51.0	76.6	
127	9.5	7.0	10.6	

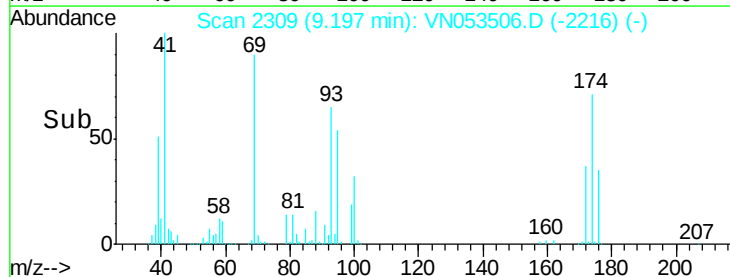
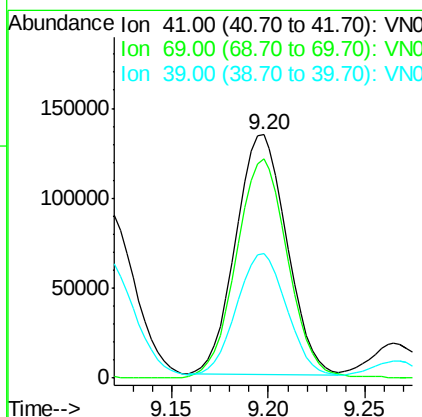
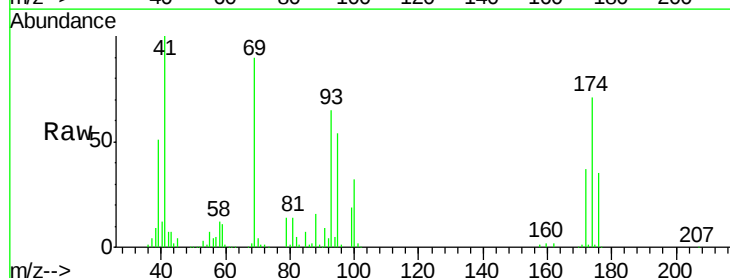
Manual Integrations
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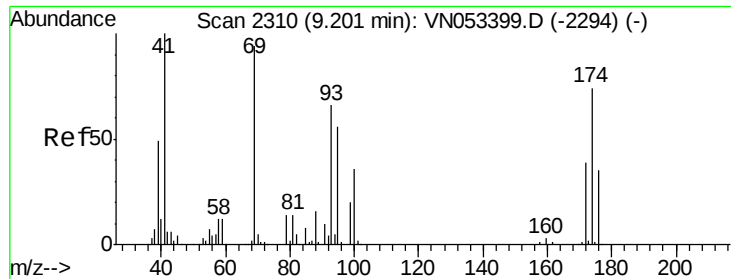
MMDadoda
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#48
Methyl methacrylate
Concen: 45.128 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	245071		
69	92.9	73.8	110.6	
39	52.4	40.0	60.0	





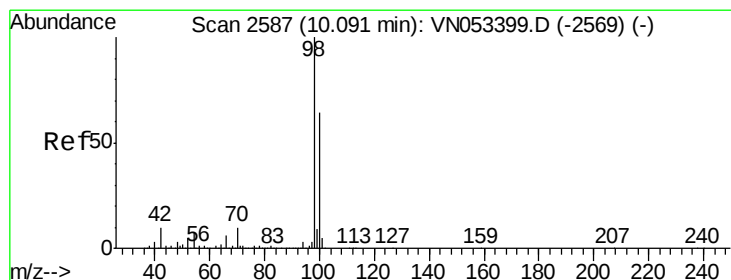
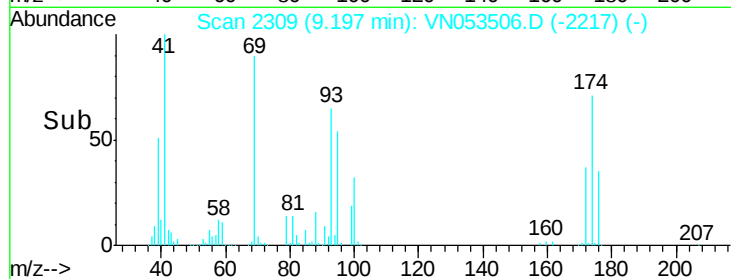
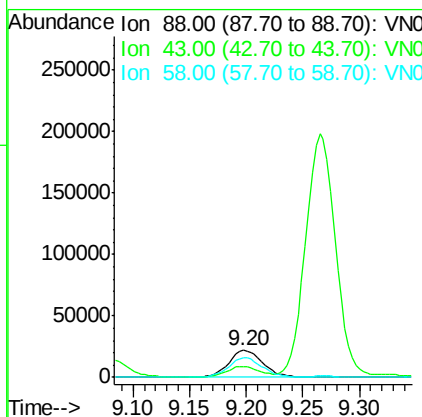
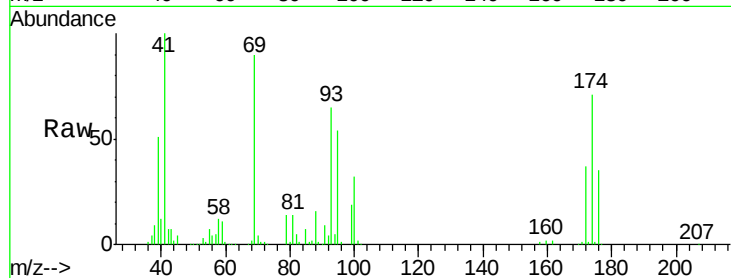
#49
1,4-Dioxane
Concen: 878.100 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	46571
Ion	Ratio	Lower	Upper
88	100		
43	38.2	27.8	41.6
58	71.8	56.5	84.7

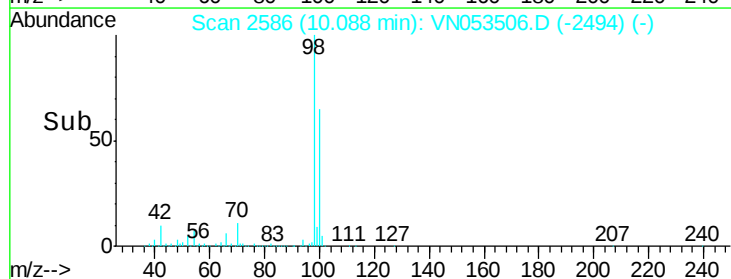
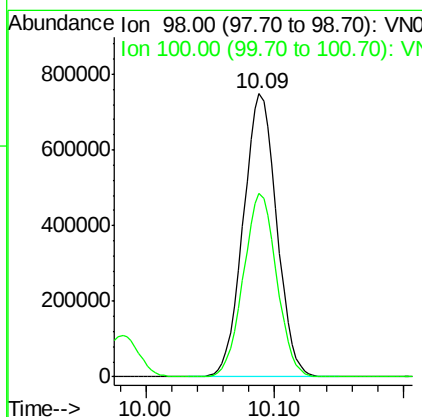
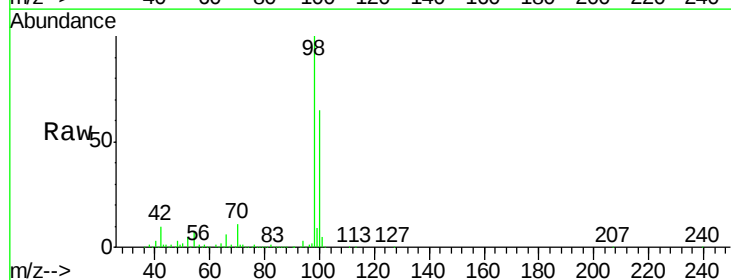
Manual Integrations
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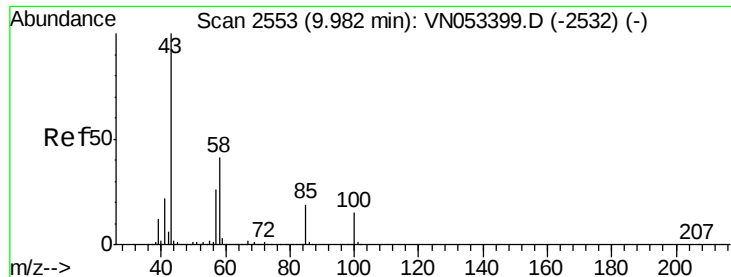
MMDadoda
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#50
Toluene-d8
Concen: 878.100 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Tgt Ion	98	Resp	1351739
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.0





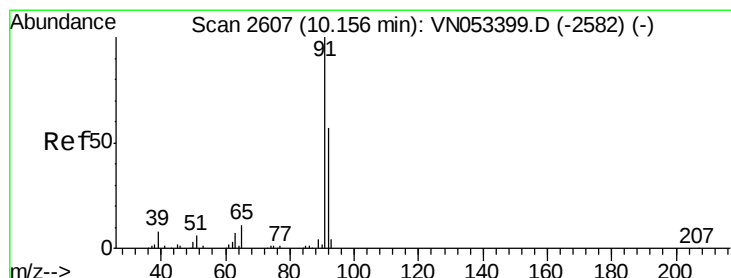
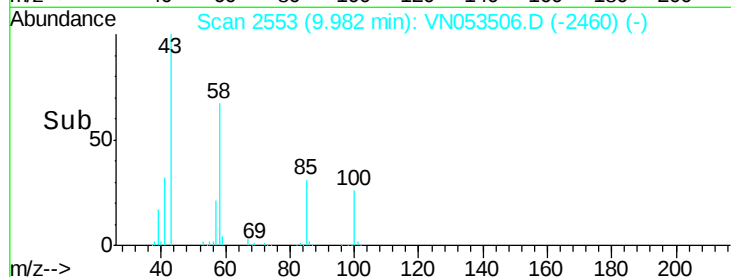
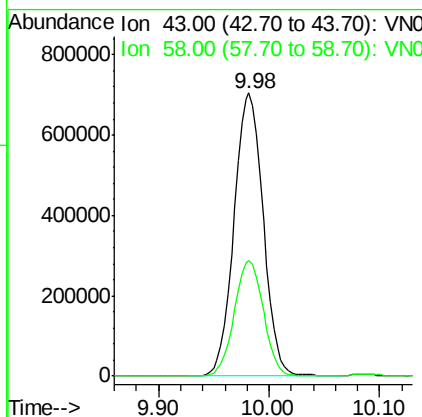
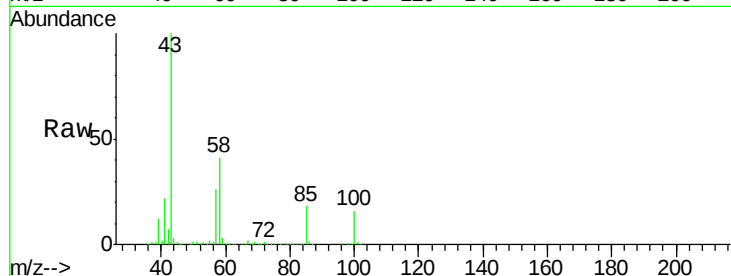
#51
4-Methyl-2-Pentanone
Concen: 224.063 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1286472
Ion Ratio Lower Upper
43 100
58 40.9 32.8 49.2

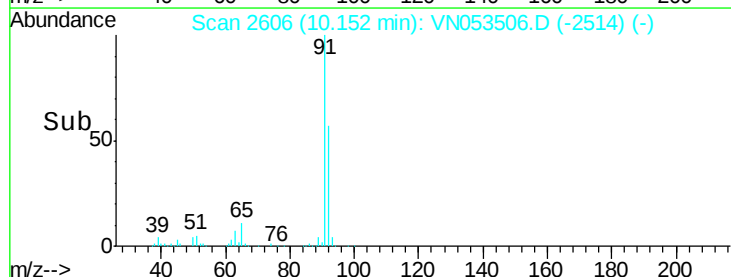
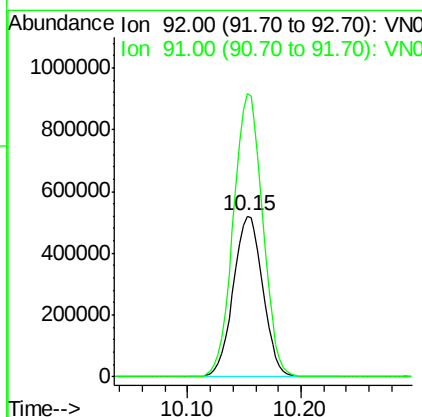
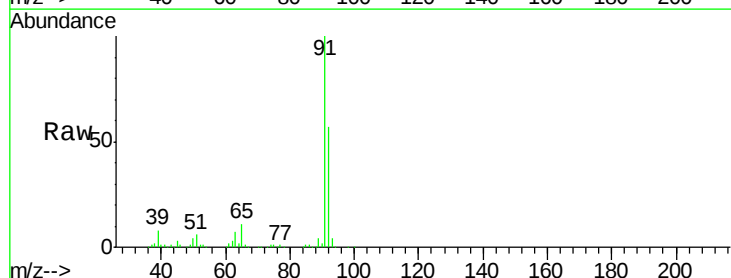
Manual Integrations
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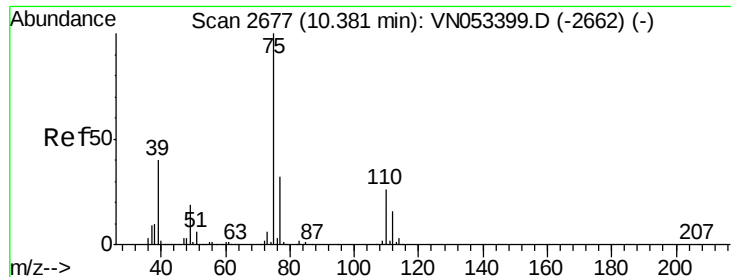
MMDadoda
1/22/2019 9:47:46 AM



#52
Toluene
Concen: 49.258 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Tgt Ion: 92 Resp: 944786
Ion Ratio Lower Upper
92 100
91 175.5 139.9 209.9





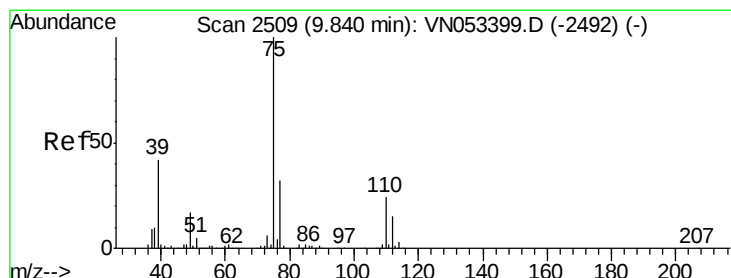
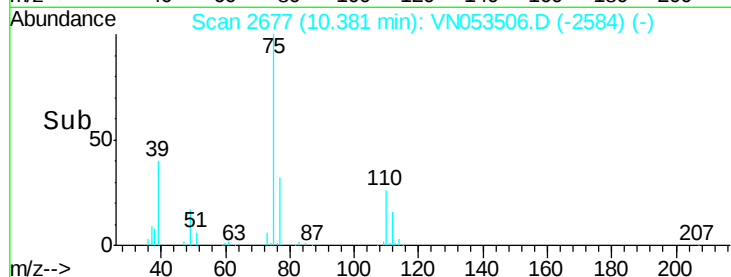
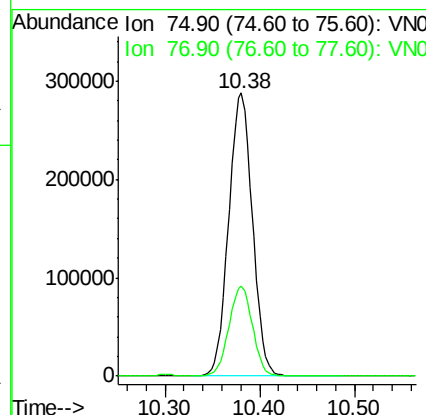
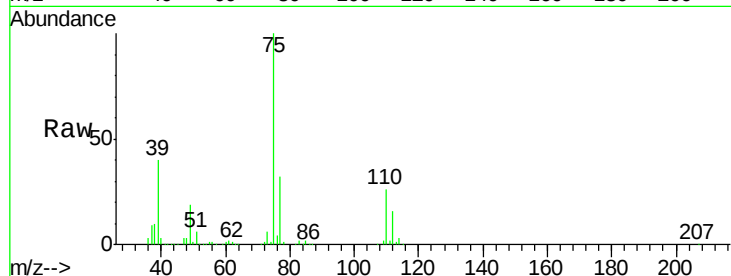
#53
t-1,3-Dichloropropene
Concen: 50.182 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.5	38.3

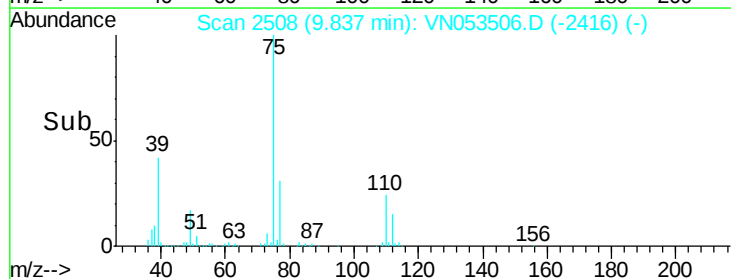
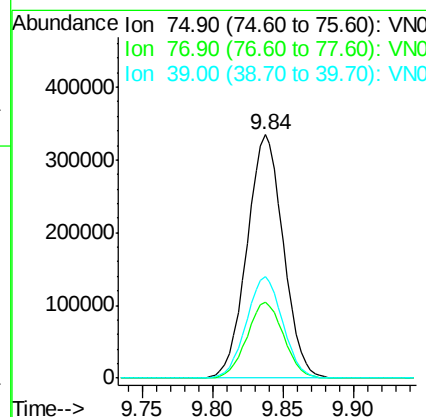
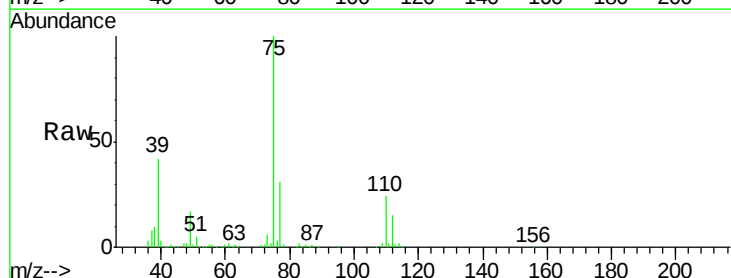
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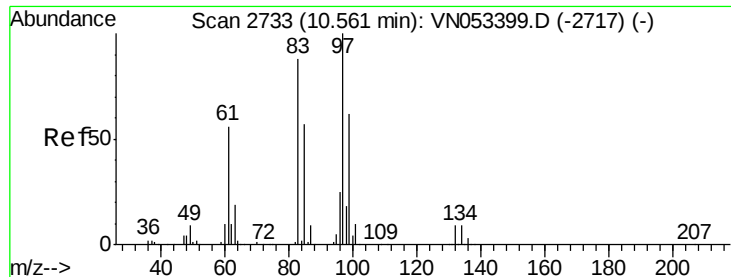
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 51.395 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.8	38.6
39	41.5	33.4	50.0





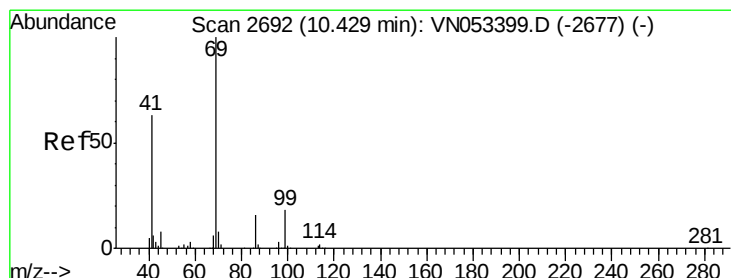
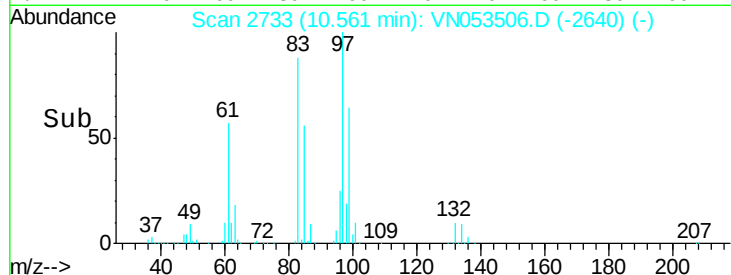
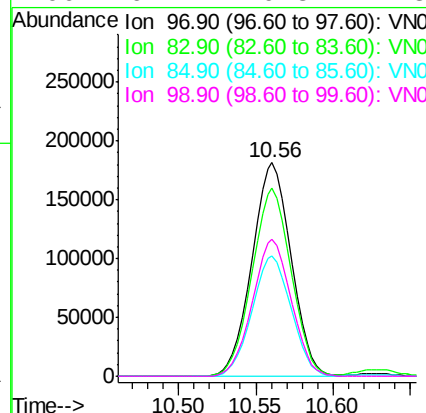
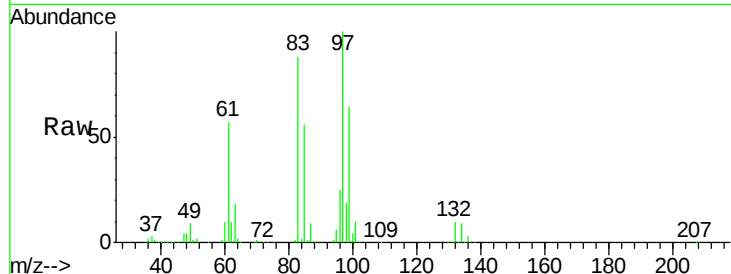
#55
 1,1,2-Trichloroethane
 Concen: 48.553 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN053506.D
 Acq: 21 Jan 2019 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		321065		
83	87.9	70.1	105.1		
85	56.3	45.4	68.0		
99	64.2	49.8	74.8		

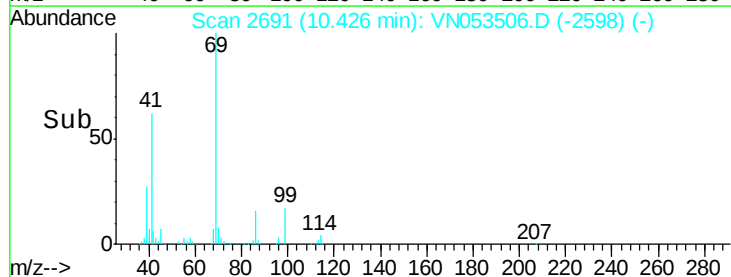
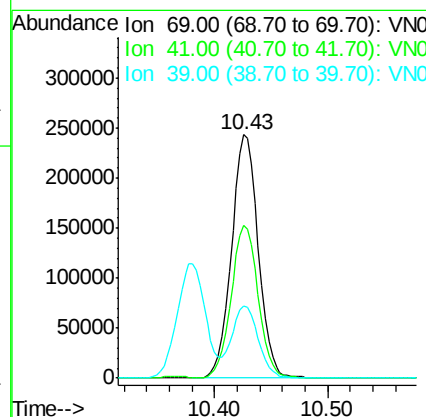
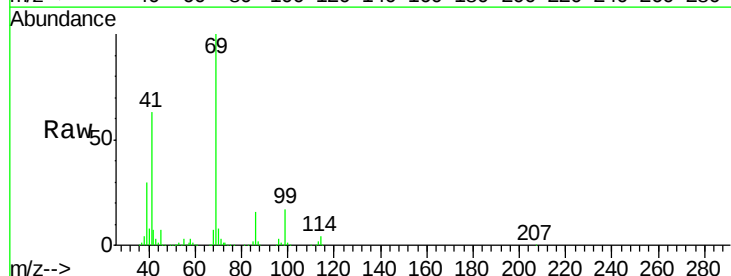
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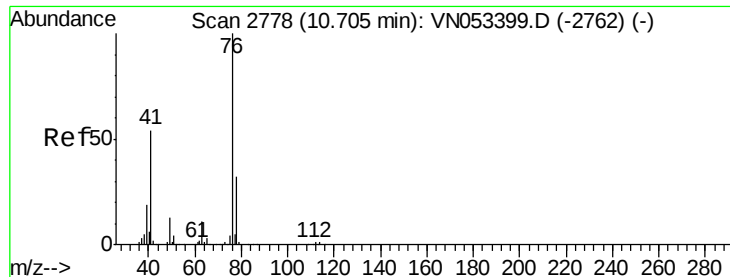
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#56
 Ethyl methacrylate
 Concen: 42.840 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. -0.00 min
 Lab File: VN053506.D
 Acq: 21 Jan 2019 15:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		399149		
41	62.7	49.4	74.0		
39	29.0	23.3	34.9		





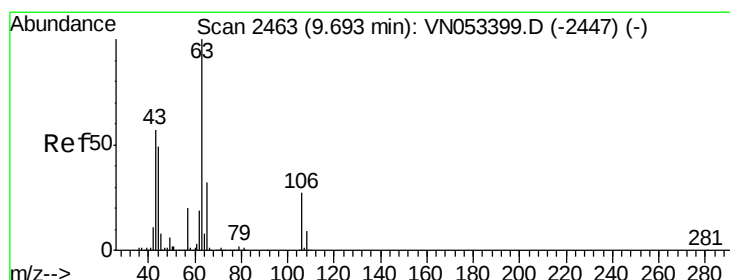
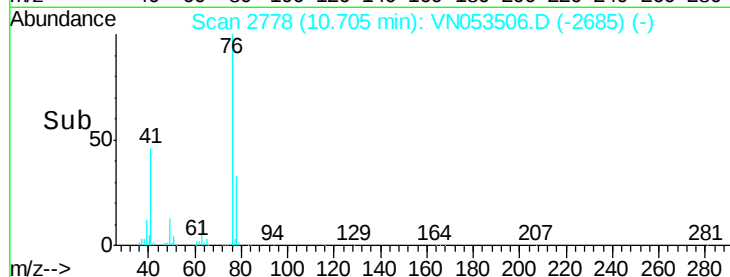
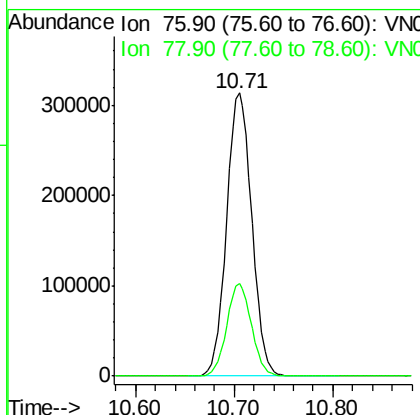
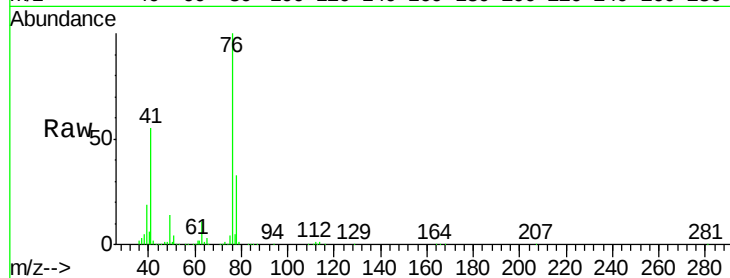
#57
 1,3-Dichloropropane
 Concen: 48.651 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN053506.D
 Acq: 21 Jan 2019 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 556533
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.6 38.4

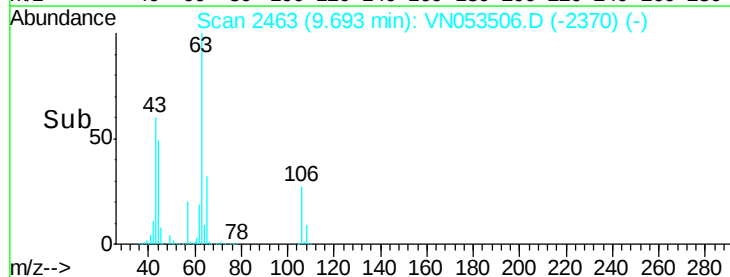
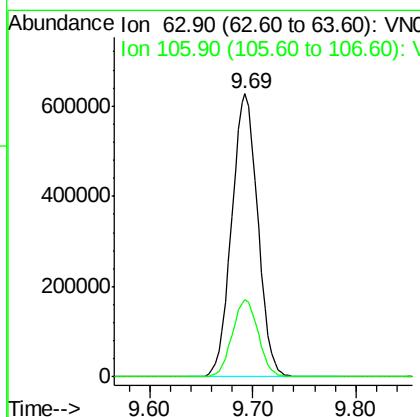
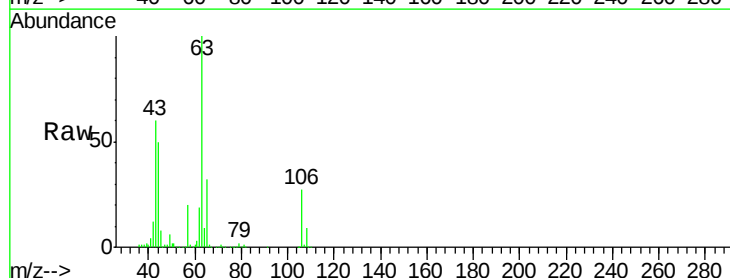
Manual Integrations
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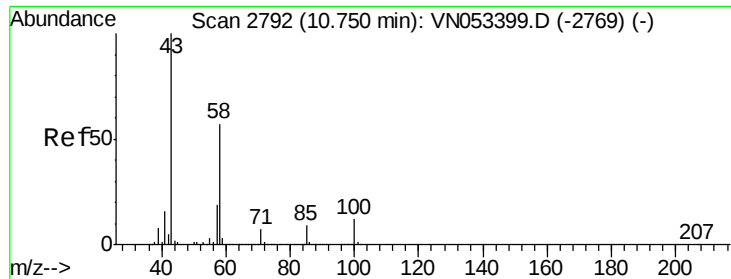
MMDadoda
 1/22/2019 9:47:46 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.888 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN053506.D
 Acq: 21 Jan 2019 15:13

Tgt Ion: 63 Resp: 1105139
 Ion Ratio Lower Upper
 63 100
 106 27.2 21.5 32.3





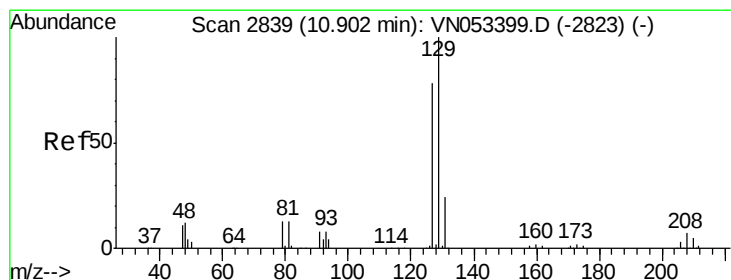
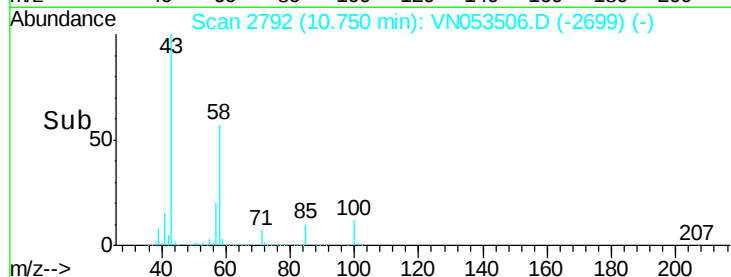
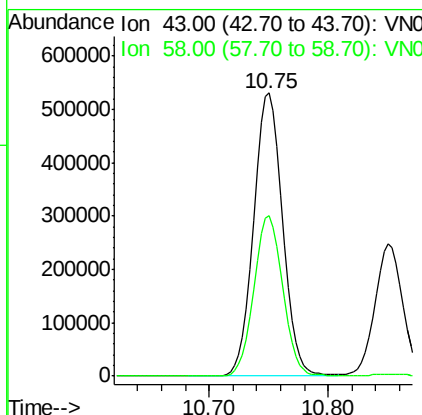
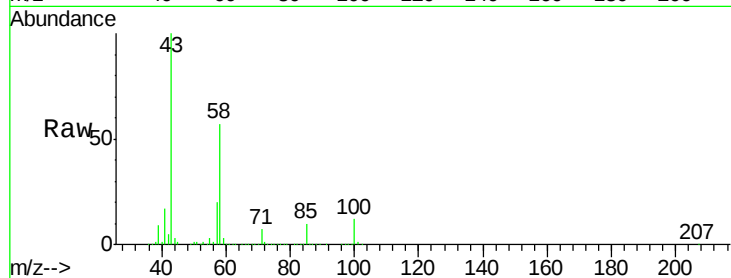
#59
2-Hexanone
Concen: 221.986 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	894719
Ion Ratio	100	Lower	Upper
43	100		
58	56.7	28.6	85.8

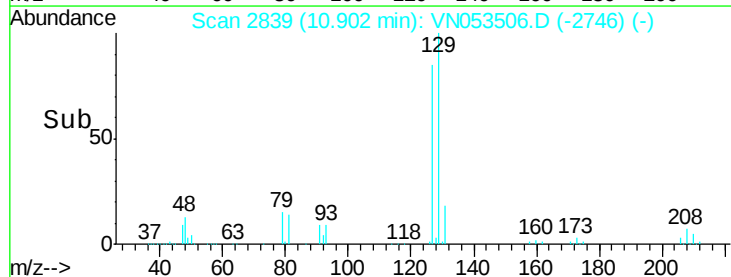
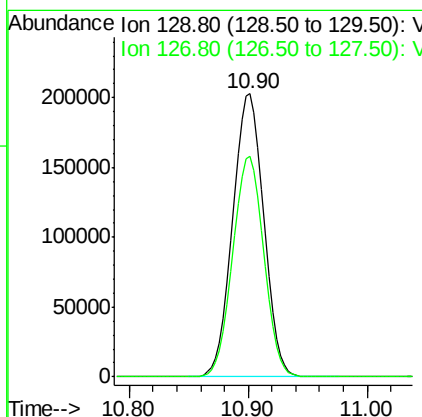
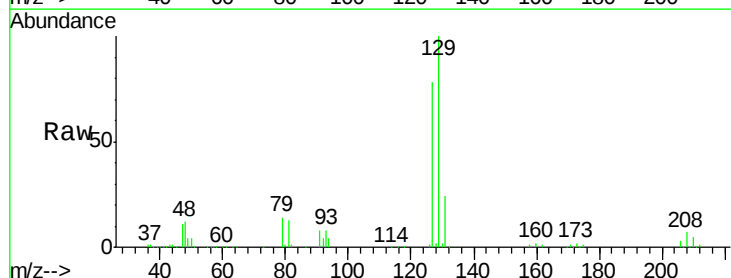
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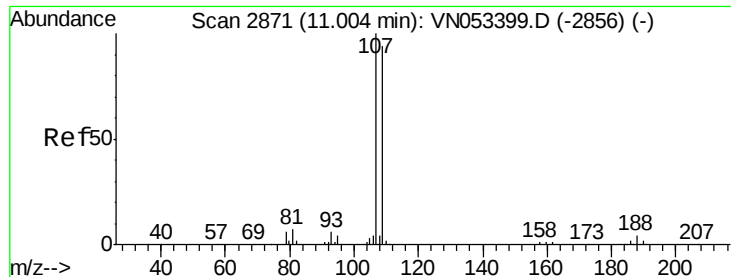
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#60
Dibromochloromethane
Concen: 49.016 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Tgt Ion	129	Resp	367628	
Ion Ratio	129	100	Lower	Upper
129	100			
127	77.8	38.6	115.8	





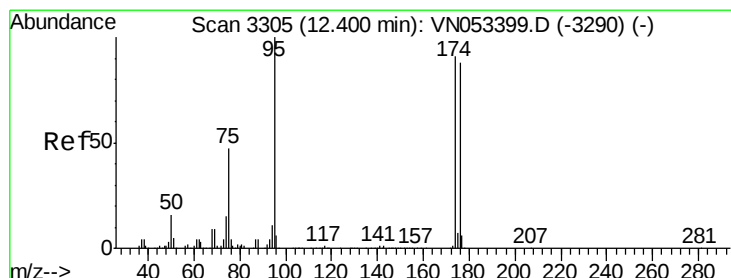
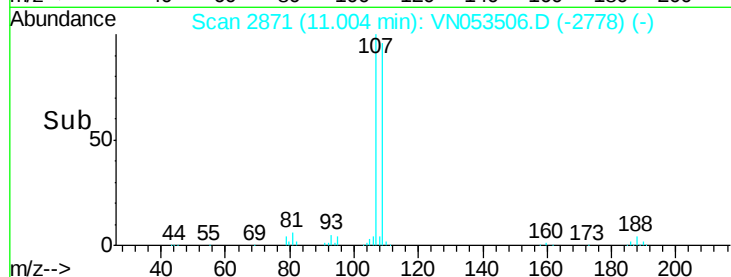
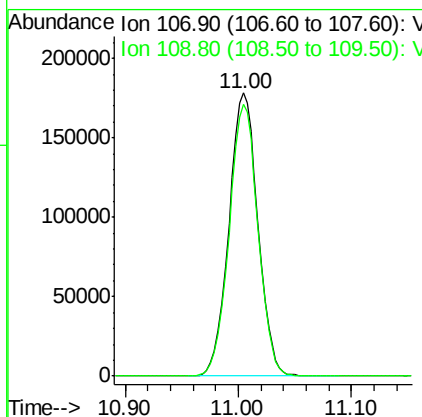
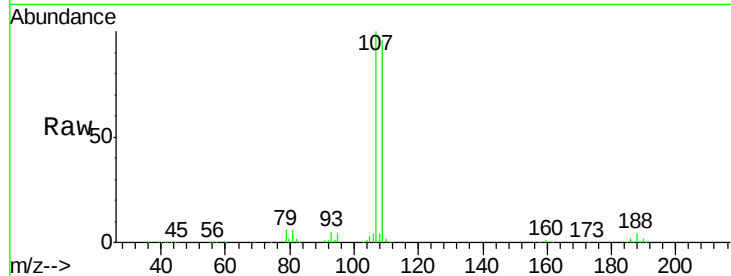
#61
 1,2-Dibromoethane
 Concen: 47.261 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN053506.D
 Acq: 21 Jan 2019 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.9	75.7	113.5

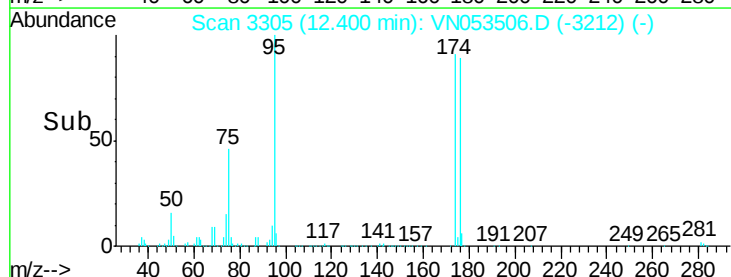
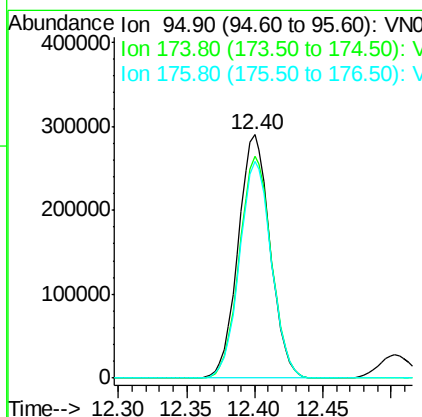
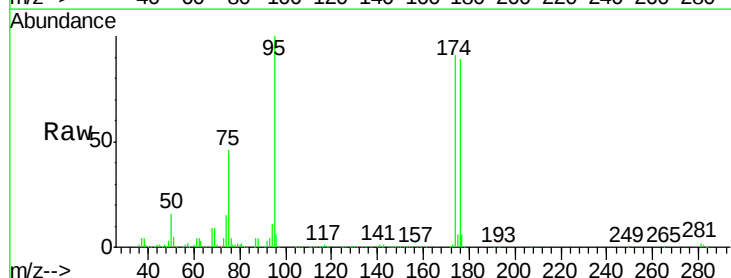
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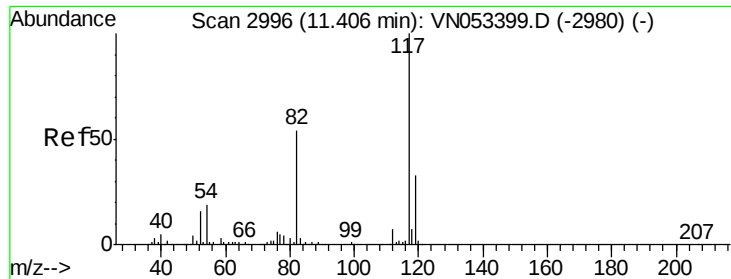
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#62
 4-Bromofluorobenzene
 Concen: 47.261 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN053506.D
 Acq: 21 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.4	0.0	183.2
176	88.8	0.0	177.4





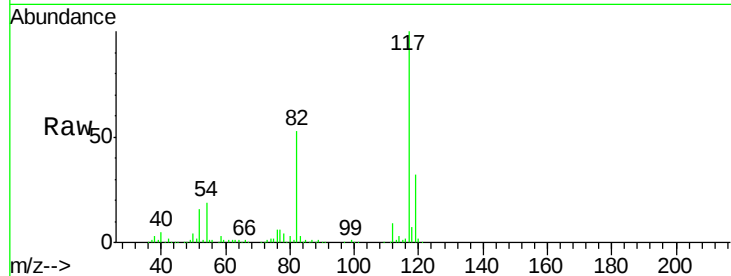
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.9	64.3
119	32.5	26.0	39.0

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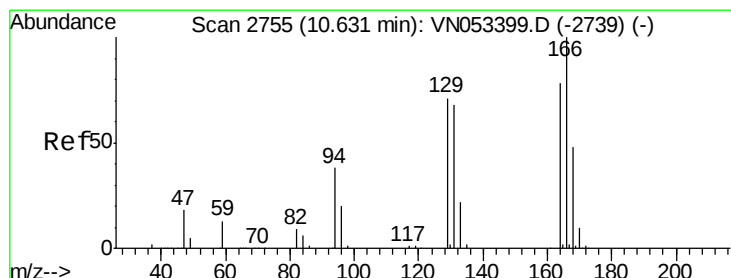
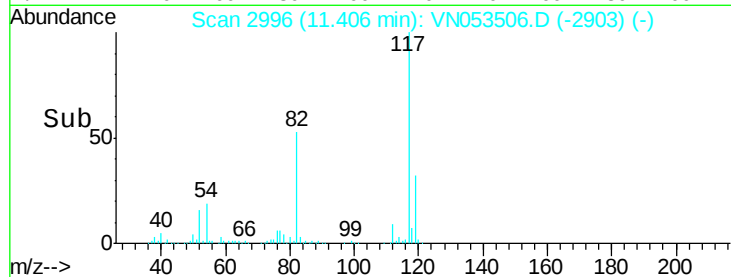
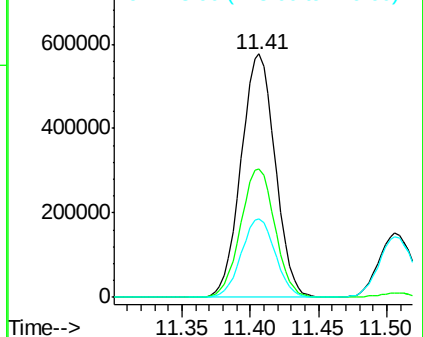


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 52.338 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	102.2	153.4
129	89.9	72.6	109.0
131	85.9	69.5	104.3

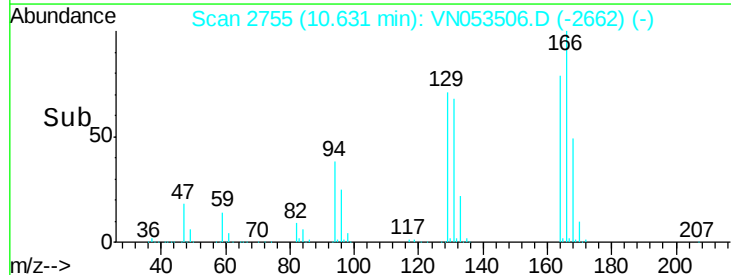
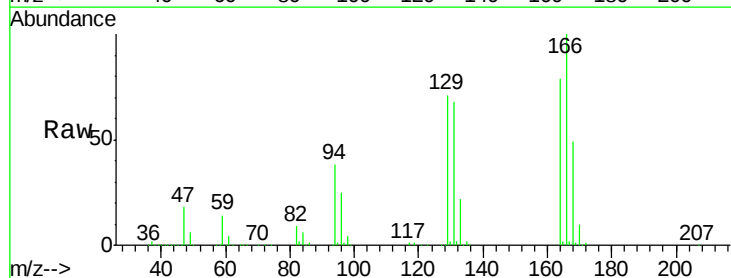
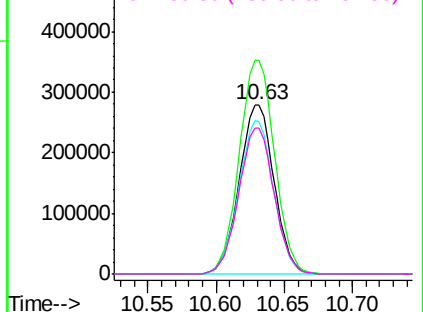
Abundance

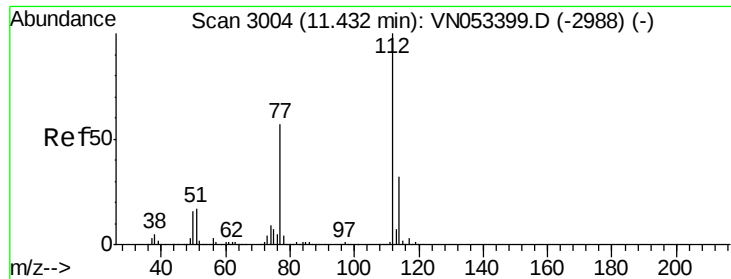
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





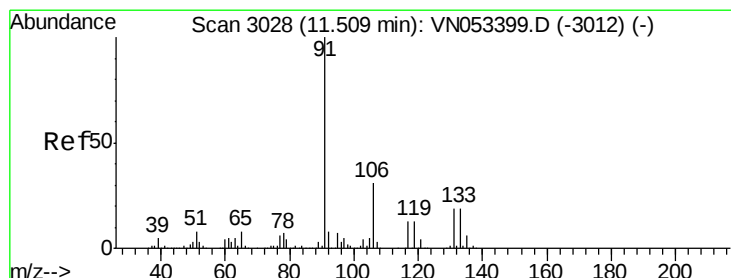
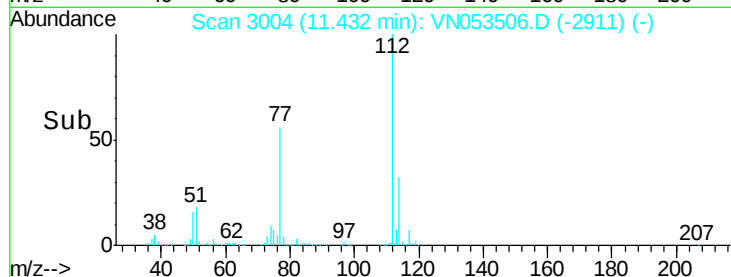
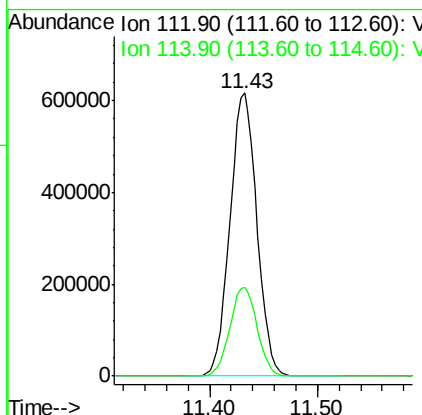
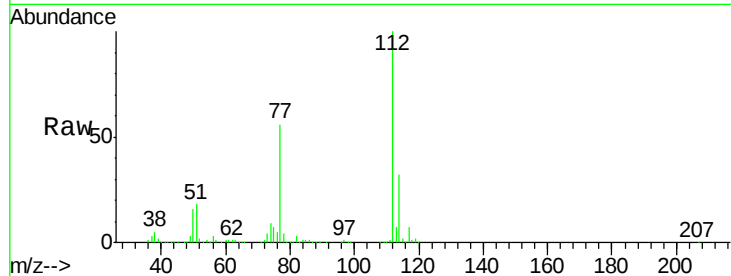
#65
Chlorobenzene
Concen: 50.561 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 1071196
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9

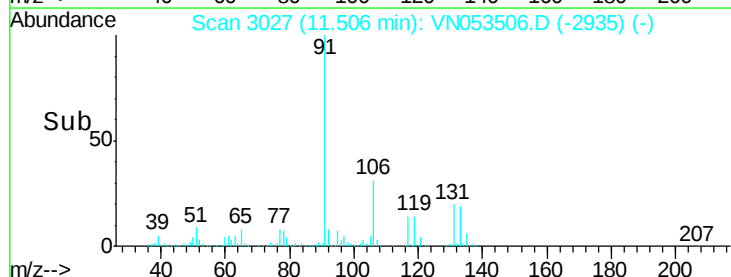
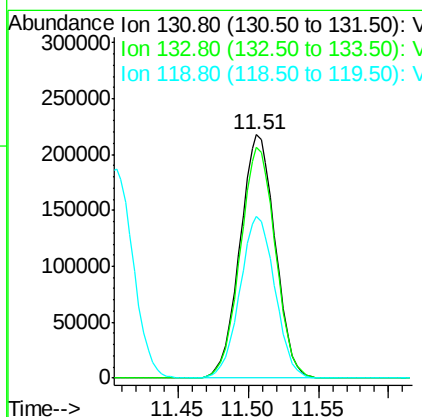
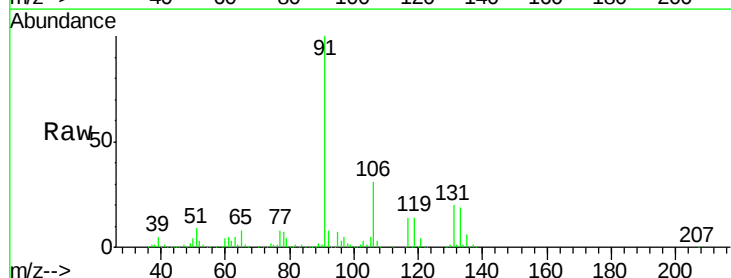
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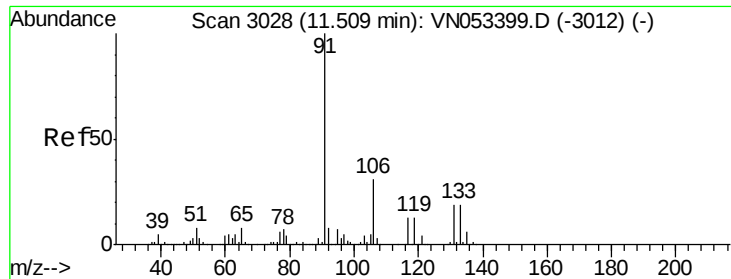
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.547 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Tgt Ion:131 Resp: 379925
Ion Ratio Lower Upper
131 100
133 94.7 48.0 144.0
119 66.0 33.5 100.5





#67

Ethyl Benzene

Concen: 50.770 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN053506.D

Acq: 21 Jan 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1833129

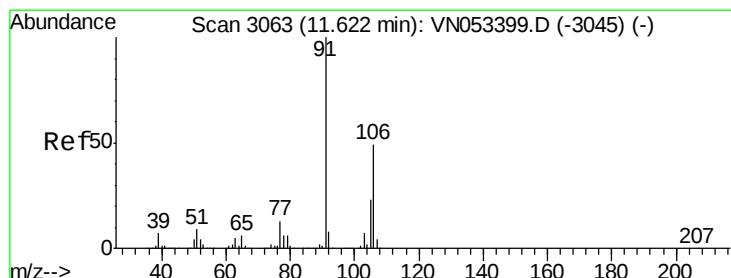
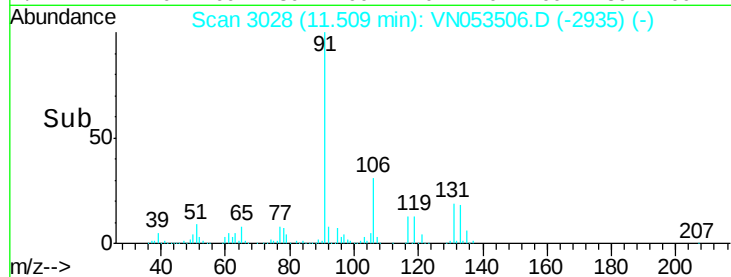
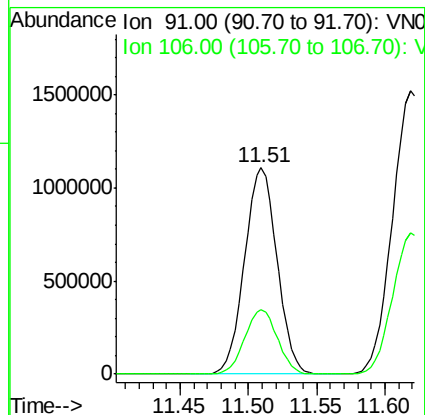
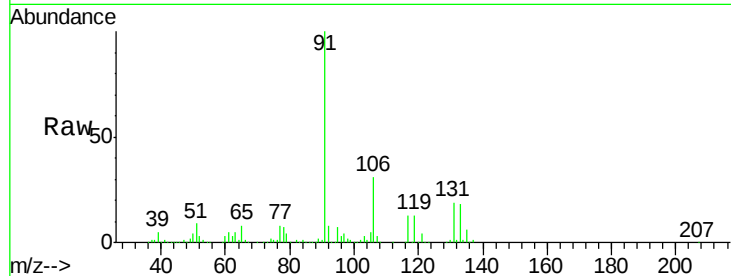
Ion Ratio Lower Upper

91 100

106 31.4 25.0 37.6

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1/22/2019 9:47:46 AM



#68

m/p-Xylenes

Concen: 104.265 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN053506.D

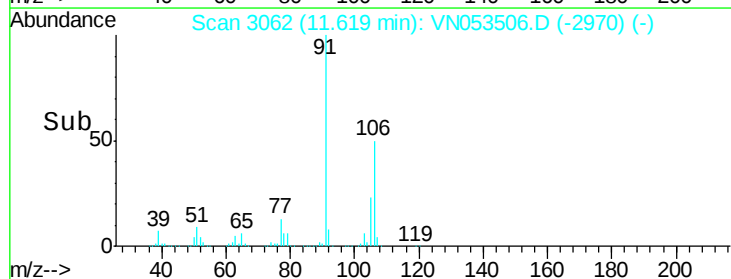
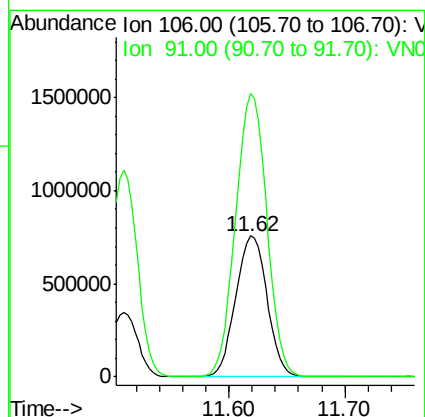
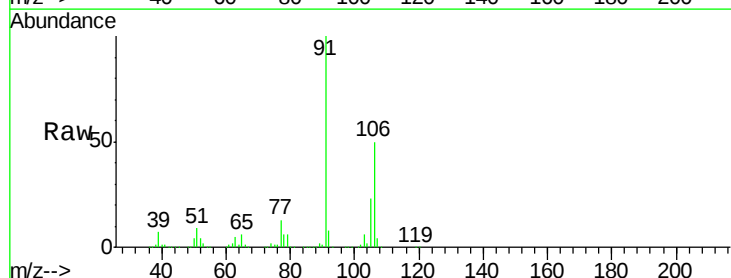
Acq: 21 Jan 2019 15:13

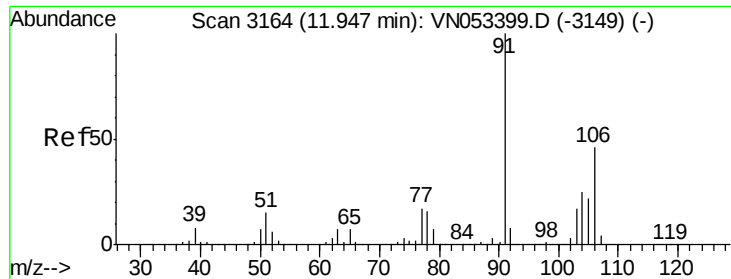
Tgt Ion: 106 Resp: 1421366

Ion Ratio Lower Upper

106 100

91 200.4 161.4 242.2





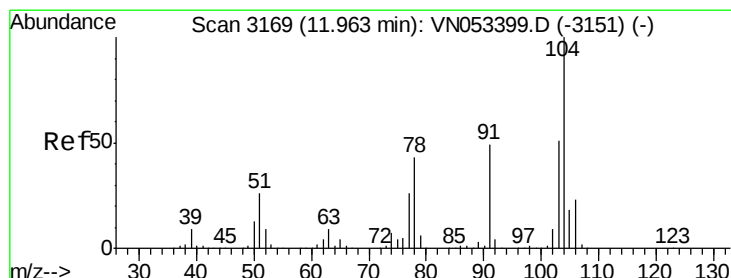
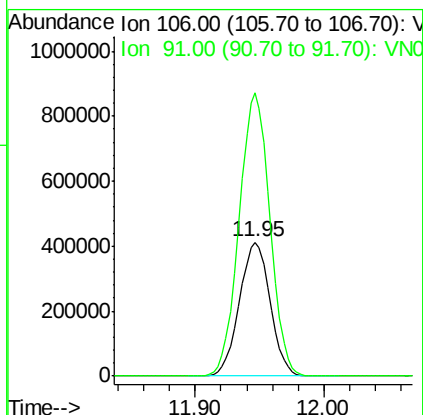
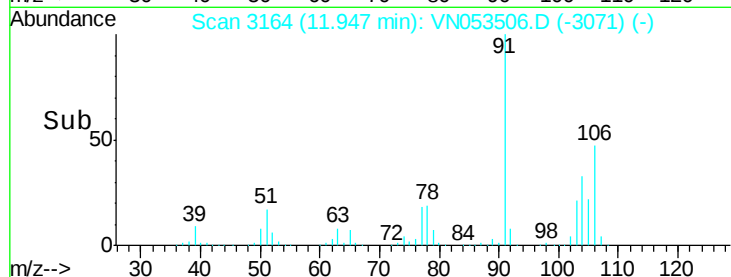
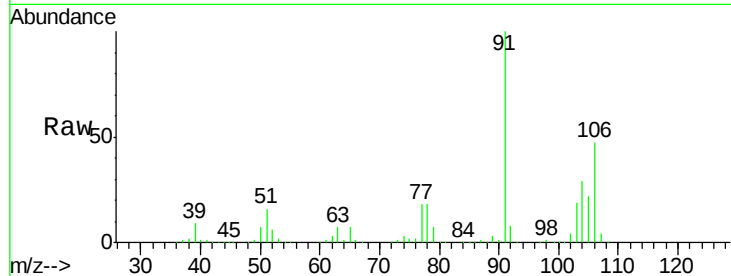
#69
o-Xylene
Concen: 51.586 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 683324
Ion Ratio Lower Upper
106 100
91 211.1 106.9 320.8

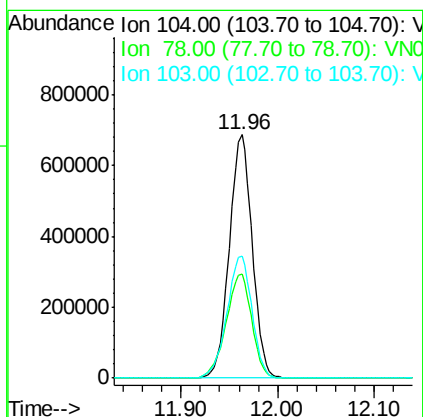
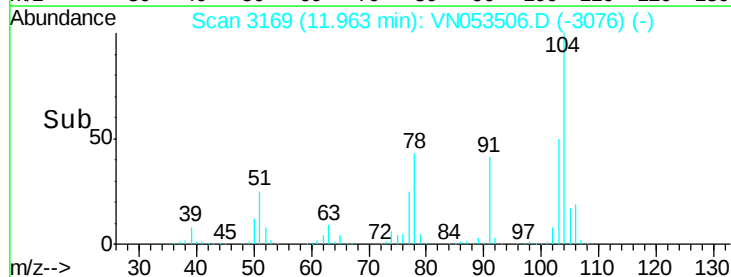
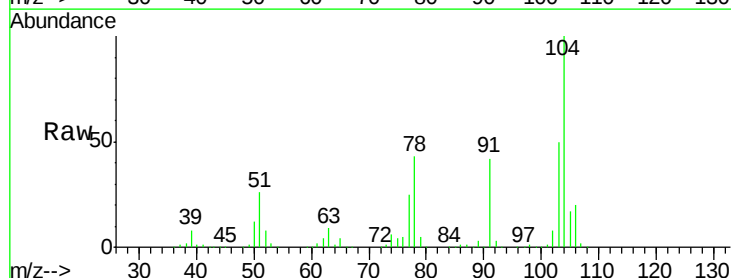
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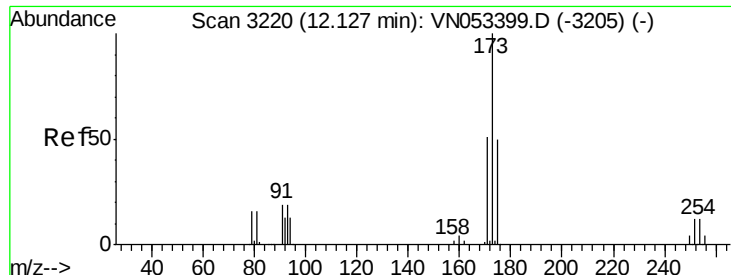
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#70
Styrene
Concen: 52.493 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Tgt Ion:104 Resp: 1128527
Ion Ratio Lower Upper
104 100
78 47.7 38.2 57.2
103 54.9 44.4 66.6





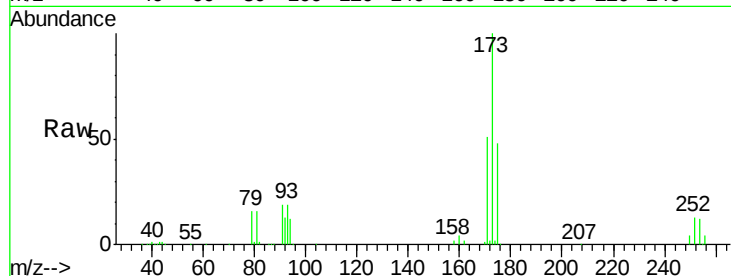
#71
Bromoform
Concen: 48.194 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

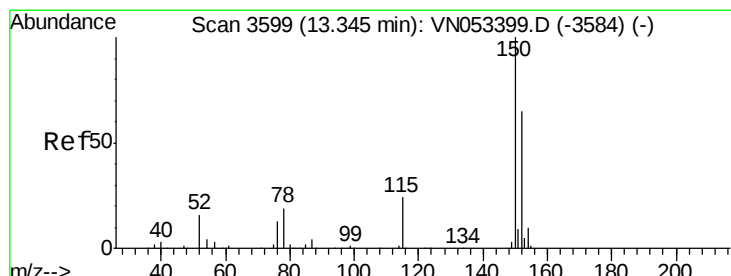
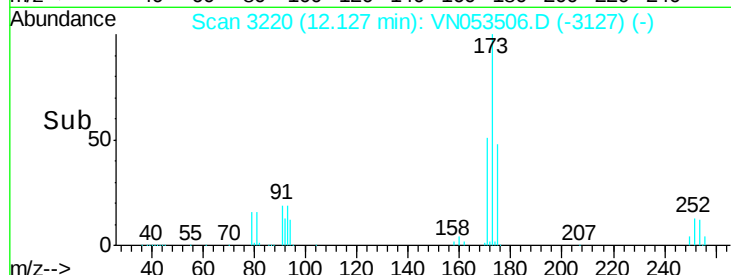
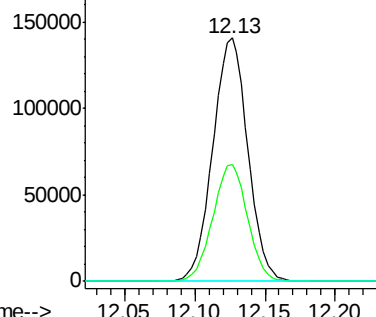
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.6	74.0
254	0.1	0.2	0.2#

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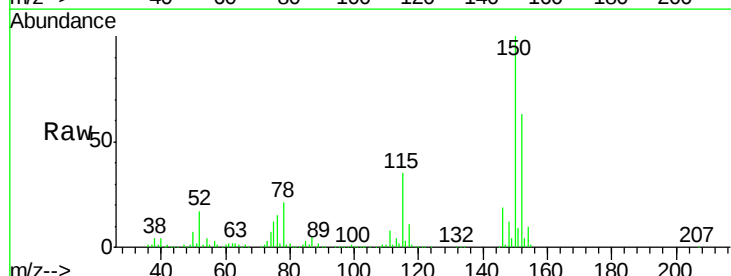


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

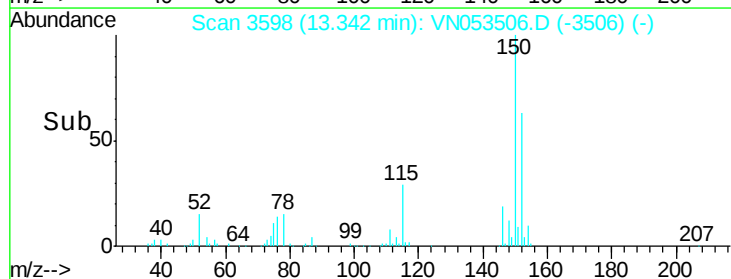
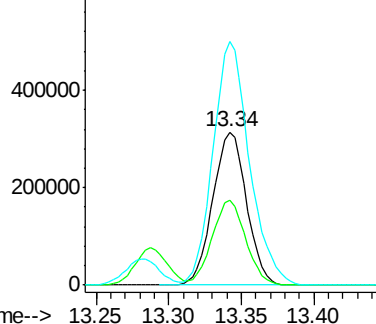


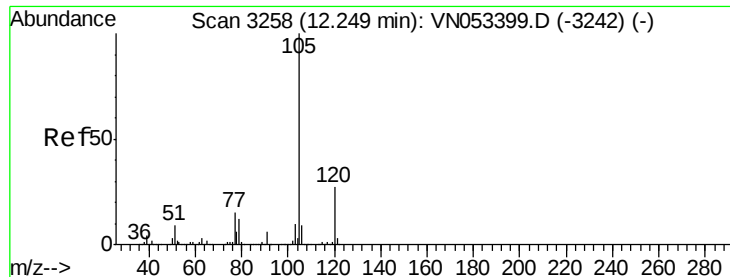
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.8	83.4
150	172.0	0.0	349.0



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: 49.031 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053506.D

Acq: 21 Jan 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1824678

Ion Ratio Lower Upper

105 100

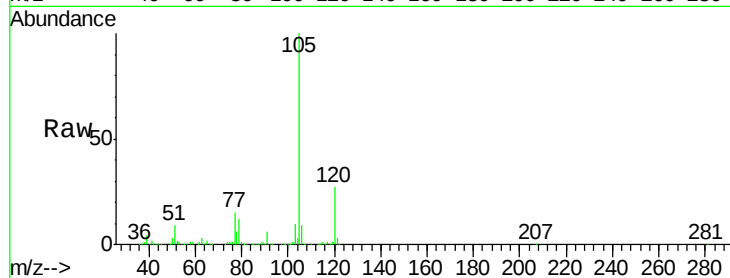
120 27.2 13.6 40.7

Manual Integrations

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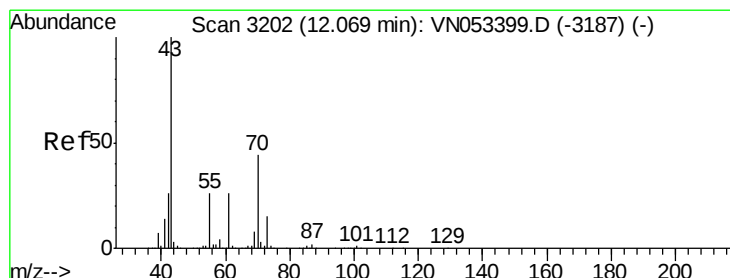
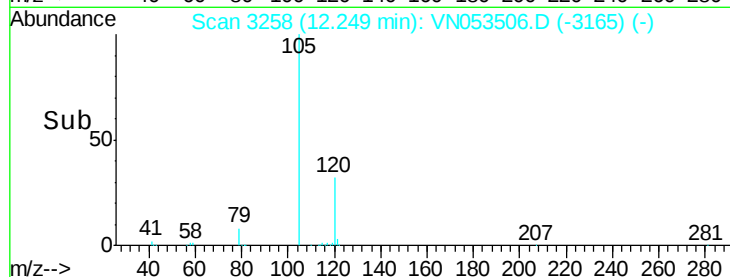
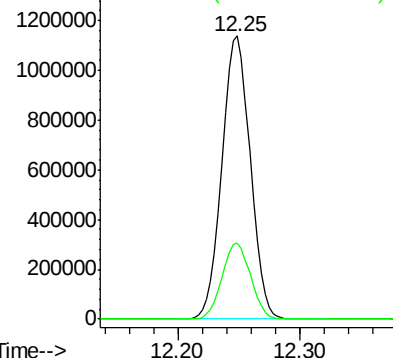
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 43.570 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN053506.D

Acq: 21 Jan 2019 15:13

Tgt Ion: 43 Resp: 432243

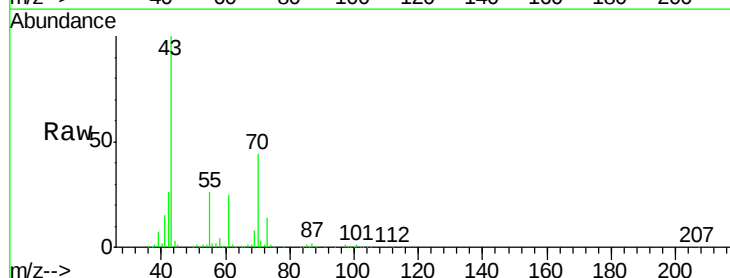
Ion Ratio Lower Upper

43 100

70 44.8 35.4 53.2

55 26.4 20.9 31.3

61 25.4 20.5 30.7

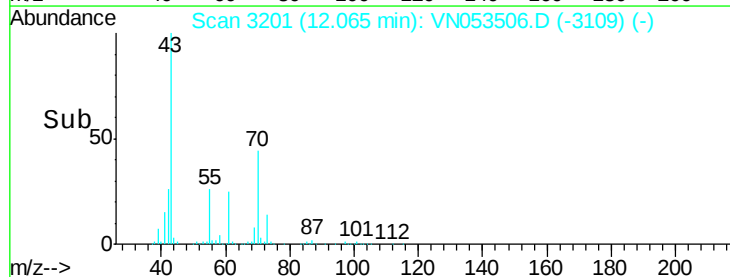
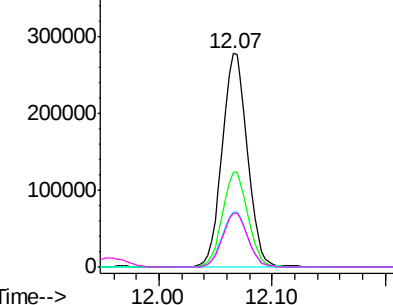


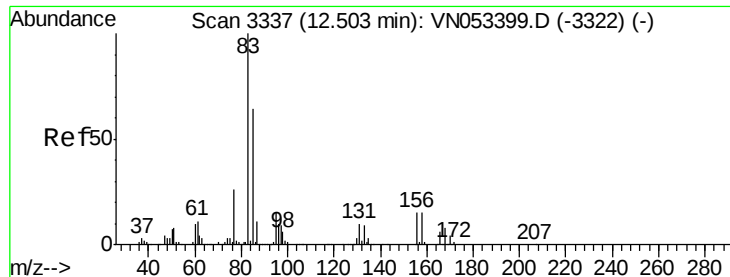
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 40.801 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN053506.D

Acq: 21 Jan 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 318455
Ion Ratio Lower Upper

83 100

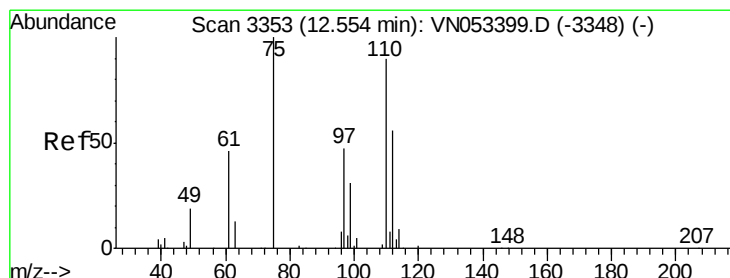
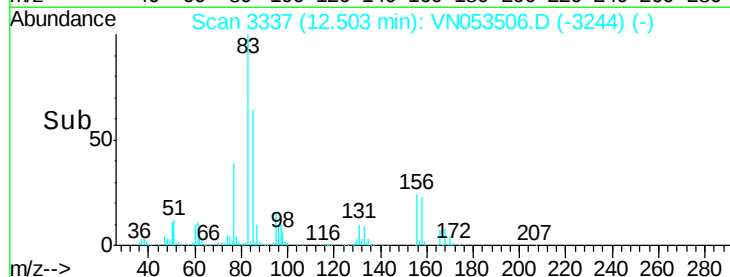
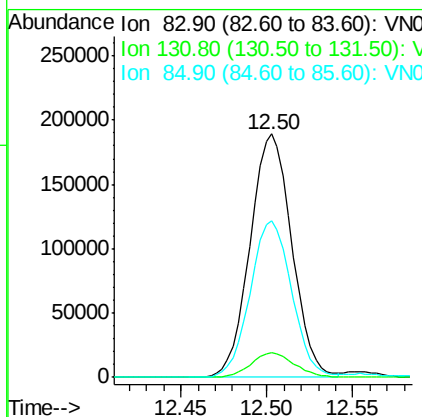
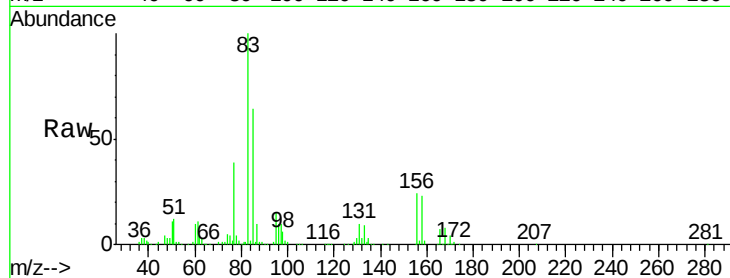
131 10.6 5.3 15.8

85 64.1 32.1 96.3

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#76

1,2,3-Trichloropropane

Concen: 42.835 ug/l m

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

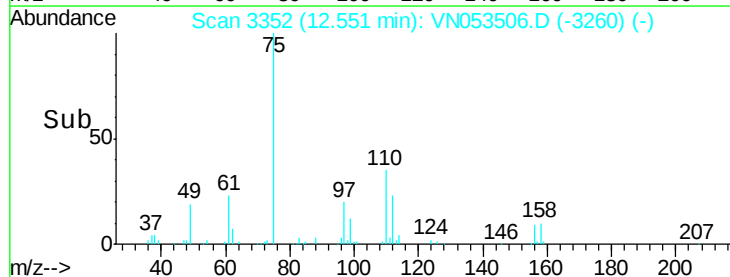
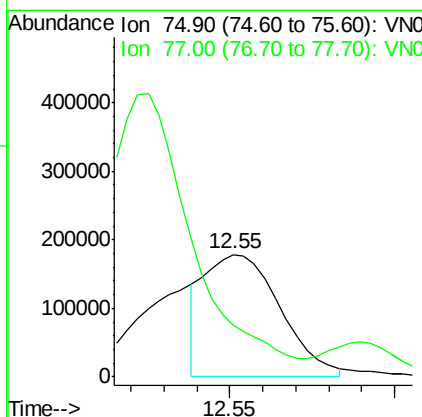
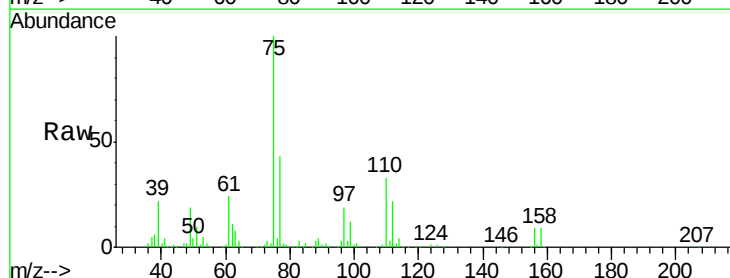
Lab File: VN053506.D

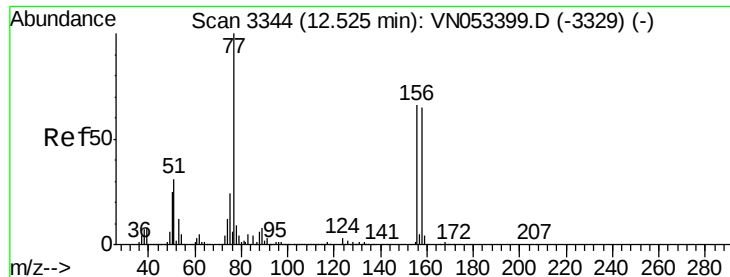
Acq: 21 Jan 2019 15:13

Tgt Ion: 75 Resp: 286865
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.833 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN053506.D

Acq: 21 Jan 2019 15:13

Instrument :

MSVOA_N

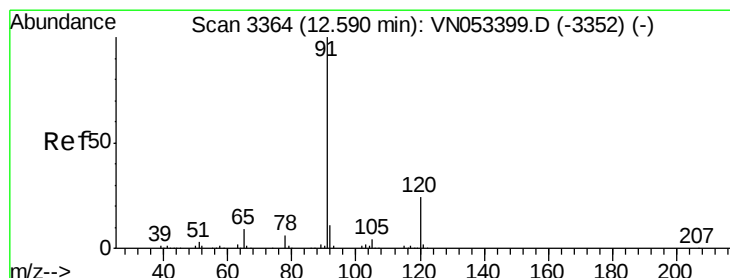
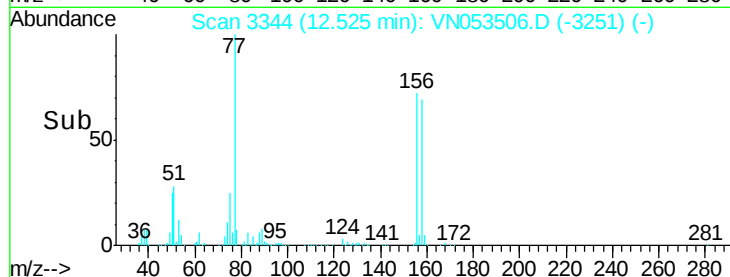
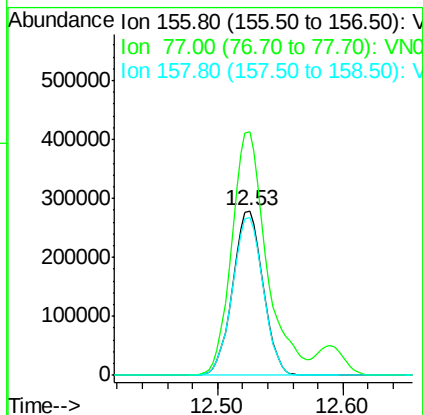
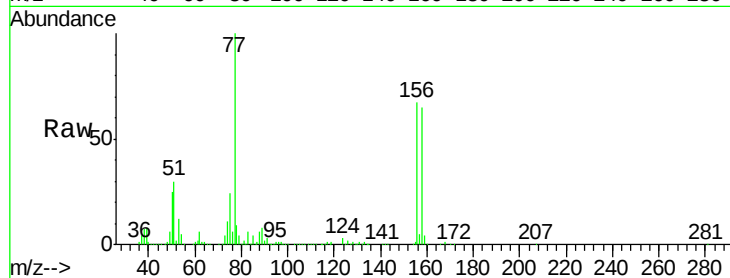
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	469062
Ion Ratio	Lower	Upper	
156	100		
77	170.5	87.9	263.8
158	97.2	48.8	146.4

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#78

n-propylbenzene

Concen: 49.781 ug/l

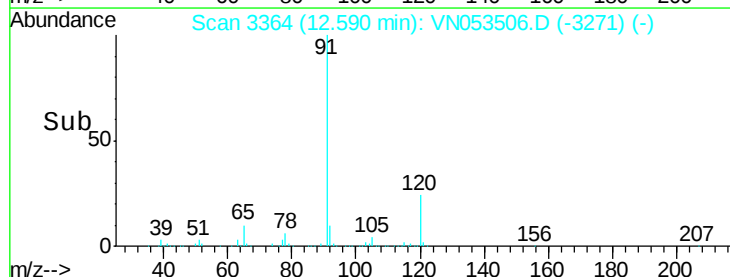
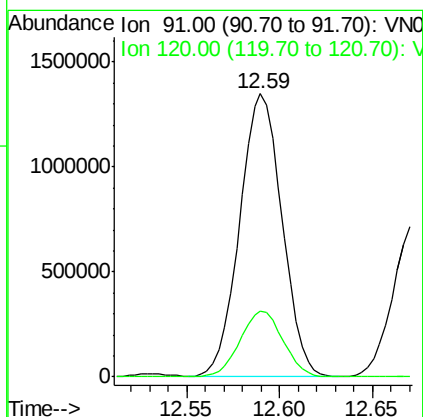
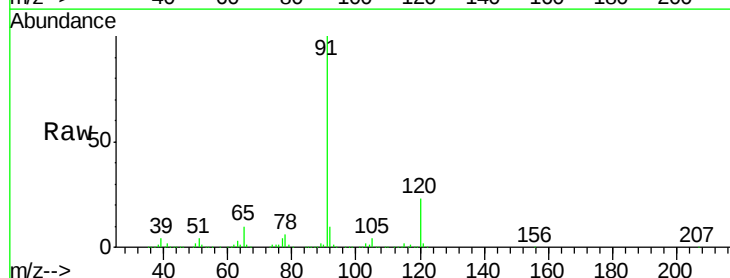
RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053506.D

Acq: 21 Jan 2019 15:13

Tgt Ion:	91	Resp:	2126572
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.9	35.5





#79

2-Chlorotoluene

Concen: 48.508 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053506.D

Acq: 21 Jan 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1228264

Ion Ratio Lower Upper

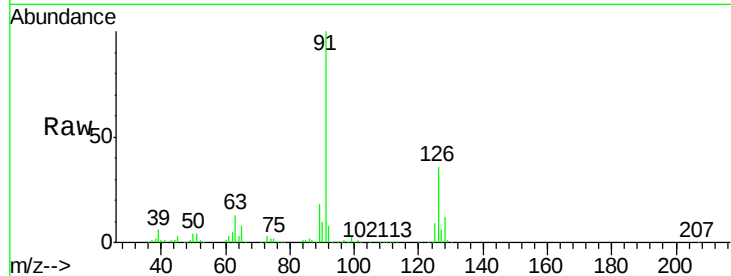
91 100

126 35.7 17.9 53.7

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Abundance Ion 91.00 (90.70 to 91.70): VN053399.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN053399.D (-3378) (-)

1500000

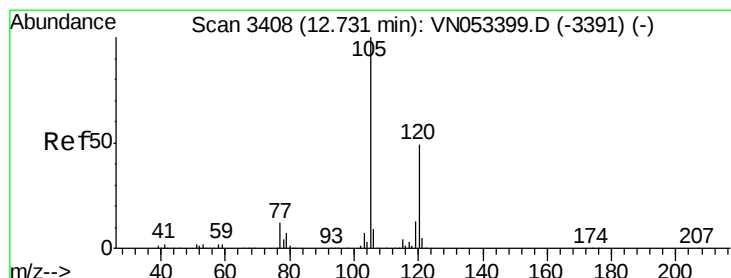
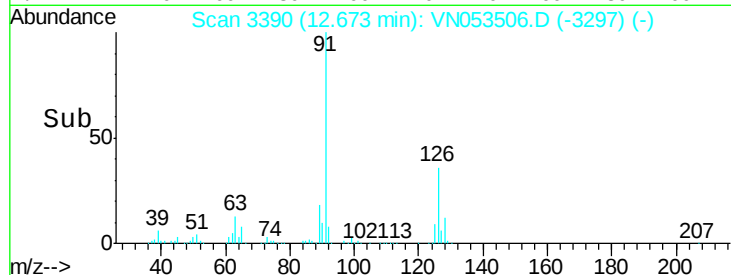
1000000

500000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.307 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN053506.D

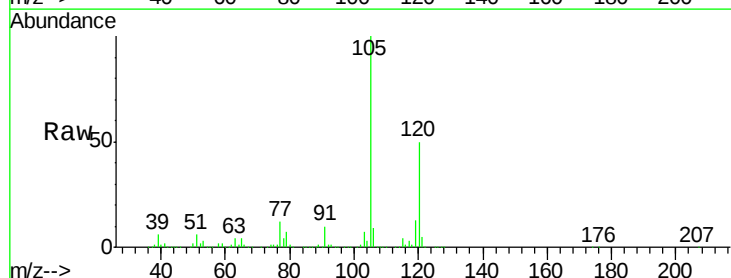
Acq: 21 Jan 2019 15:13

Tgt Ion: 105 Resp: 1523231

Ion Ratio Lower Upper

105 100

120 50.1 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN053399.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN053399.D (-3391) (-)

1000000

800000

600000

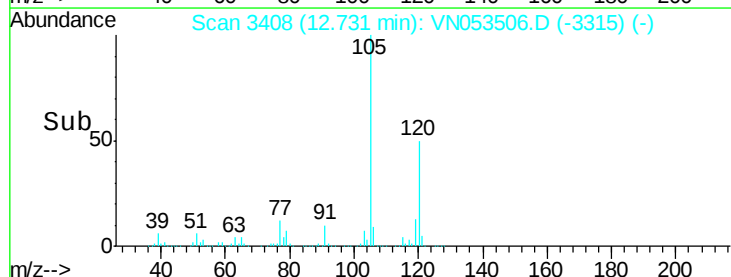
400000

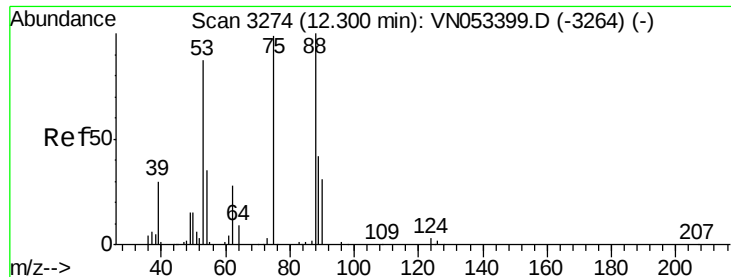
200000

0

12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 41.179 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053506.D

Acq: 21 Jan 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 107722

Ion Ratio Lower Upper

75 100

53 88.9 69.8 104.6

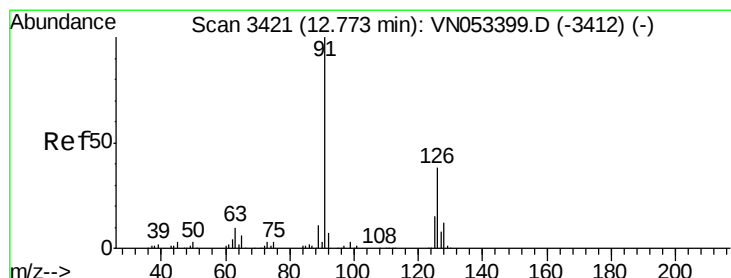
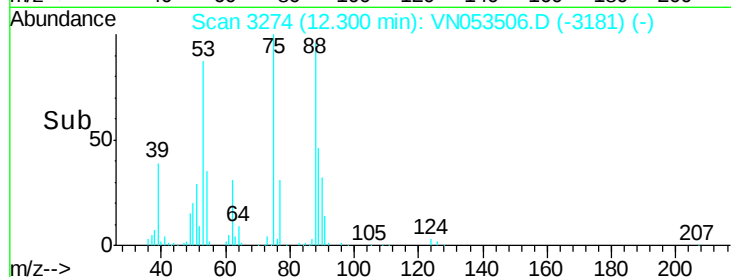
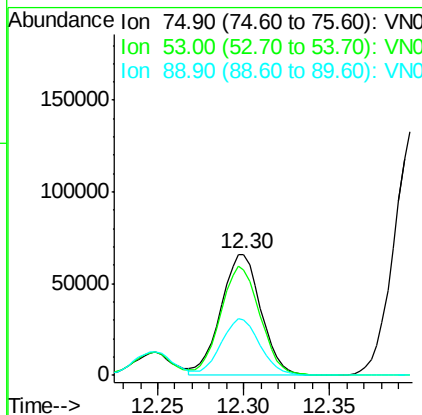
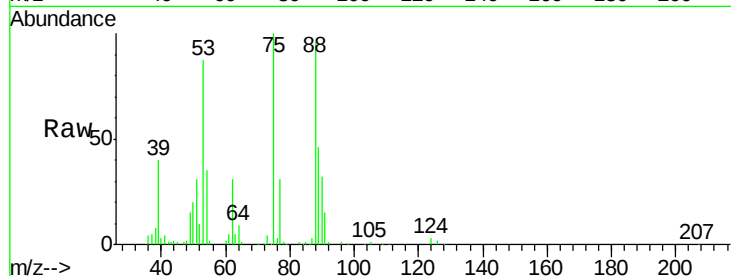
89 45.1 35.6 53.4

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#82

4-Chlorotoluene

Concen: 48.940 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN053506.D

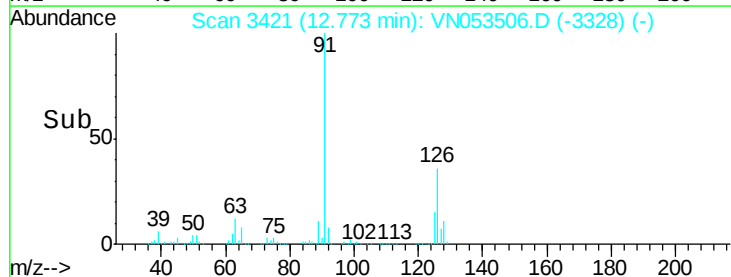
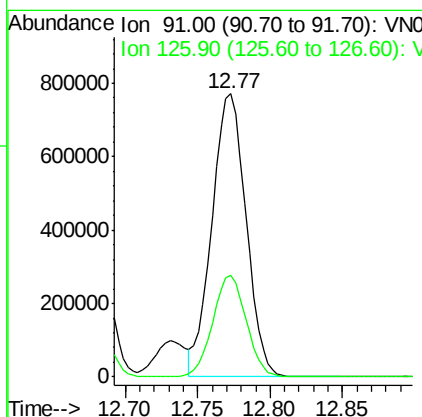
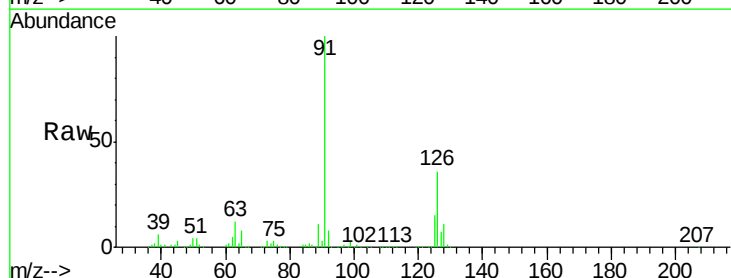
Acq: 21 Jan 2019 15:13

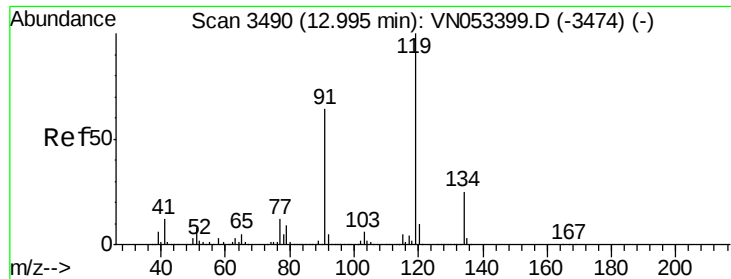
Tgt Ion: 91 Resp: 1263722

Ion Ratio Lower Upper

91 100

126 35.2 17.6 52.9





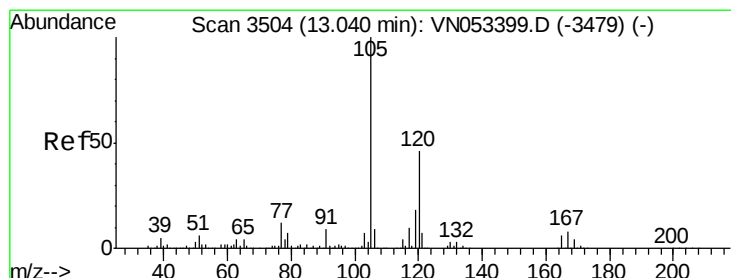
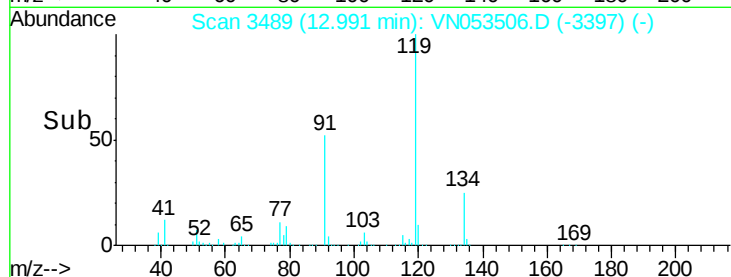
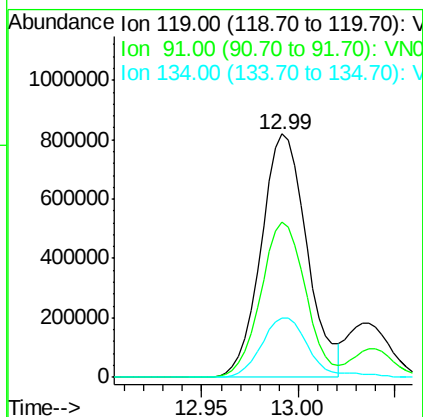
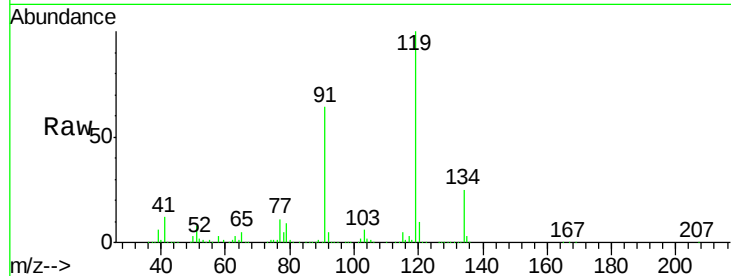
#83
tert-Butylbenzene
Concen: 50.407 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 1348057
Ion Ratio Lower Upper
119 100
91 62.4 31.3 93.8
134 25.5 12.9 38.7

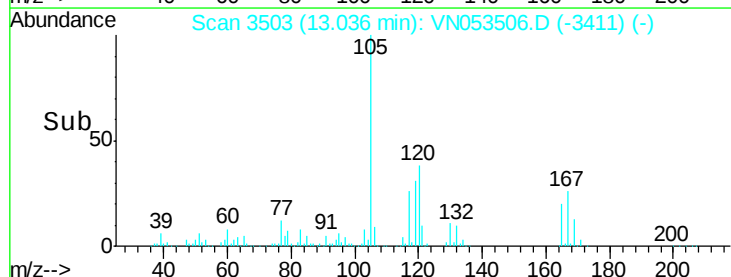
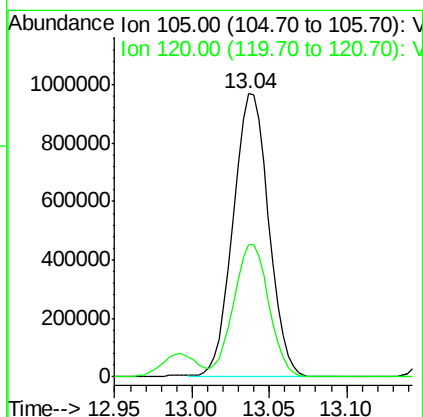
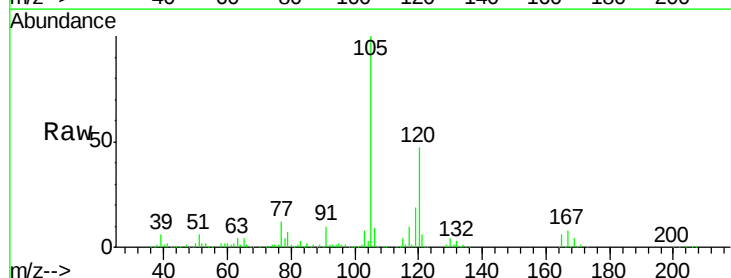
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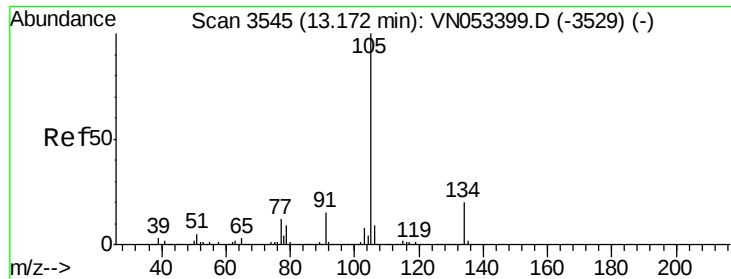
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#84
1,2,4-Trimethylbenzene
Concen: 50.644 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Tgt Ion:105 Resp: 1546187
Ion Ratio Lower Upper
105 100
120 46.4 23.0 69.0





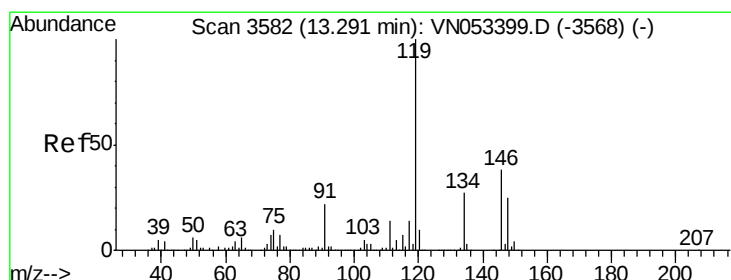
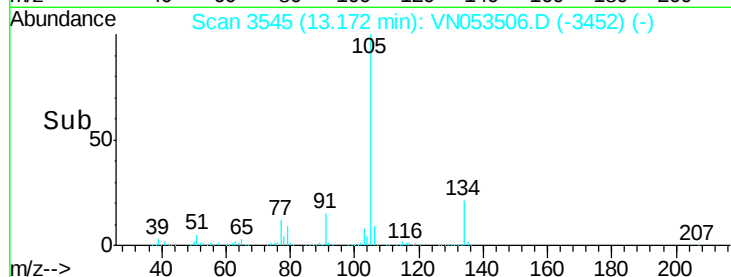
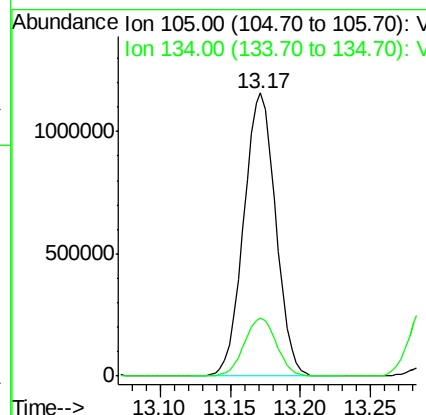
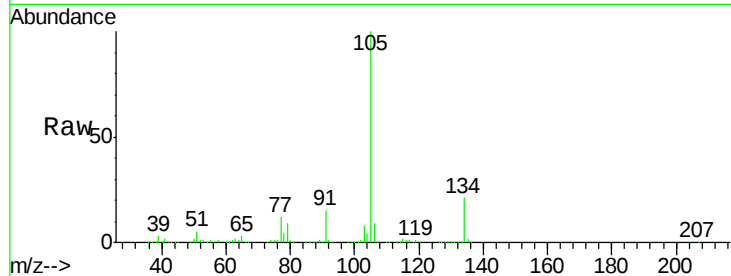
#85
 sec-Butylbenzene
 Concen: 50.044 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN053506.D
 Acq: 21 Jan 2019 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 1835449
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.6

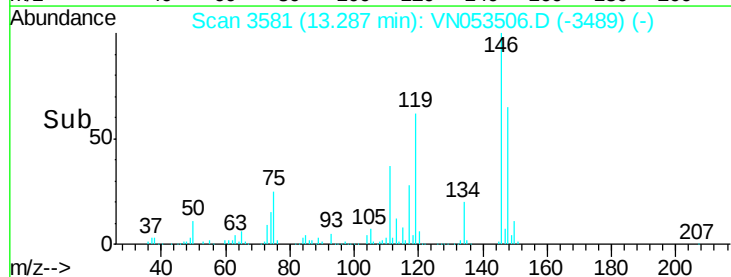
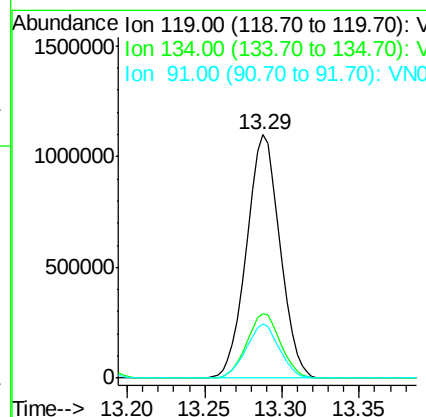
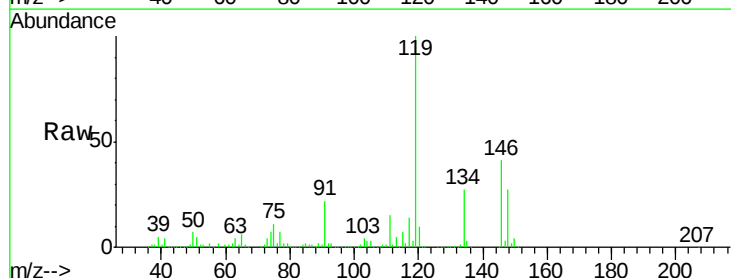
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#86
 p-Isopropyltoluene
 Concen: 51.679 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN053506.D
 Acq: 21 Jan 2019 15:13

Tgt Ion:119 Resp: 1645776
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 21.9 11.0 33.0





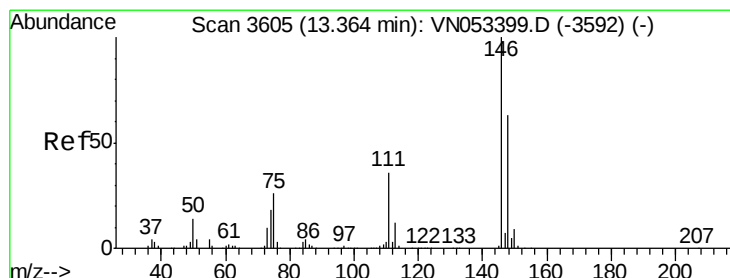
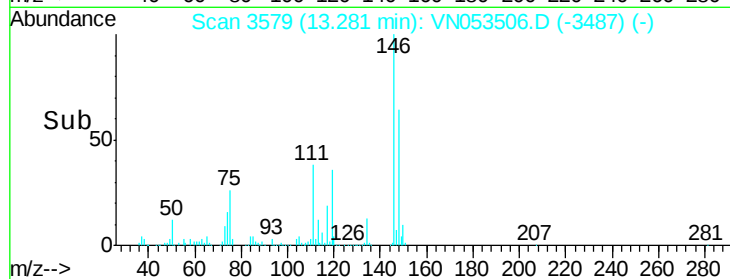
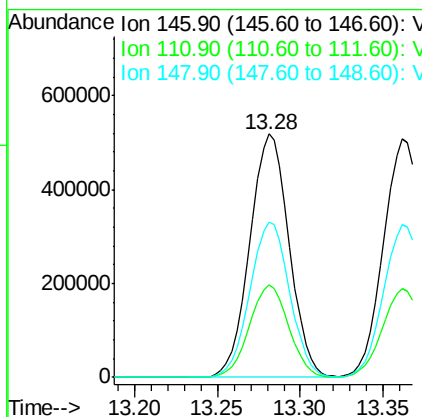
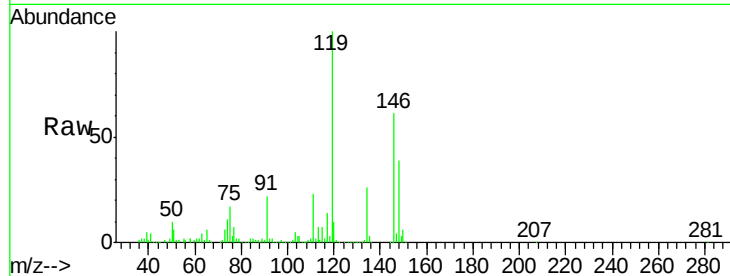
#87
 1,3-Dichlorobenzene
 Concen: 49.625 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN053506.D
 Acq: 21 Jan 2019 15:13

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.8	56.3
148	64.5	32.0	96.2

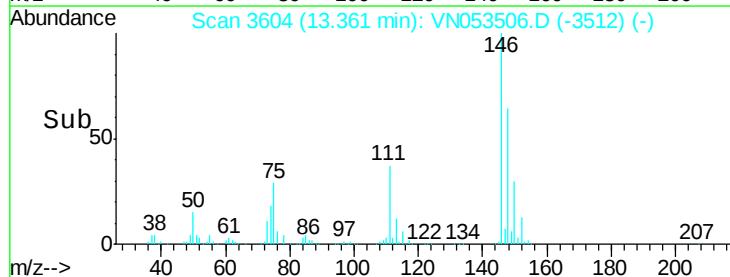
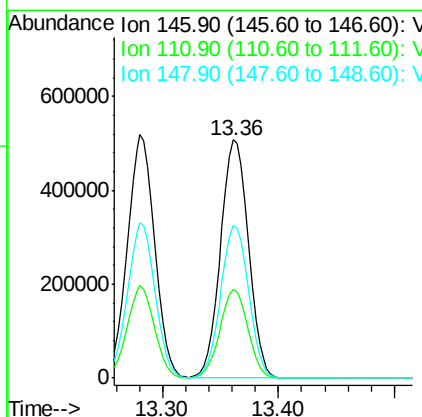
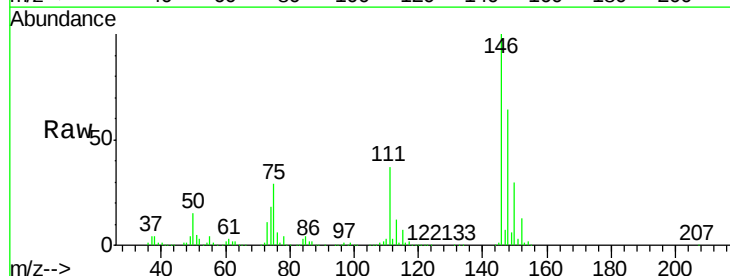
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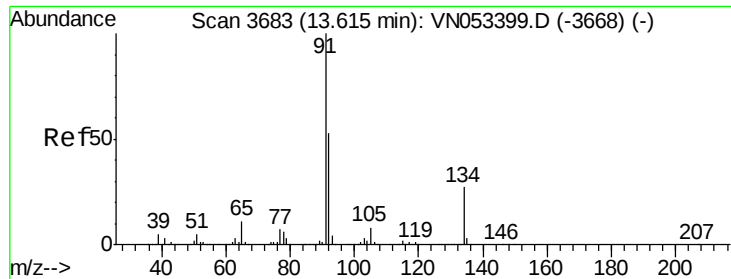
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#88
 1,4-Dichlorobenzene
 Concen: 48.743 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN053506.D
 Acq: 21 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	55.8
148	64.2	32.4	97.0





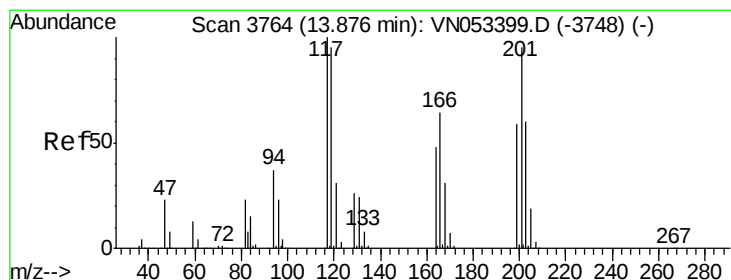
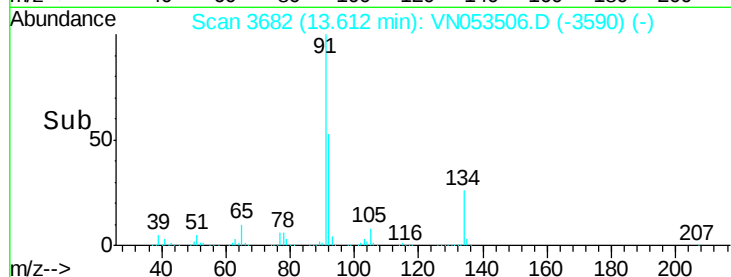
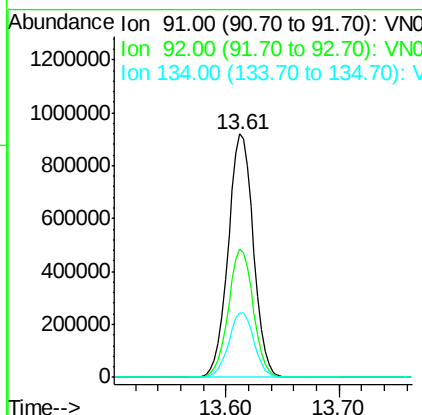
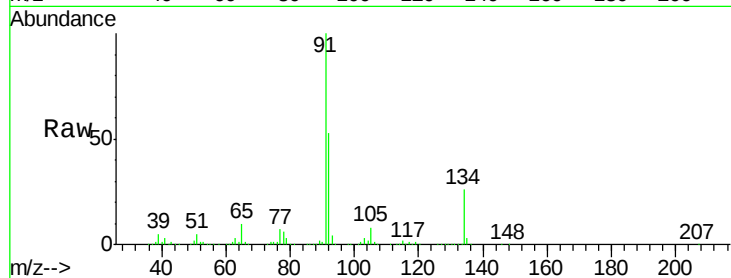
#89
n-Butylbenzene
Concen: 52.288 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1419384
Ion Ratio Lower Upper
91 100
92 52.2 26.3 78.8
134 26.8 13.5 40.5

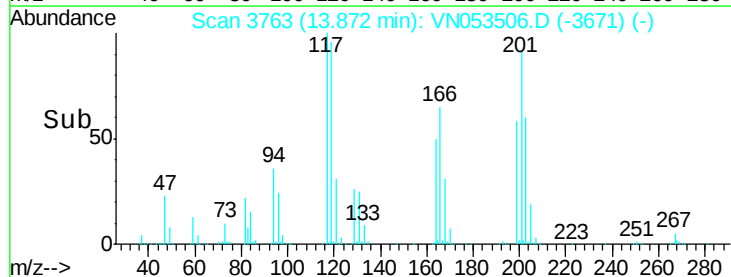
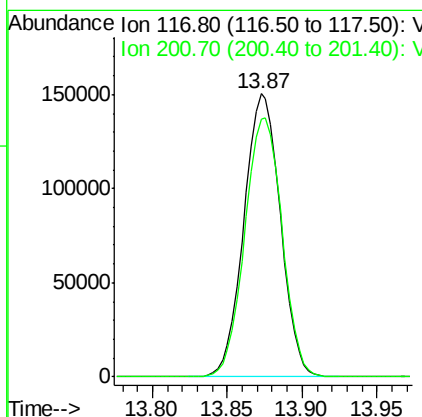
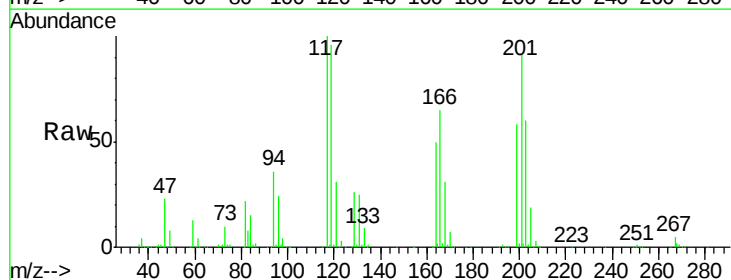
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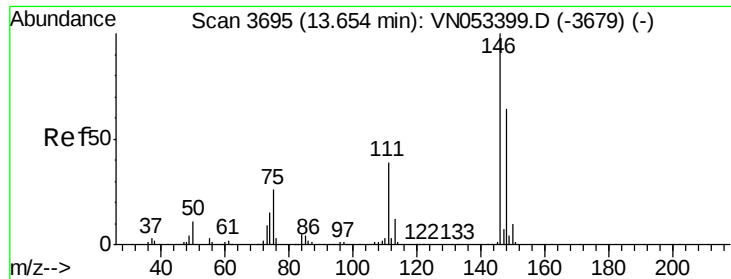
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#90
Hexachloroethane
Concen: 51.114 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Tgt Ion: 117 Resp: 255293
Ion Ratio Lower Upper
117 100
201 93.7 46.8 140.4





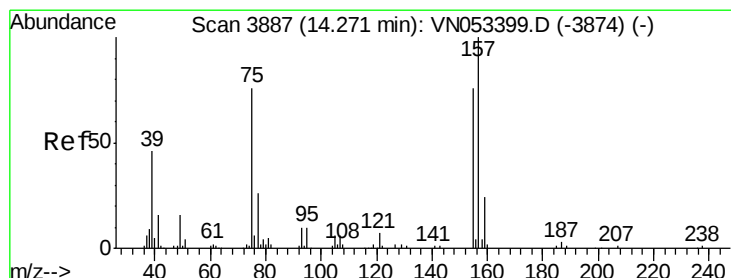
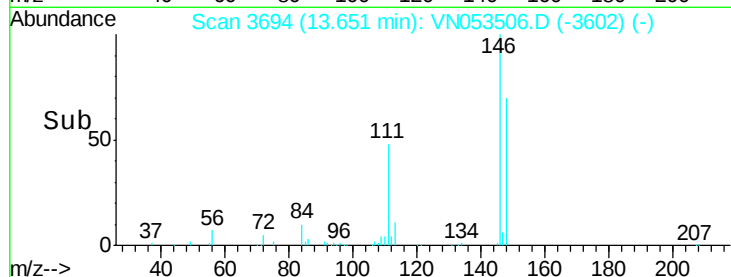
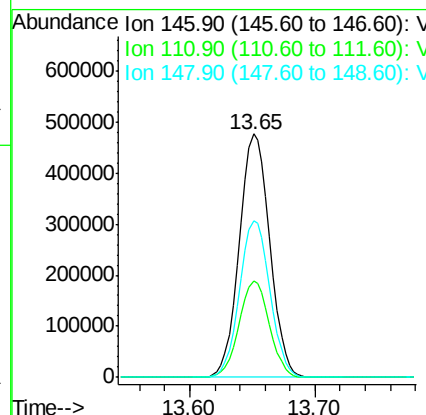
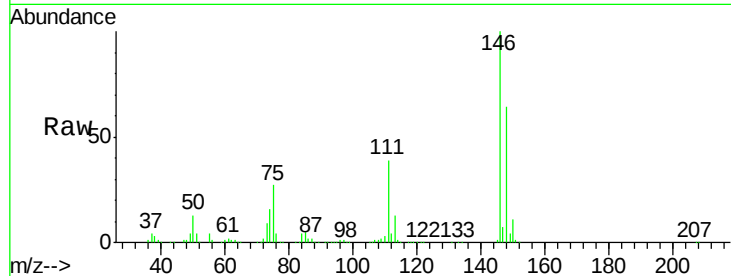
#91
 1,2-Dichlorobenzene
 Concen: 50.586 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN053506.D
 Acq: 21 Jan 2019 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.5	58.5
148	64.5	31.9	95.9

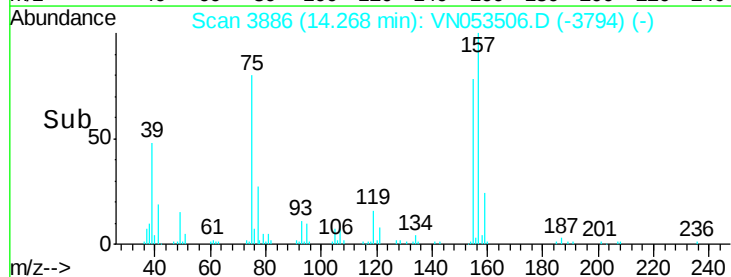
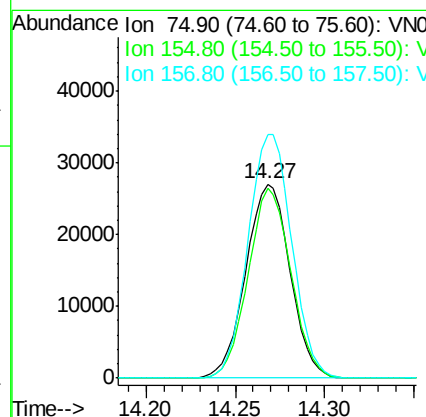
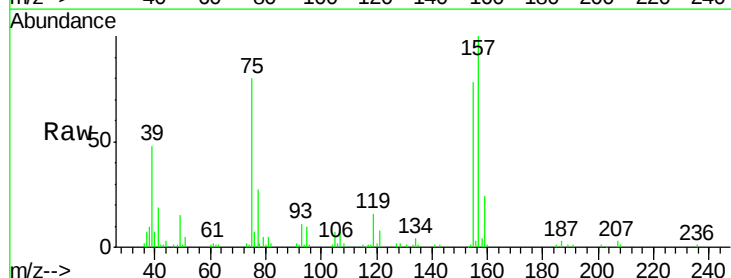
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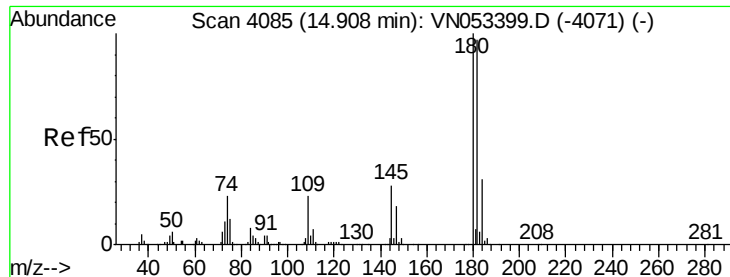
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.243 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN053506.D
 Acq: 21 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.7	48.9	146.7
157	124.3	63.7	191.3





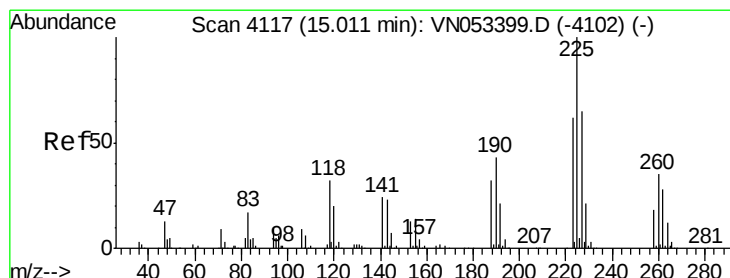
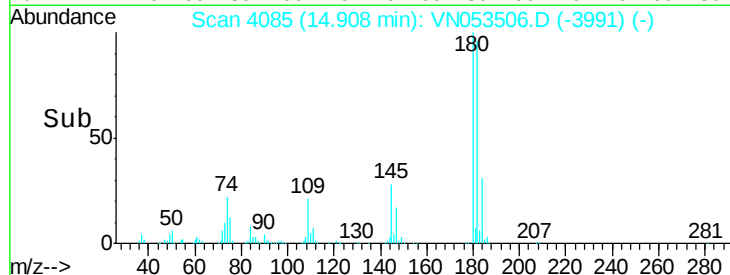
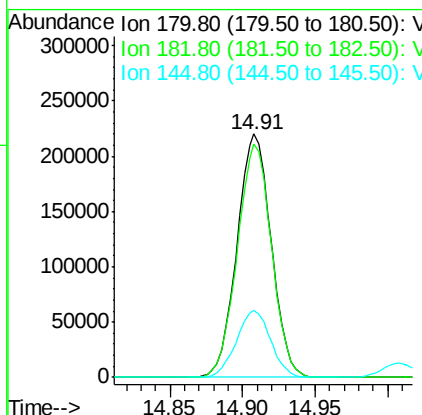
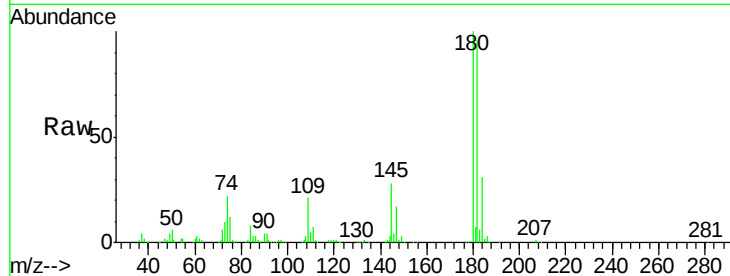
#93
 1,2,4-Trichlorobenzene
 Concen: 51.312 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053506.D
 Acq: 21 Jan 2019 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.9	48.1	144.3	
145	27.7	13.9	41.6	

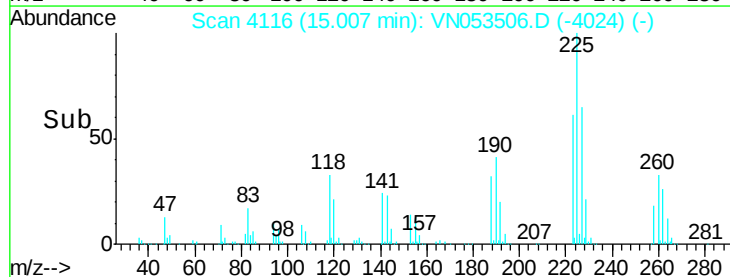
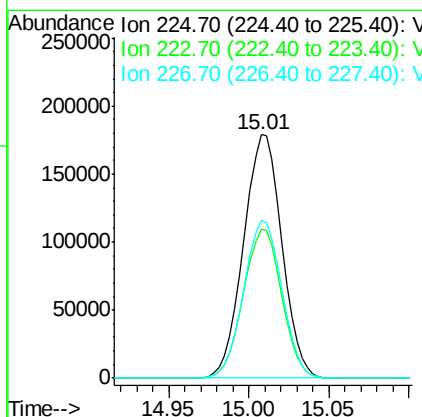
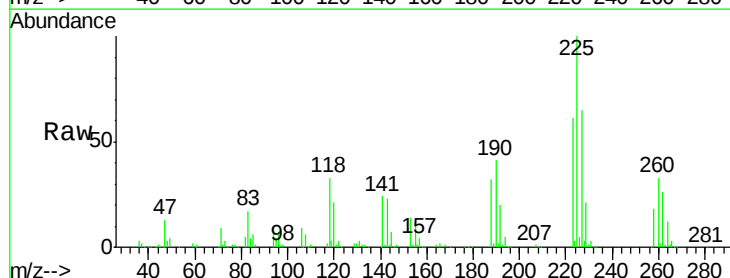
Manual Integrations
 APPROVED

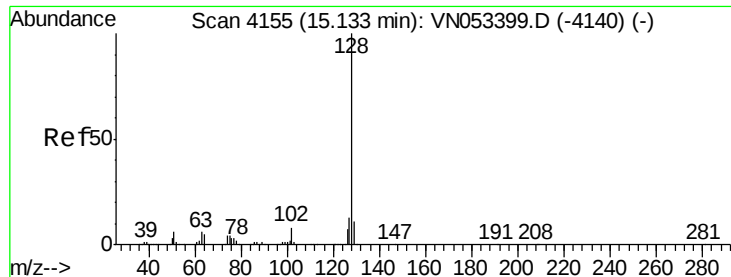
MMDadoda
 1/22/2019 9:47:46 AM



#94
 Hexachlorobutadiene
 Concen: 59.068 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN053506.D
 Acq: 21 Jan 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.2	31.1	93.2	
227	64.4	32.0	96.2	





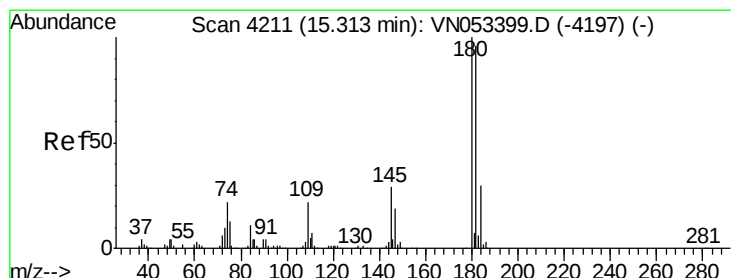
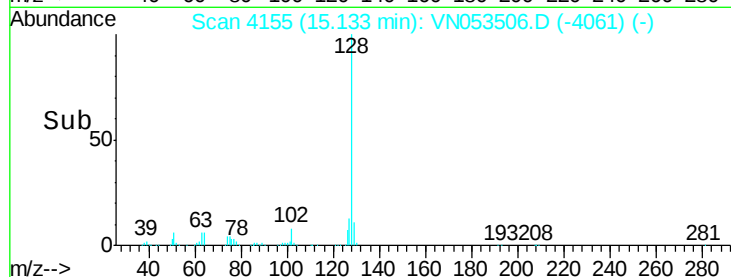
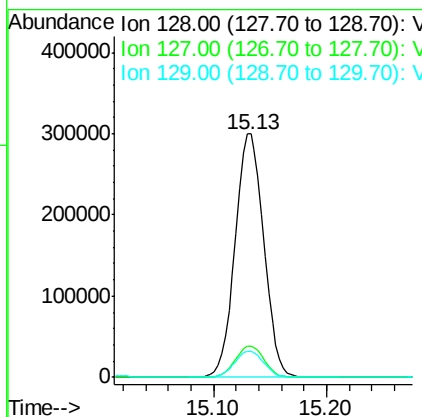
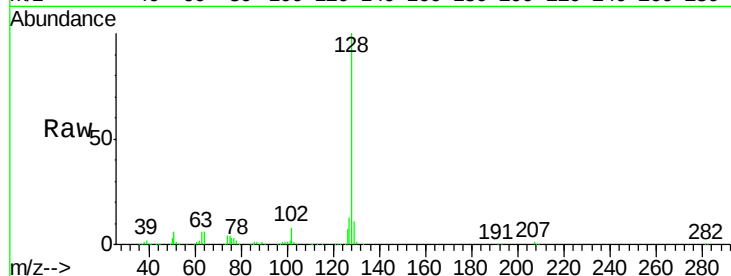
#95
Naphthalene
Concen: 43.543 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
1/22/2019 9:47:46 AM



#96
1,2,3-Trichlorobenzene
Concen: 46.816 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN053506.D
Acq: 21 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.9	143.8
145	29.1	14.7	44.1

