

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056083.D
 Acq On : 7 Jun 2019 7:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/7/2019 9:42:05 AM

Quant Time: Jun 07 09:24:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	283864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	435976	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	392848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	176884	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	151508	53.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.50%	
35) Dibromofluoromethane	7.59	113	137679	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
50) Toluene-d8	10.09	98	525970	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.40	95	179230	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	161074	51.639	ug/l	100
3) Chloromethane	2.06	50	175059	56.891	ug/l	98
4) Vinyl Chloride	2.18	62	170917	55.374	ug/l	99
5) Bromomethane	2.53	94	104778	53.738	ug/l	99
6) Chloroethane	2.68	64	98143	54.840	ug/l	100
7) Trichlorofluoromethane	3.00	101	203465	51.635	ug/l	98
8) Diethyl Ether	3.40	74	84391	52.079	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	125008	52.226	ug/l	100
10) Methyl Iodide	3.94	142	186276	48.971	ug/l	98
11) Tert butyl alcohol	4.81	59	136134	277.549	ug/l	99
12) 1,1-Dichloroethene	3.72	96	128605	53.968	ug/l	97
13) Acrolein	3.60	56	42018	297.032	ug/l	95
14) Allyl chloride	4.31	41	192642	51.195	ug/l	99
15) Acrylonitrile	4.99	53	363969	304.837	ug/l	99
16) Acetone	3.82	43	294502	218.471	ug/l	100
17) Carbon Disulfide	4.04	76	285370	50.015	ug/l	99
18) Methyl Acetate	4.32	43	163960	62.060	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	419523	55.230	ug/l	99
20) Methylene Chloride	4.54	84	151924	54.703	ug/l	95
21) trans-1,2-Dichloroethene	5.03	96	136786	53.573	ug/l	96
22) Diisopropyl ether	5.96	45	428141	55.042	ug/l	97
23) Vinyl Acetate	5.89	43	1714639	279.917	ug/l	99
24) 1,1-Dichloroethane	5.84	63	248063	55.286	ug/l	100
25) 2-Butanone	6.84	43	474647	278.684	ug/l	99
26) 2,2-Dichloropropane	6.82	77	102251	29.205	ug/l	94
27) cis-1,2-Dichloroethene	6.82	96	163051	54.327	ug/l	94
28) Bromochloromethane	7.19	49	116813	55.052	ug/l	98
29) Tetrahydrofuran	7.21	42	315323	299.509	ug/l	99
30) Chloroform	7.37	83	246742	54.666	ug/l	100
31) Cyclohexane	7.65	56	223165	49.898	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	204041	54.134	ug/l	99
36) 1,1-Dichloropropene	7.79	75	182413	48.659	ug/l	99
37) Ethyl Acetate	6.93	43	189655	56.859	ug/l	99
38) Carbon Tetrachloride	7.77	117	170600	49.361	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	219868	47.082	ug/l	99
40) Benzene	8.04	78	586937	51.549	ug/l	100
41) Methacrylonitrile	7.17	41	83467	54.388	ug/l	91
42) 1,2-Dichloroethane	8.12	62	184301	50.322	ug/l	99
43) Isopropyl Acetate	8.17	43	290570	53.759	ug/l #	93
44) Trichloroethene	8.83	130	162889	49.787	ug/l	100
45) 1,2-Dichloropropane	9.12	63	153041	52.476	ug/l	98
46) Dibromomethane	9.21	93	100171	52.525	ug/l	98
47) Bromodichloromethane	9.40	83	180592	52.247	ug/l	98
48) Methyl methacrylate	9.20	41	145392	54.983	ug/l	95
49) 1,4-Dioxane	9.20	88	65287	1143.624	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	945533	279.737	ug/l	99
52) Toluene	10.16	92	365680	51.613	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	174774	43.457	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	206872	49.792	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	148125	52.779	ug/l	99
56) Ethyl methacrylate	10.43	69	225909	55.176	ug/l	98
57) 1,3-Dichloropropane	10.71	76	240167	52.641	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	402363	247.987	ug/l	100
59) 2-Hexanone	10.75	43	666703	272.146	ug/l	99
60) Dibromochloromethane	10.90	129	147531	47.778	ug/l	98
61) 1,2-Dibromoethane	11.00	107	154667	53.908	ug/l	98
64) Tetrachloroethene	10.63	164	177329	52.147	ug/l	98
65) Chlorobenzene	11.43	112	396357	50.695	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	141800	52.526	ug/l	99
67) Ethyl Benzene	11.51	91	686935	50.528	ug/l	99
68) m/p-Xylenes	11.62	106	531555	102.351	ug/l	99
69) o-Xylene	11.95	106	259272	50.752	ug/l	100
70) Styrene	11.96	104	439048	54.091	ug/l	99
71) Bromoform	12.13	173	105745	46.839	ug/l #	99
73) Isopropylbenzene	12.25	105	681143	54.228	ug/l	100
74) N-amyl acetate	12.07	43	248508	52.705	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	211066	51.401	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	192057m	59.008	ug/l	
77) Bromobenzene	12.53	156	186094	49.140	ug/l	96
78) n-propylbenzene	12.59	91	735126	49.125	ug/l	100
79) 2-Chlorotoluene	12.67	91	450429	54.475	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	567144	47.687	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	42086	43.062	ug/l	89
82) 4-Chlorotoluene	12.77	91	438820	50.124	ug/l	100
83) tert-Butylbenzene	12.99	119	498239	54.225	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	559530	49.612	ug/l	99
85) sec-Butylbenzene	13.17	105	640532	48.334	ug/l	100
86) p-Isopropyltoluene	13.29	119	578623	48.787	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	299437	51.088	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	288546	51.176	ug/l	99
89) n-Butylbenzene	13.61	91	432523	49.229	ug/l	100
90) Hexachloroethane	13.87	117	88860	49.680	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	300720	50.818	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32477	55.297	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	148009	45.782	ug/l	99
94) Hexachlorobutadiene	15.01	225	103764	51.174	ug/l	99
95) Naphthalene	15.13	128	410501	48.634	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	161326	48.632	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 283864

Ion Ratio Lower Upper

168 100

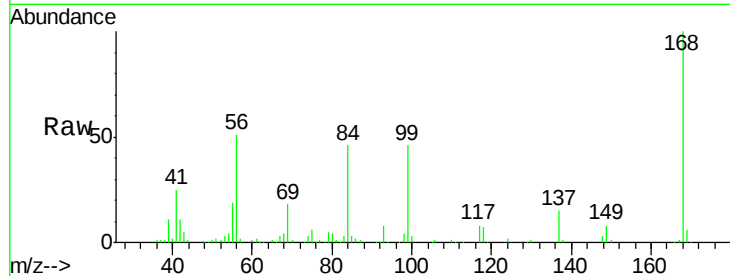
99 45.0 37.2 55.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

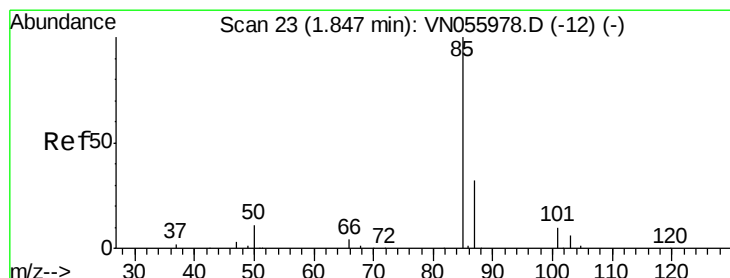
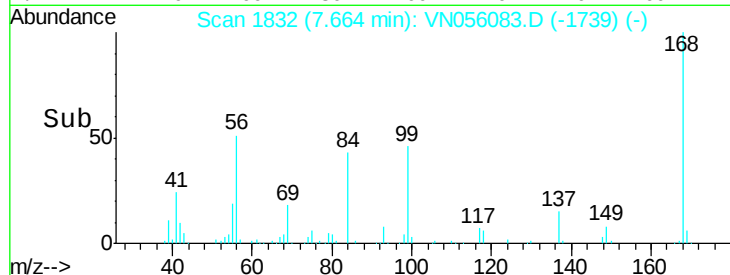
7.66

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#2

Dichlorodifluoromethane

Concen: 51.639 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056083.D

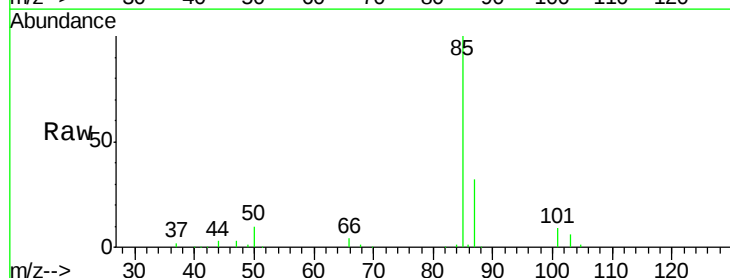
Acq: 7 Jun 2019 7:39

Tgt Ion: 85 Resp: 161074

Ion Ratio Lower Upper

85 100

87 32.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

120000

100000

80000

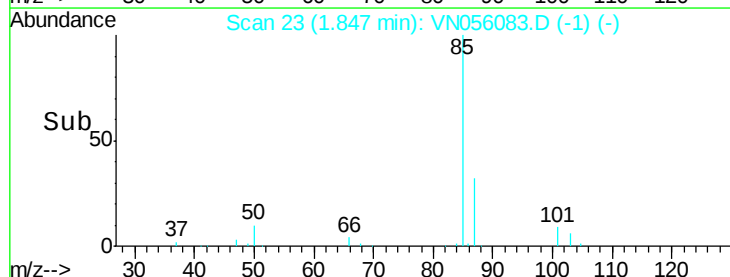
60000

40000

20000

0

Time--> 1.80 1.90 2.00





#3

Chloromethane

Concen: 56.891 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 175059

Ion Ratio Lower Upper

50 100

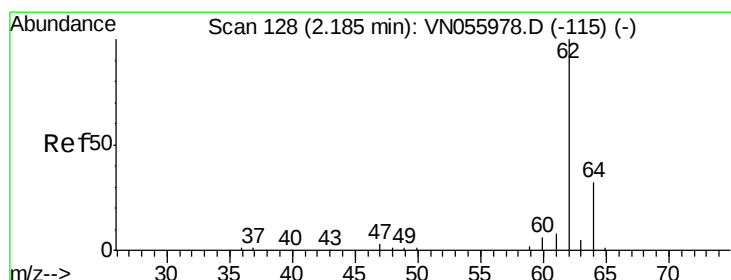
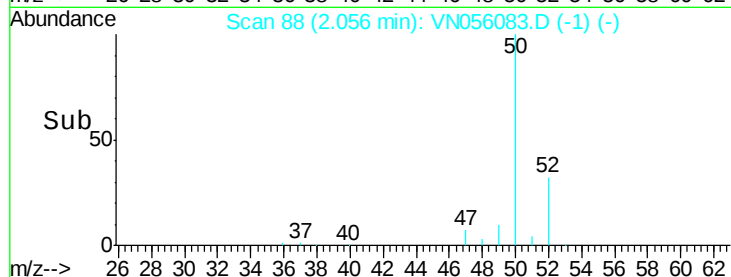
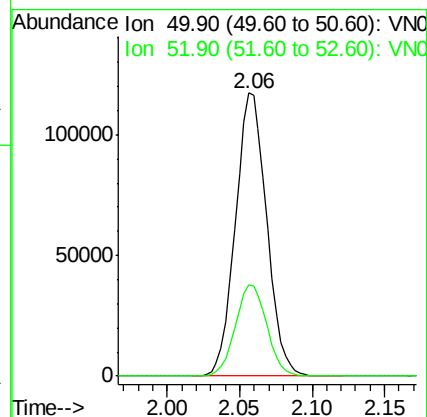
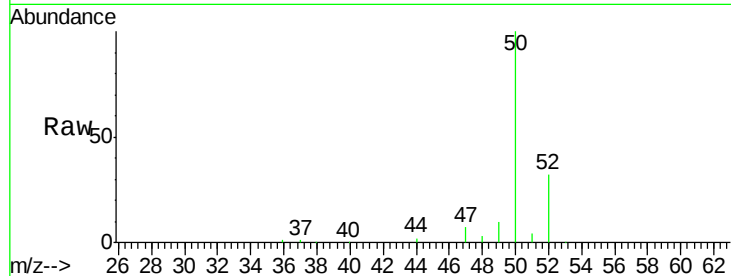
52 32.1 26.6 40.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 55.374 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056083.D

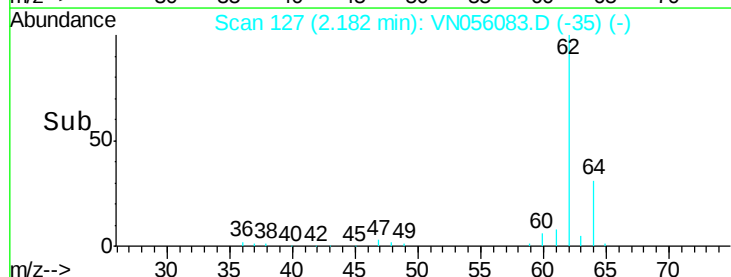
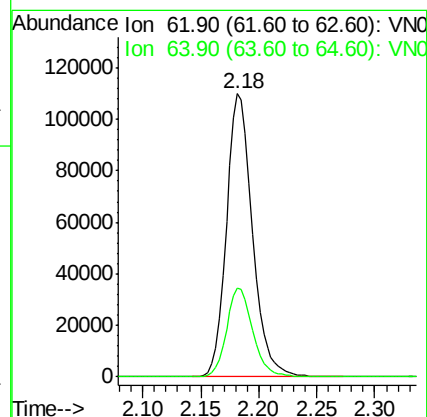
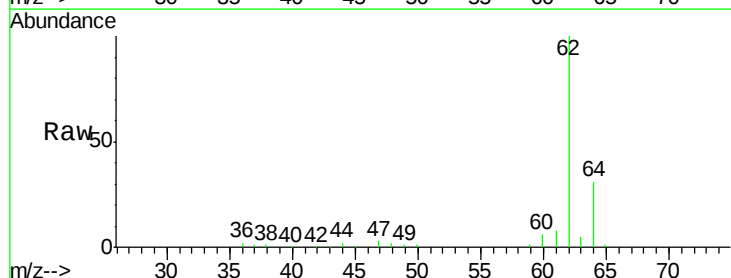
Acq: 7 Jun 2019 7:39

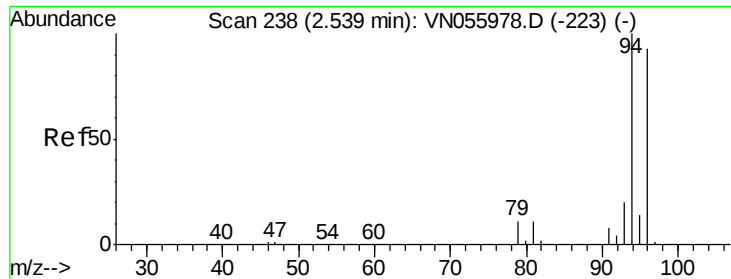
Tgt Ion: 62 Resp: 170917

Ion Ratio Lower Upper

62 100

64 31.3 25.6 38.4





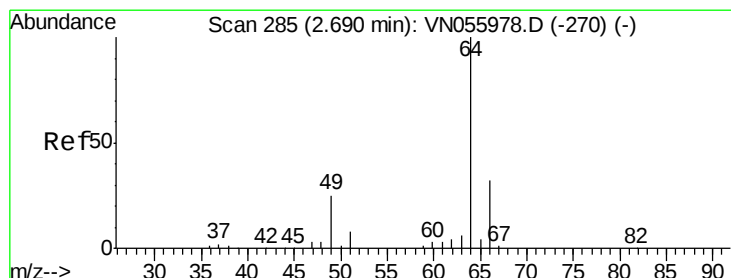
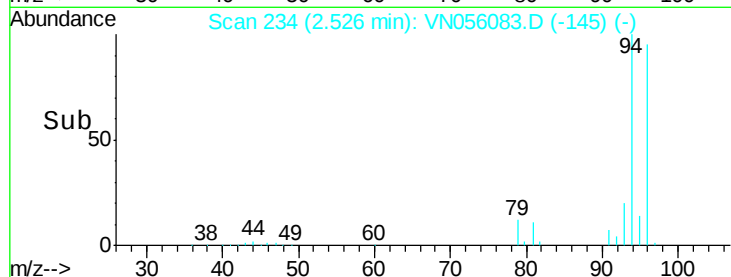
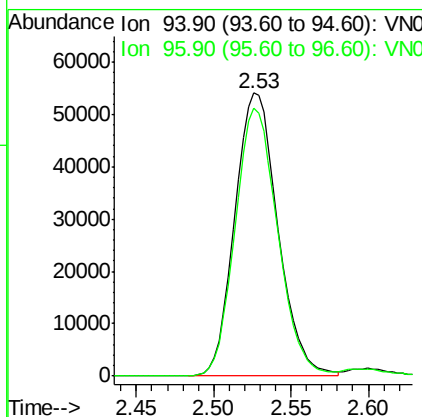
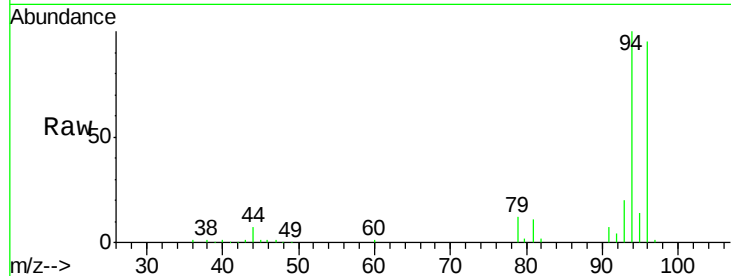
#5
Bromomethane
Concen: 53.738 ug/l
RT: 2.53 min Scan# 234
Delta R.T. -0.01 min
Lab File: VN056083.D
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Tot Ion	94	Resp	104778
Ion Ratio	100	Lower	Upper
96	94.9	75.5	113.3

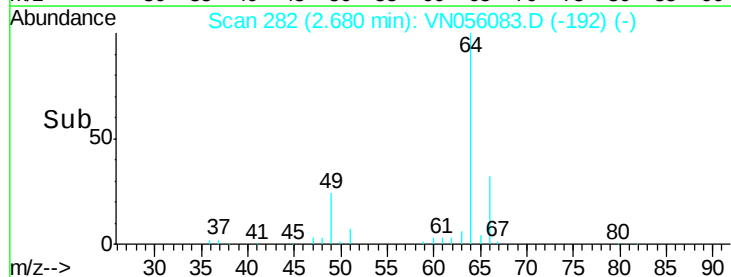
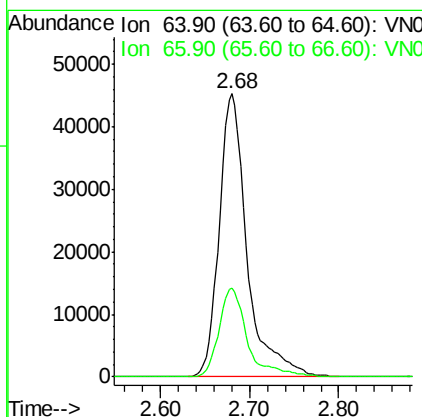
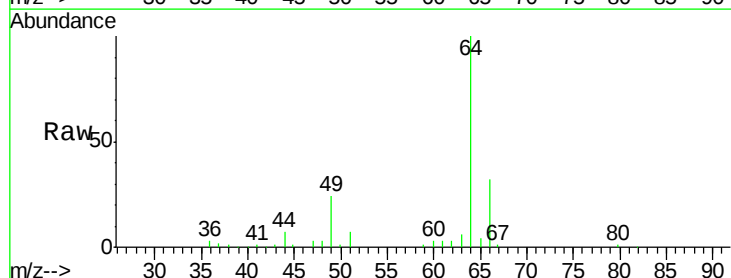
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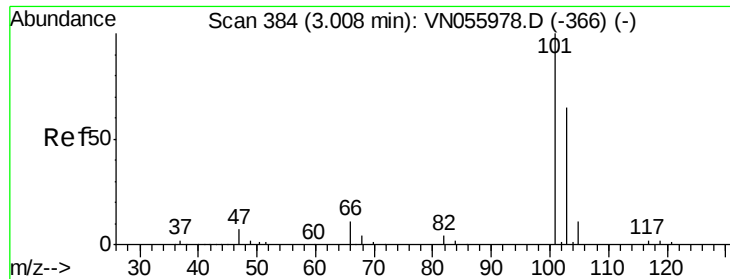
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#6
Chloroethane
Concen: 54.840 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.01 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion	64	Resp	98143
Ion Ratio	100	Lower	Upper
66	31.5	25.4	38.0





#7

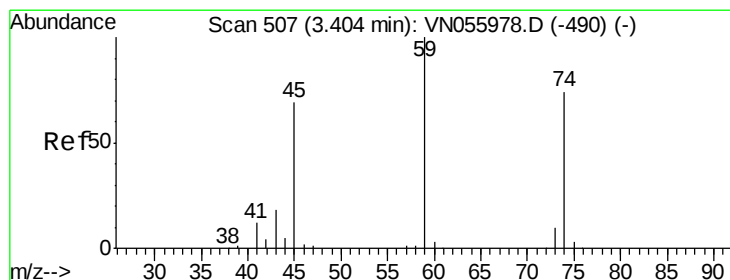
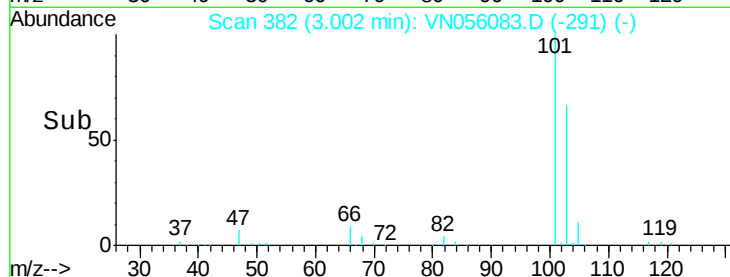
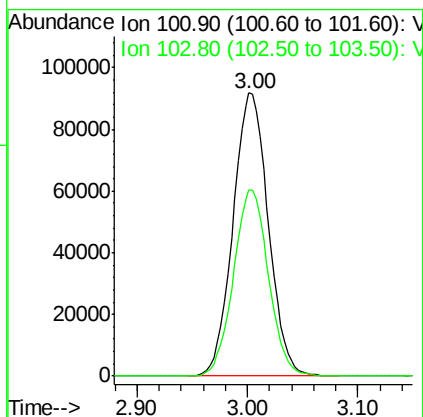
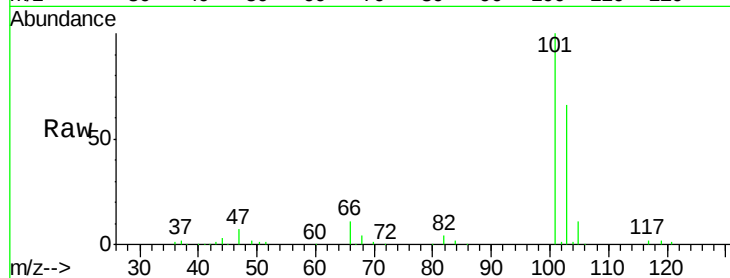
Trichlorofluoromethane
Concen: 51.635 ug/l
RT: 3.00 min Scan# 382
Delta R.T. -0.01 min
Lab File: VN056083.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.2	76.8

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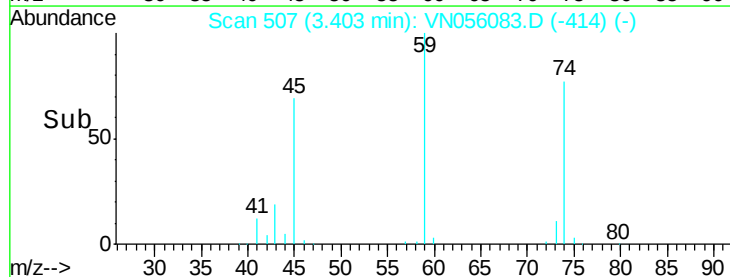
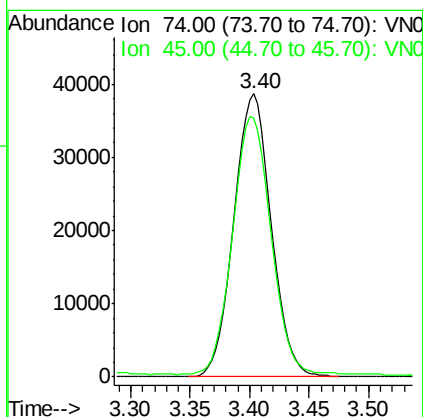
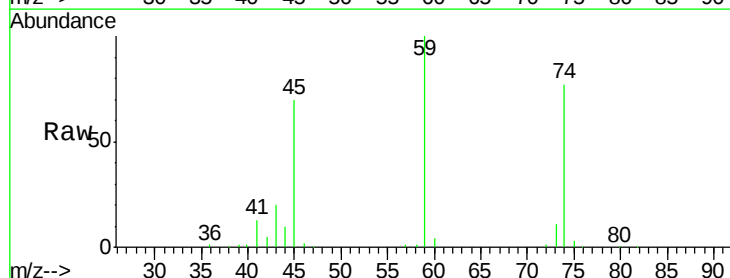
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6/7/2019 9:42:05 AM



#8

Diethyl Ether
Concen: 52.079 ug/l
RT: 3.40 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.7	48.6	145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.226 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

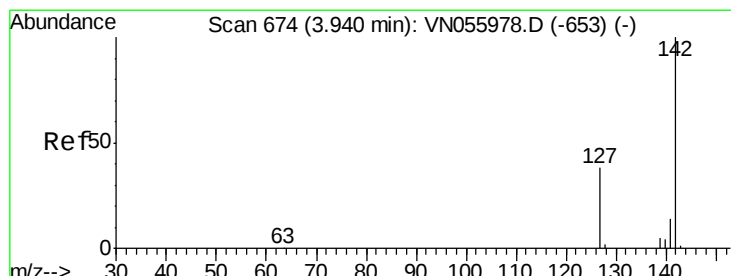
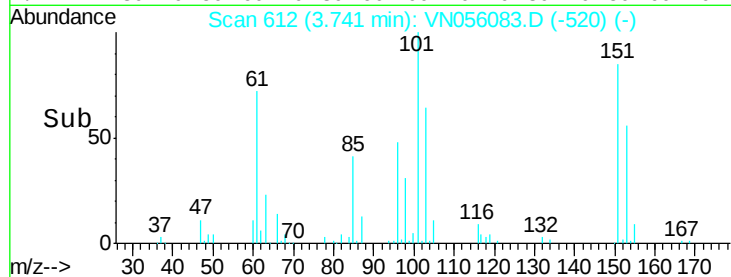
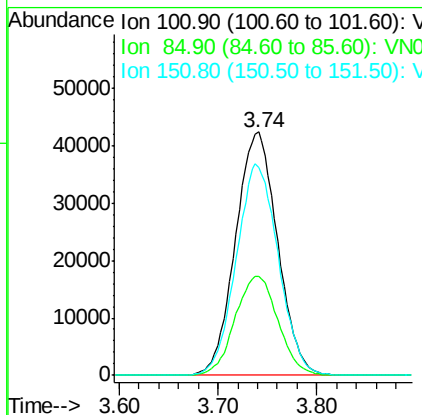
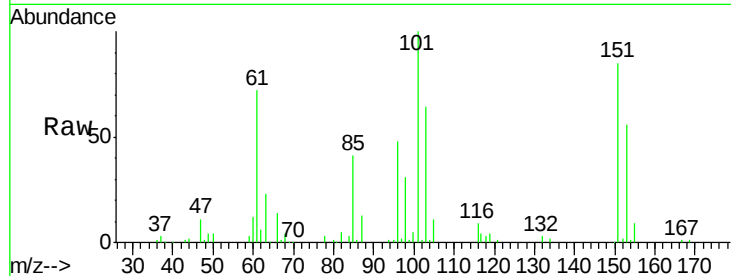
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	125008
Ion Ratio	Lower	Upper	
101	100		
85	41.5	33.4	50.2
151	87.0	69.4	104.2

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#10

Methyl Iodide

Concen: 48.971 ug/l

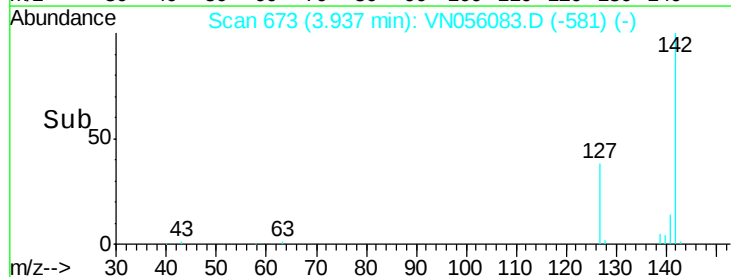
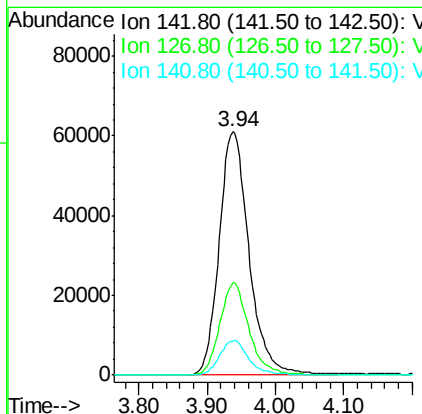
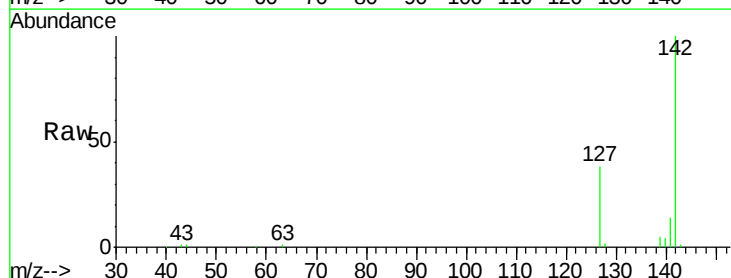
RT: 3.94 min Scan# 673

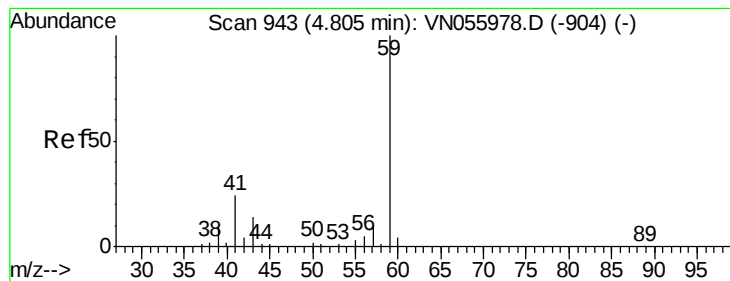
Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Tgt Ion:	142	Resp:	186276
Ion Ratio	Lower	Upper	
142	100		
127	37.0	31.0	46.4
141	13.8	11.4	17.0





#11

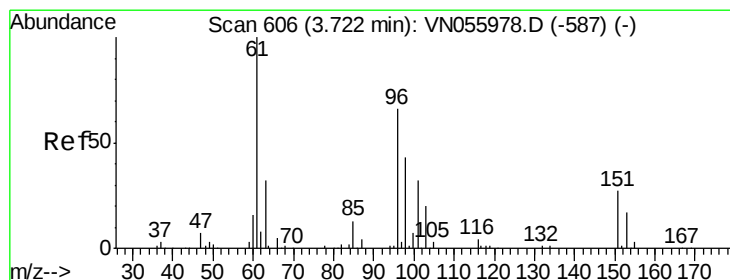
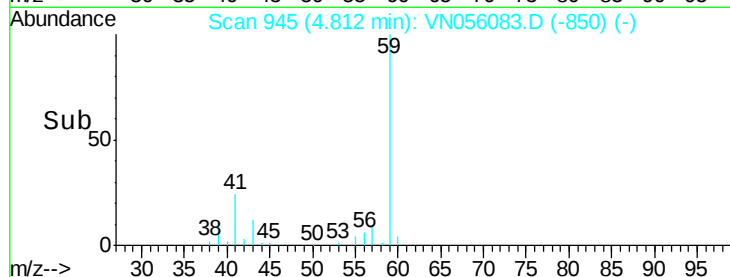
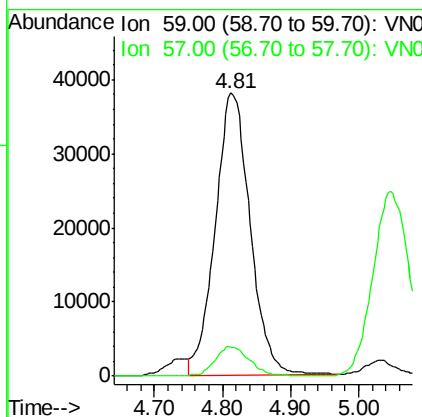
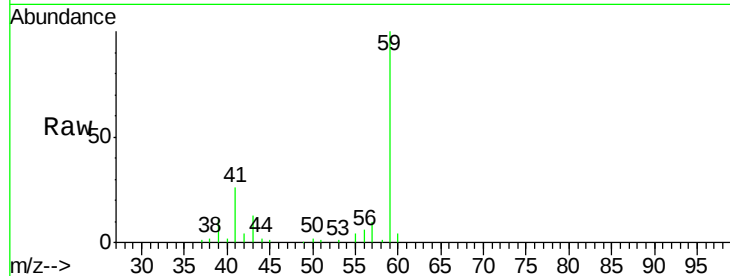
Tert butyl alcohol
Concen: 277.549 ug/l
RT: 4.81 min Scan# 945
Delta R.T. 0.01 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	7.8	11.6

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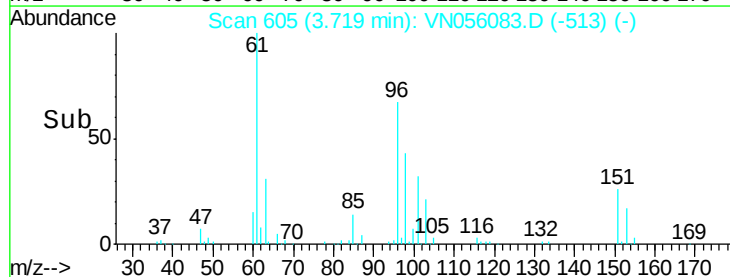
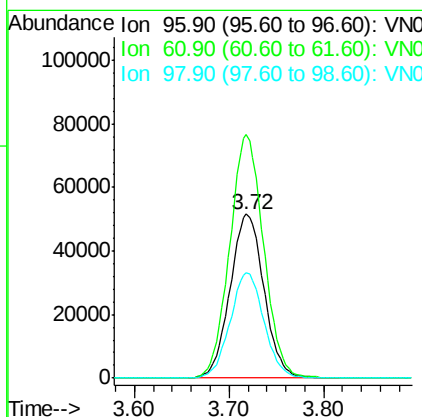
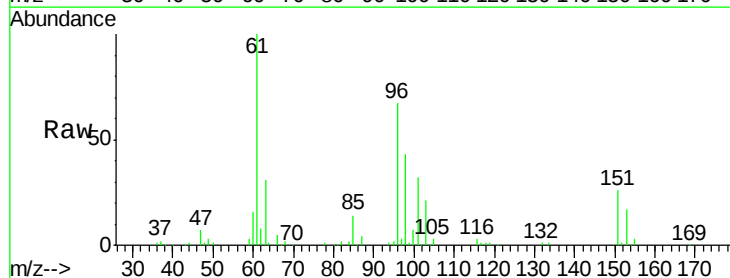
MMDadoda
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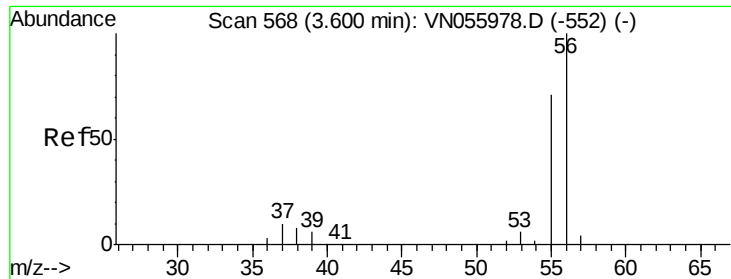


#12

1,1-Dichloroethene
Concen: 53.968 ug/l
RT: 3.72 min Scan# 605
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.7	123.2	184.8
98	64.2	50.4	75.6





#13

Acrolein

Concen: 297.032 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 42018

Ion Ratio Lower Upper

56 100

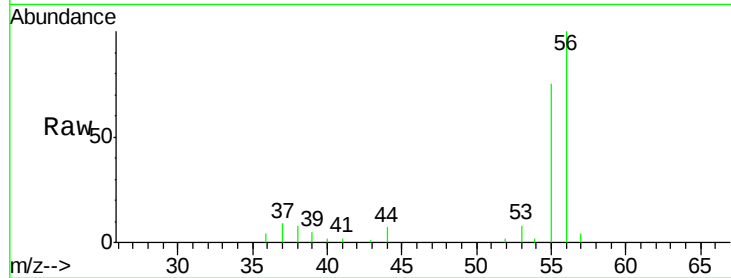
55 73.1 55.4 83.2

Manual Integrations

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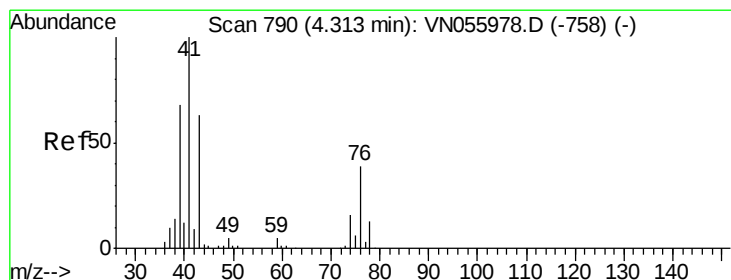
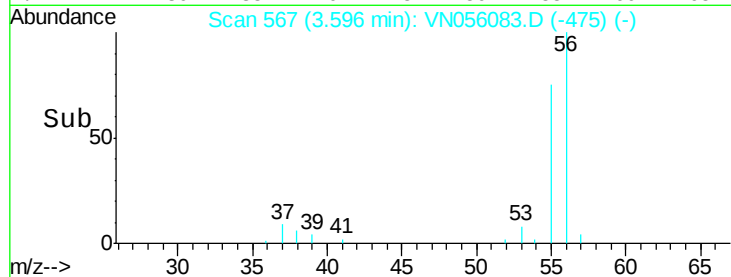
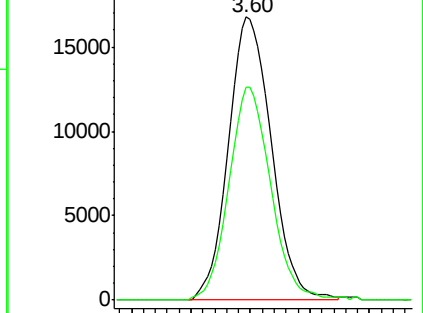
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 51.195 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

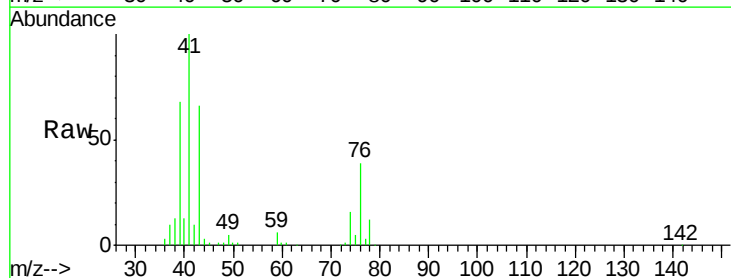
Tgt Ion: 41 Resp: 192642

Ion Ratio Lower Upper

41 100

39 61.4 50.0 75.0

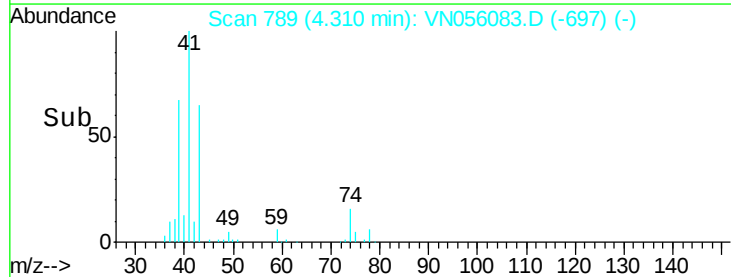
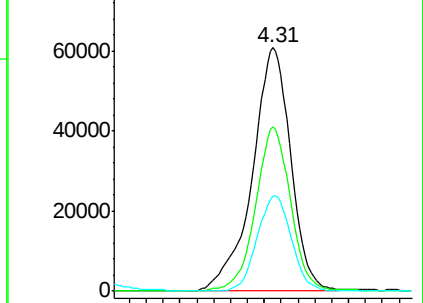
76 34.9 28.2 42.2

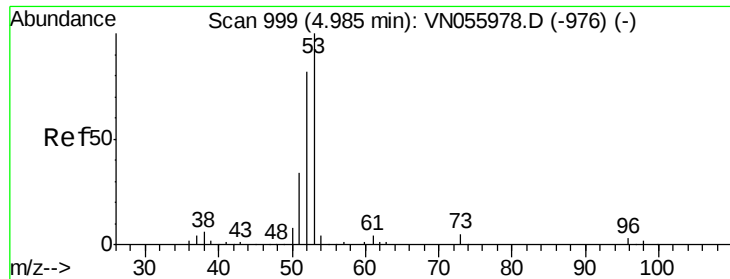


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 304.837 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

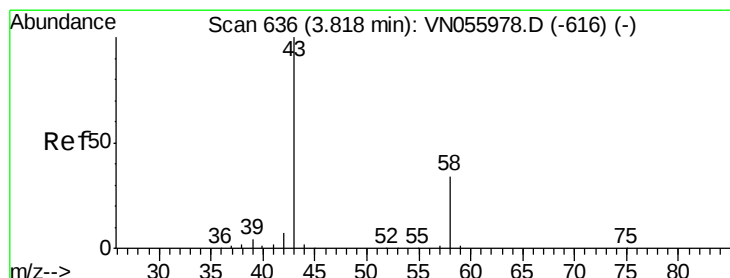
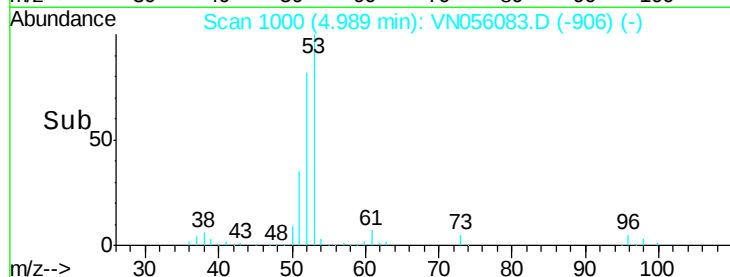
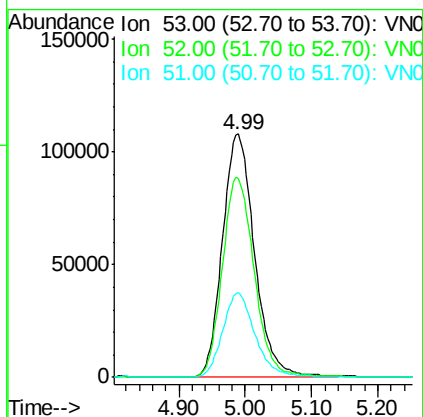
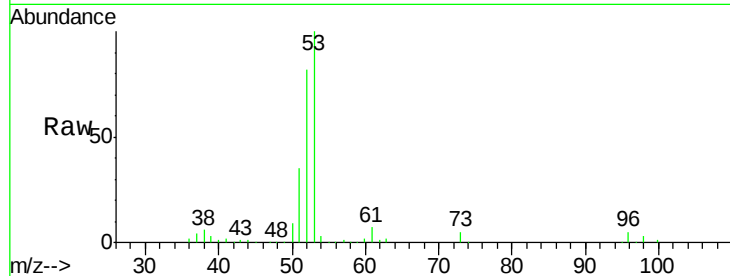
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	363969
Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.8	98.8
51	35.0	28.2	42.4

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#16

Acetone

Concen: 218.471 ug/l

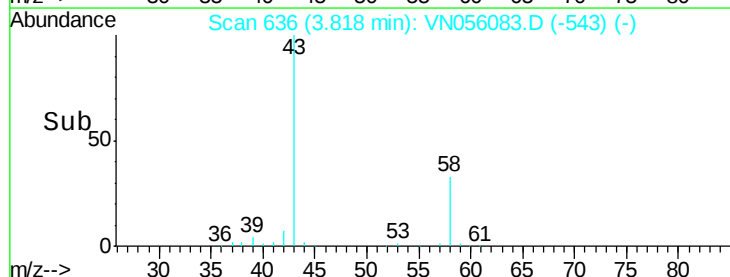
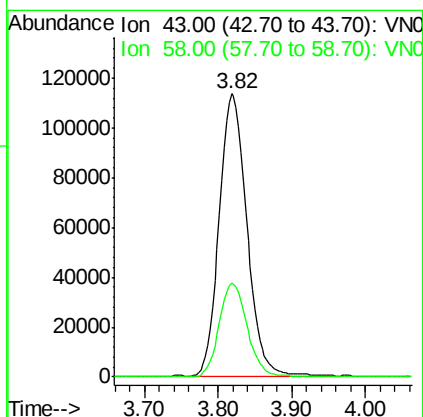
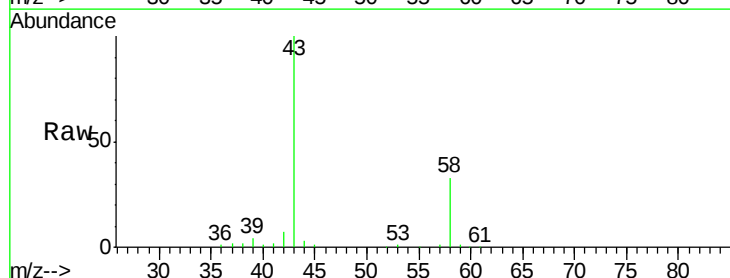
RT: 3.82 min Scan# 636

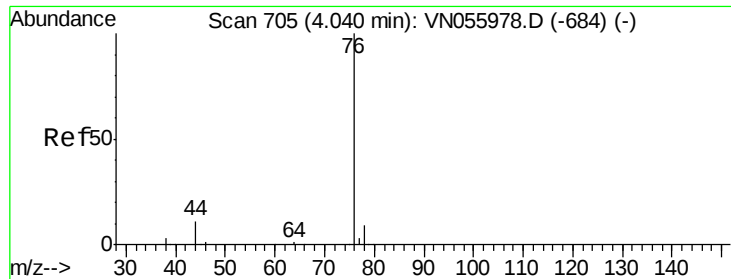
Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Tgt Ion:	43	Resp:	294502
Ion	Ratio	Lower	Upper
43	100		
58	33.2	26.6	39.8





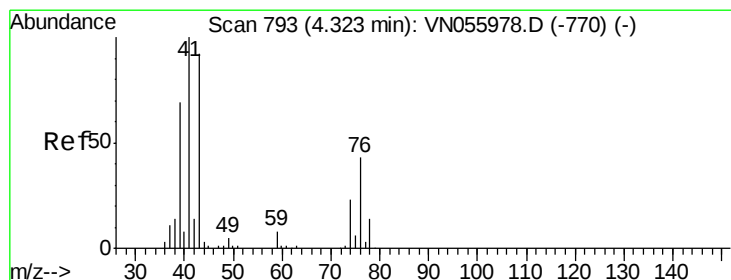
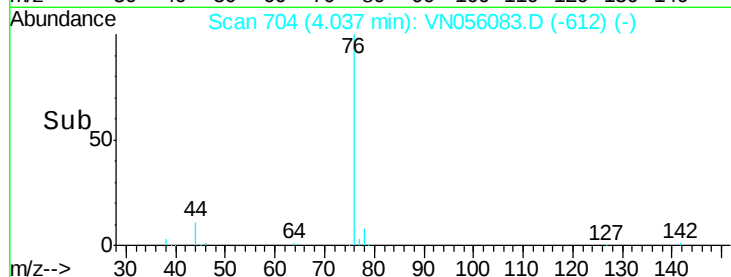
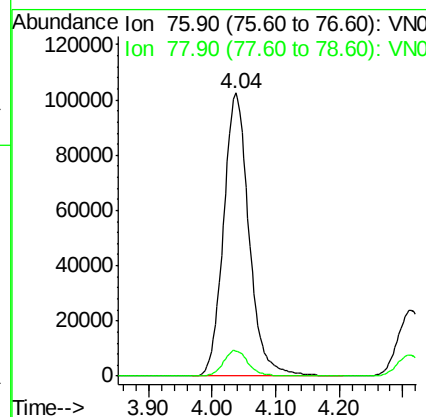
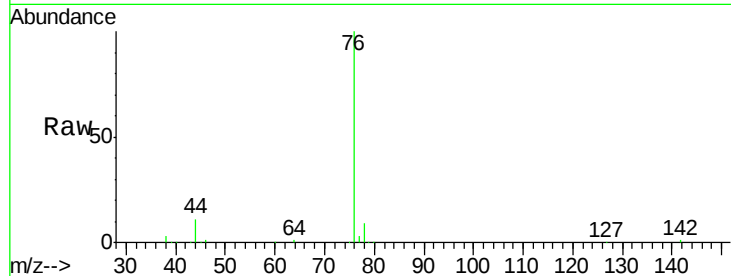
#17
Carbon Disulfide
Concen: 50.015 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 285370
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

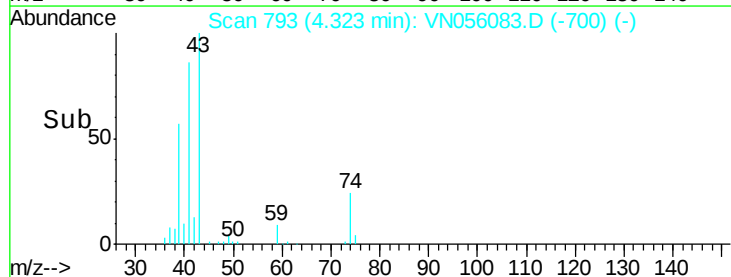
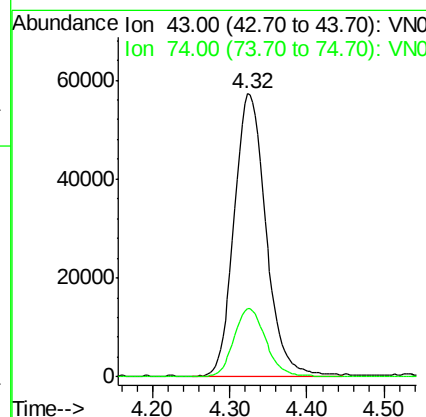
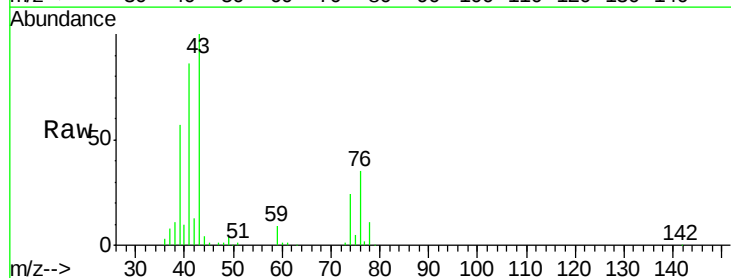
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#18
Methyl Acetate
Concen: 62.060 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion: 43 Resp: 163960
Ion Ratio Lower Upper
43 100
74 24.1 19.3 28.9





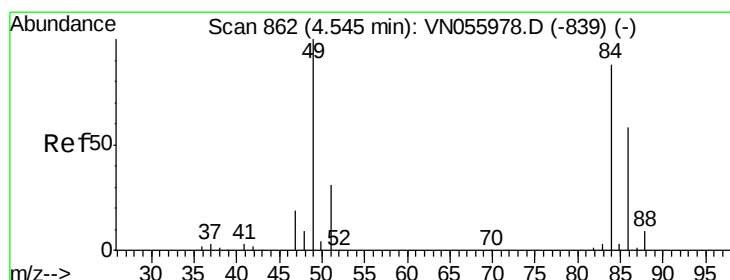
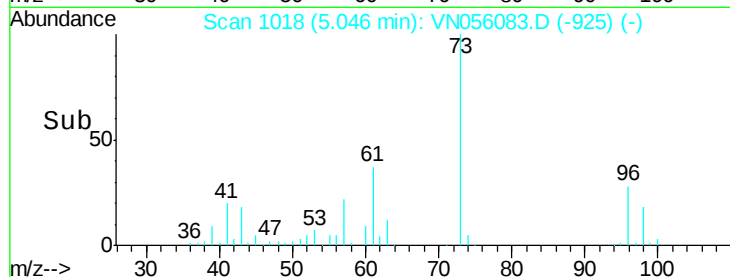
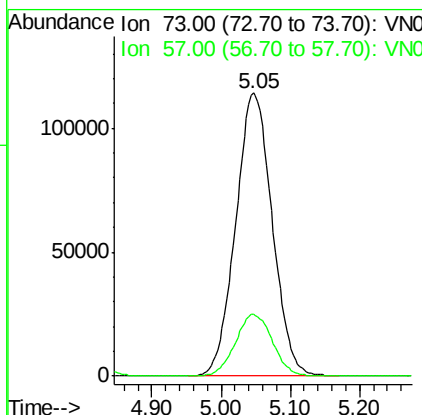
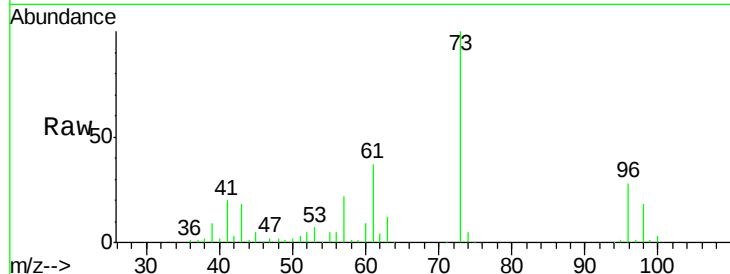
#19
Methvl tert-butvl Ether
Concen: 55.230 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 419523
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.8

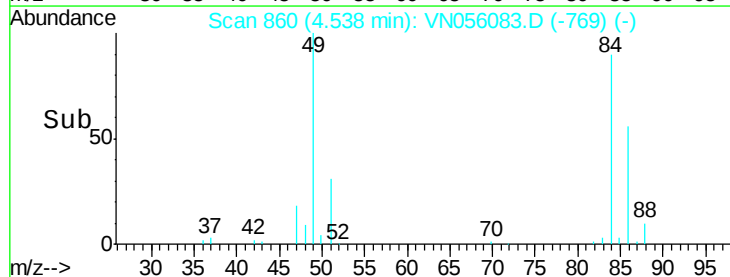
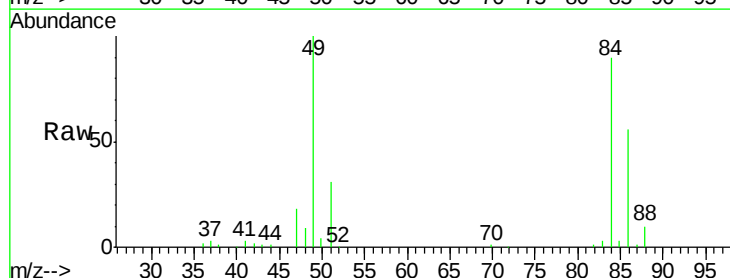
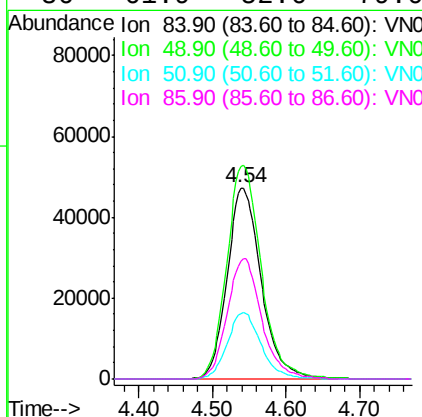
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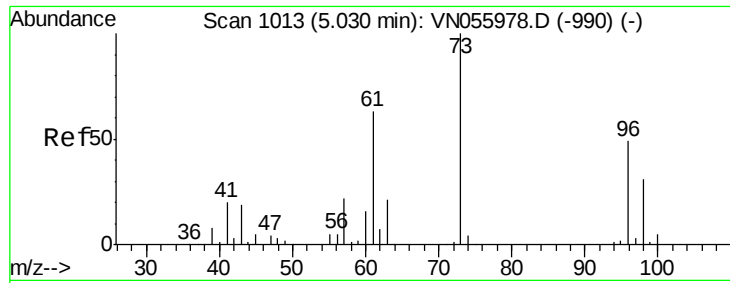
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#20
Methylene Chloride
Concen: 54.703 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.01 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion: 84 Resp: 151924
Ion Ratio Lower Upper
84 100
49 111.3 93.5 140.3
51 34.3 28.6 43.0
86 61.9 52.6 79.0





#21

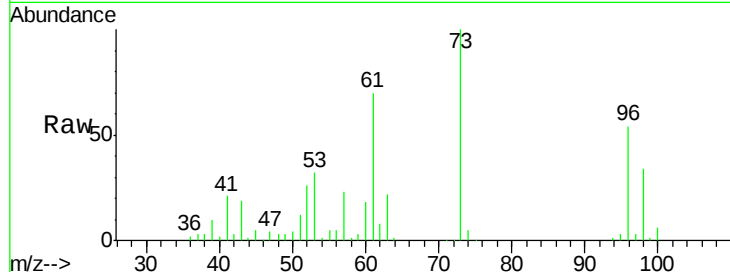
trans-1,2-Dichloroethene
Concen: 53.573 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

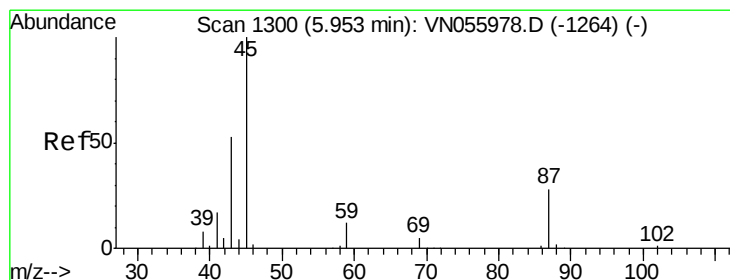
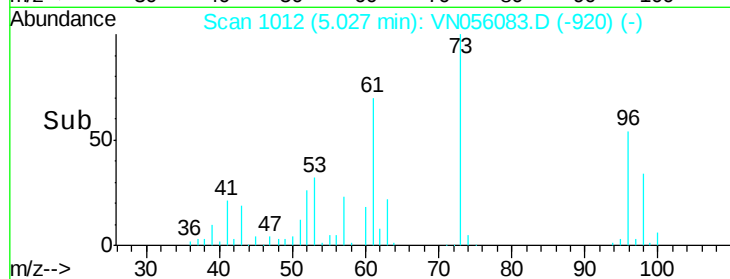
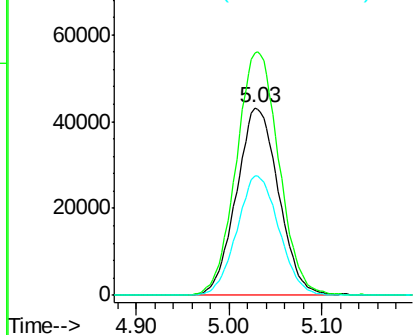
Tot Ion	Ratio	Lower	Upper
96	100		
61	129.5	107.8	161.8
98	63.5	49.8	74.8

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

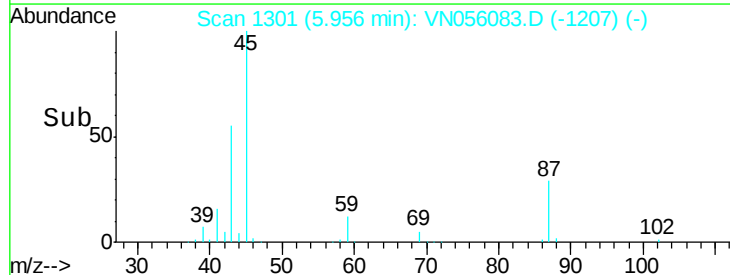
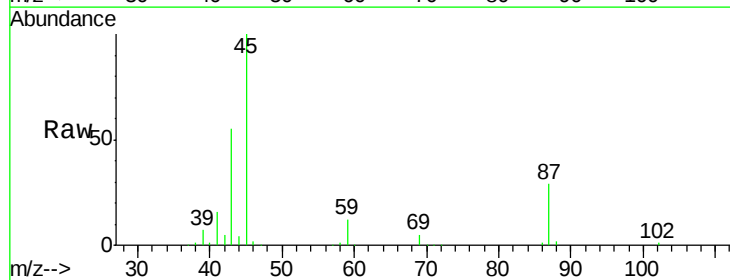
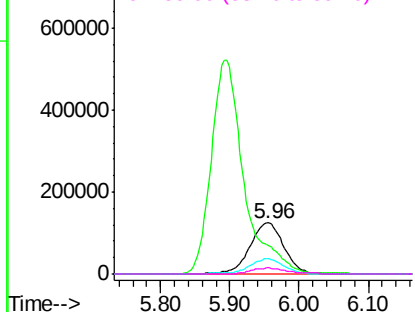


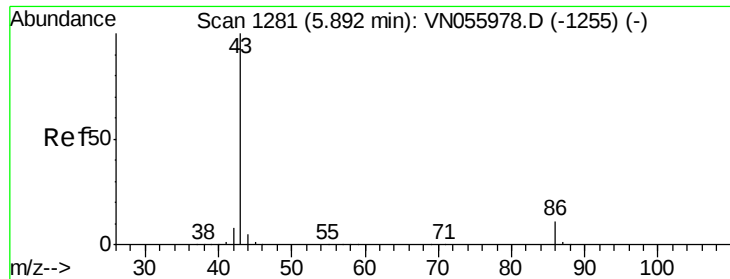
#22

Diisopropyl ether
Concen: 55.042 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion	Ratio	Lower	Upper
45	100		
43	53.8	45.0	67.6
87	28.8	22.2	33.4
59	11.3	9.1	13.7

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





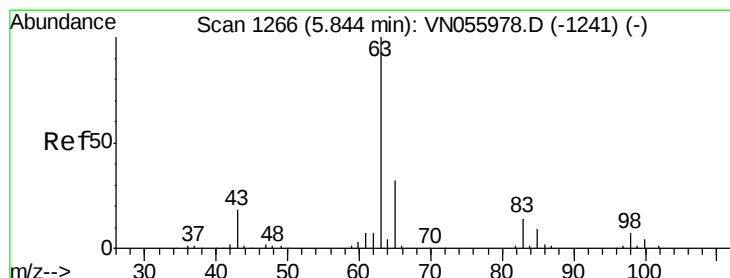
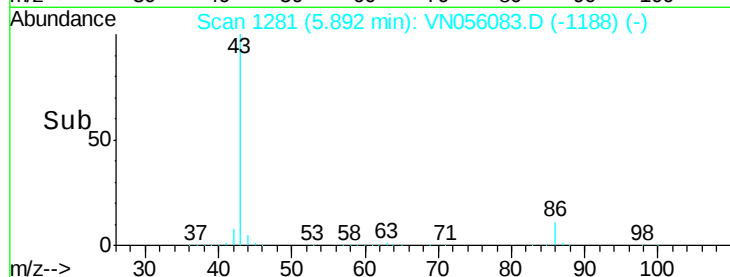
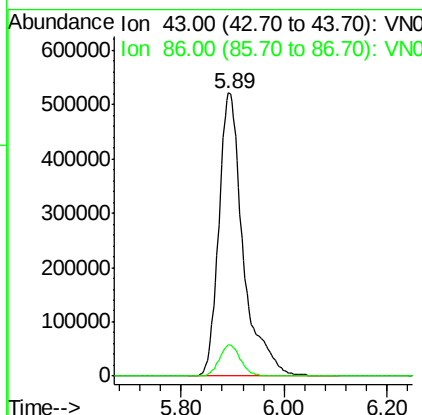
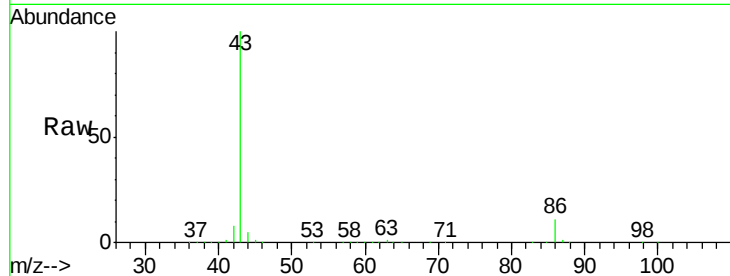
#23
 Vinyl Acetate
 Concen: 279.917 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1714639
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0

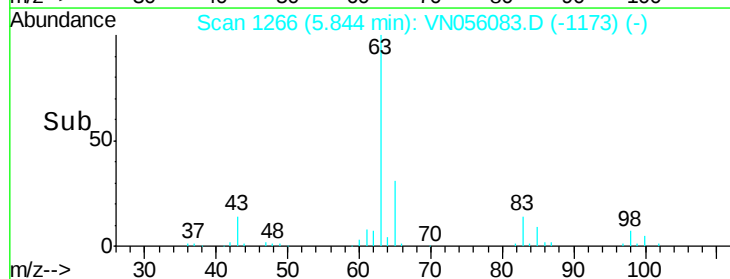
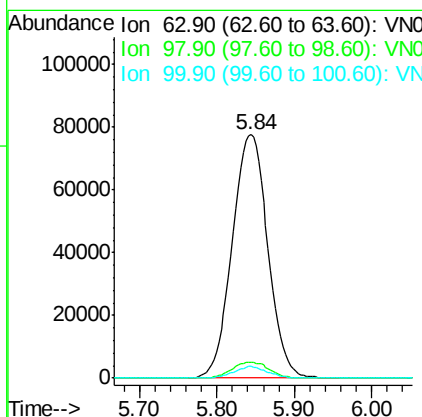
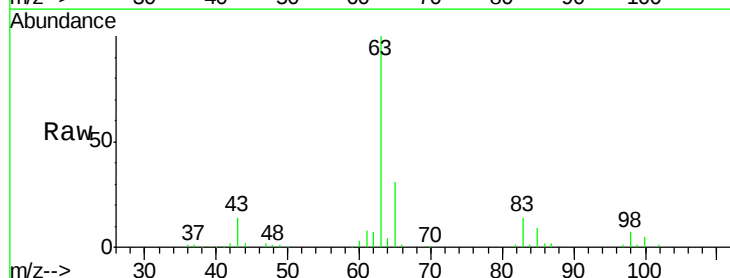
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#24
 1,1-Dichloroethane
 Concen: 55.286 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Tgt Ion: 63 Resp: 248063
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.1
 100 4.6 2.2 6.6





#25

2-Butanone

Concen: 278.684 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 474647

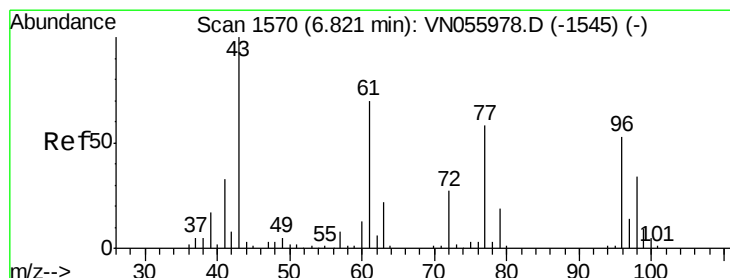
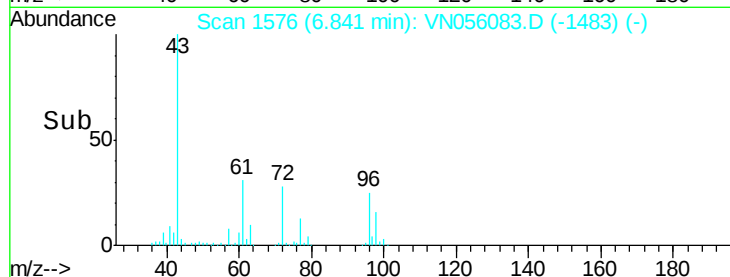
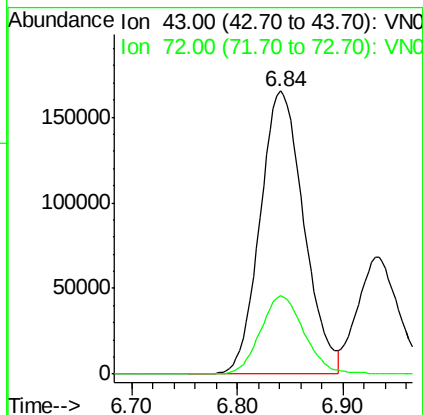
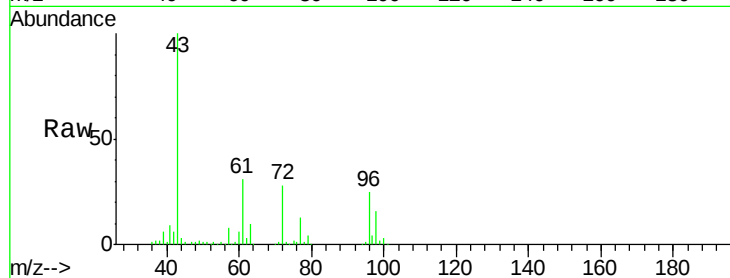
Ion Ratio Lower Upper

43 100

72 27.7 21.9 32.9

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 29.205 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN056083.D

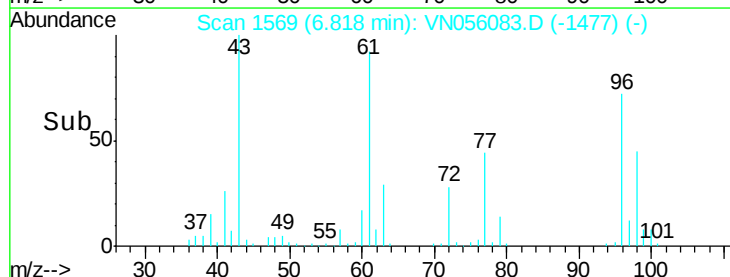
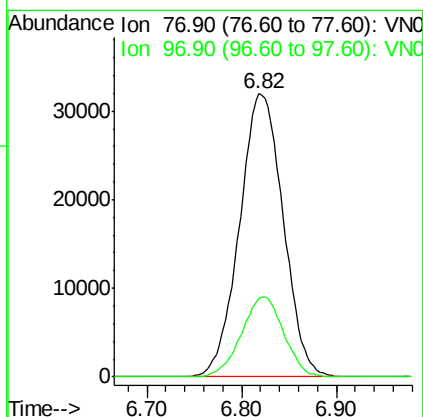
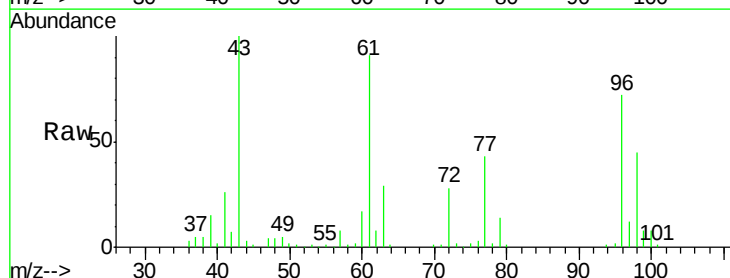
Acq: 7 Jun 2019 7:39

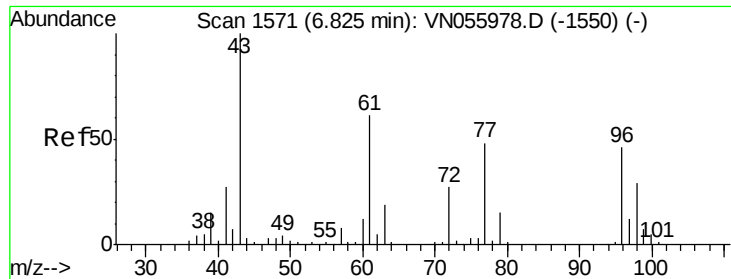
Tgt Ion: 77 Resp: 102251

Ion Ratio Lower Upper

77 100

97 27.2 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 54.327 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

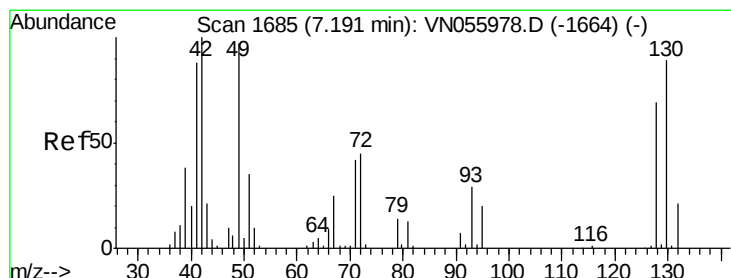
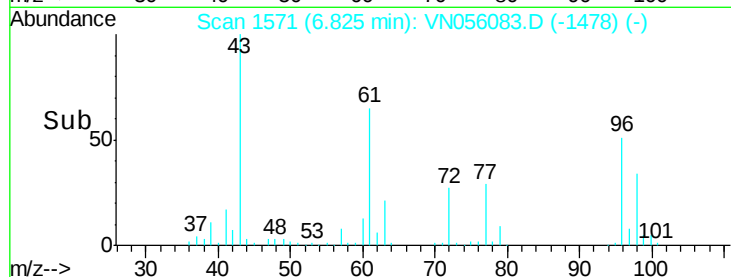
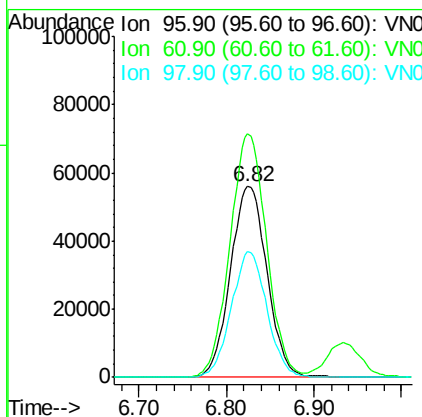
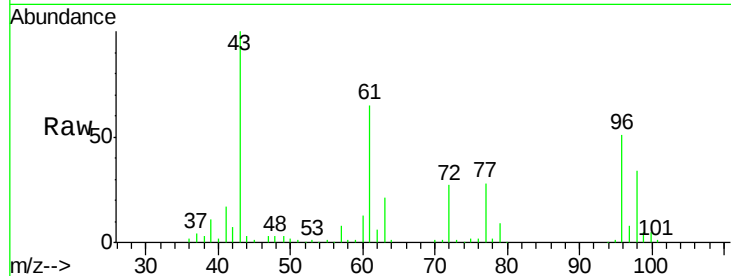
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	163051
Ion	Ratio	Lower	Upper
96	100		
61	127.3	0.0	275.8
98	63.8	0.0	128.4

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#28

Bromochloromethane

Concen: 55.052 ug/l

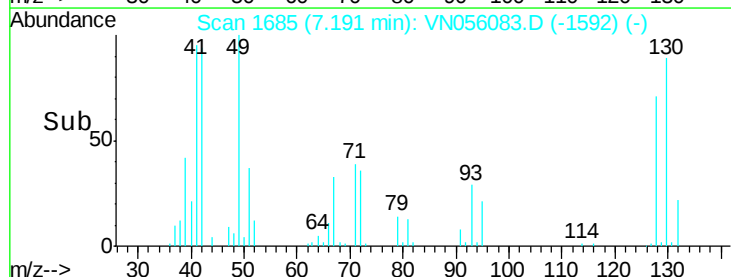
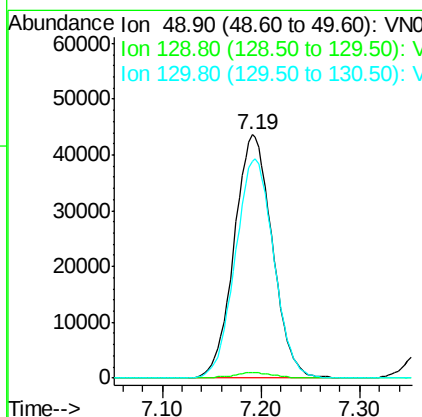
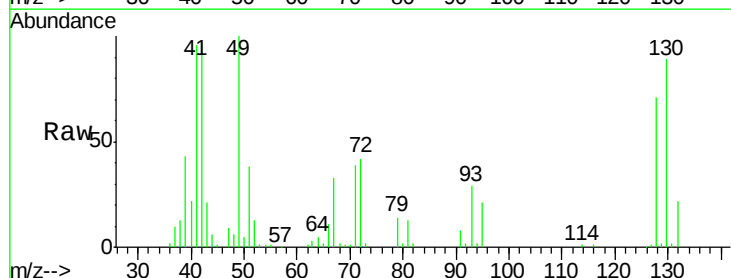
RT: 7.19 min Scan# 1685

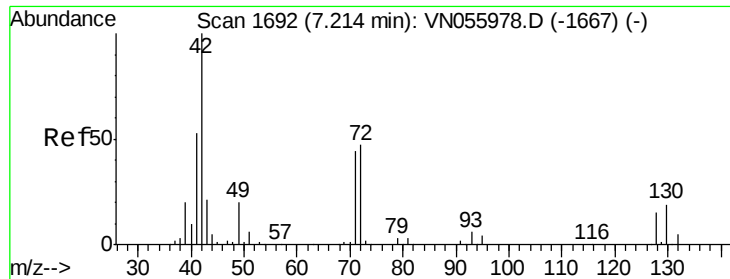
Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Tgt Ion:	49	Resp:	116813
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	90.8	71.2	106.8





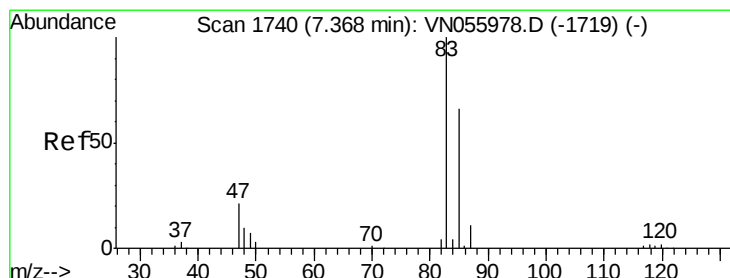
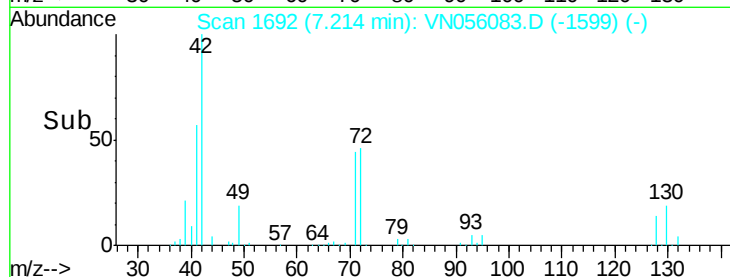
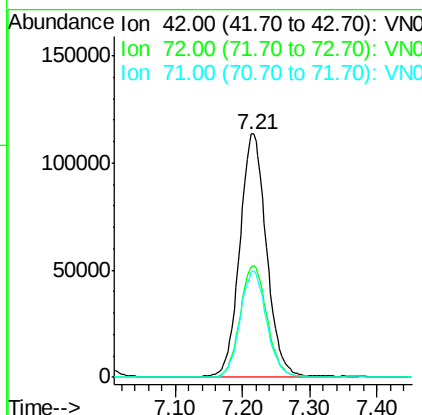
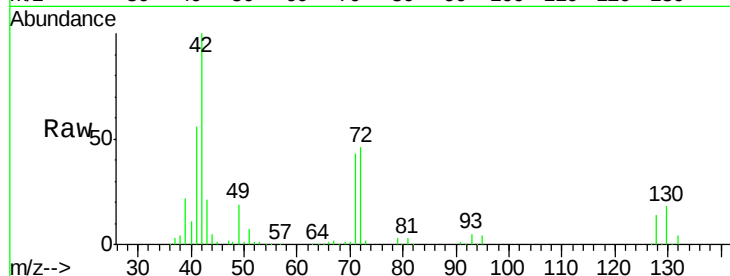
#29
Tetrahydrofuran
Concen: 299.509 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.0	35.9	53.9
71	42.8	34.0	51.0

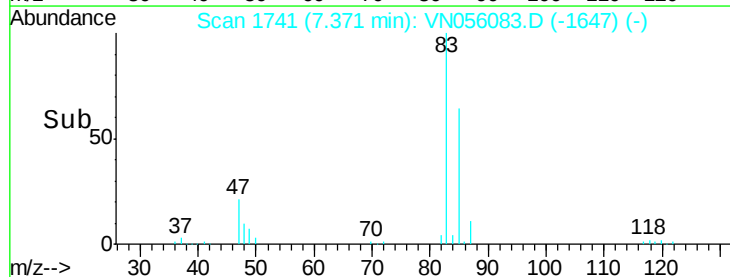
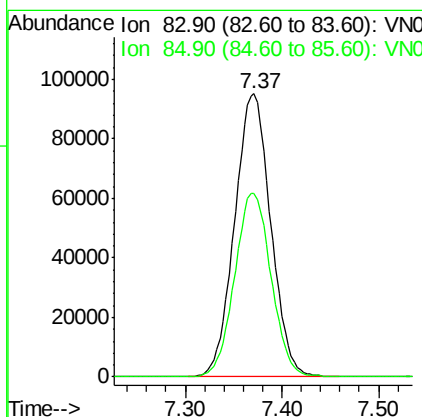
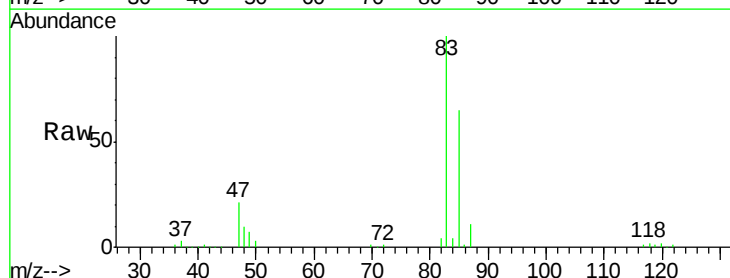
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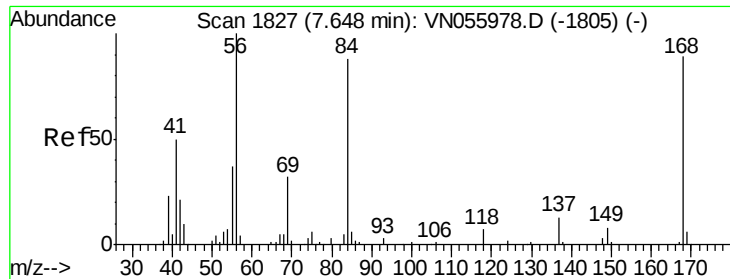
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#30
Chloroform
Concen: 54.666 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.8	77.8





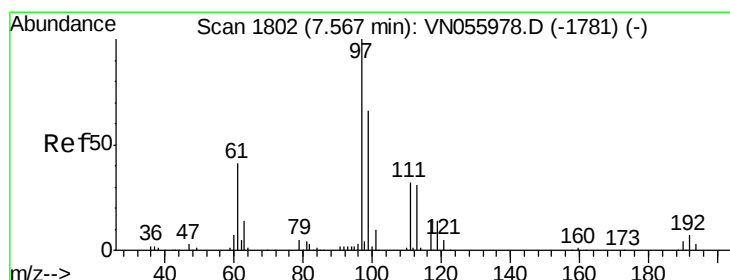
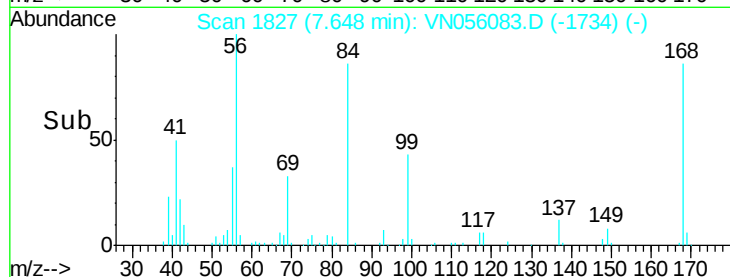
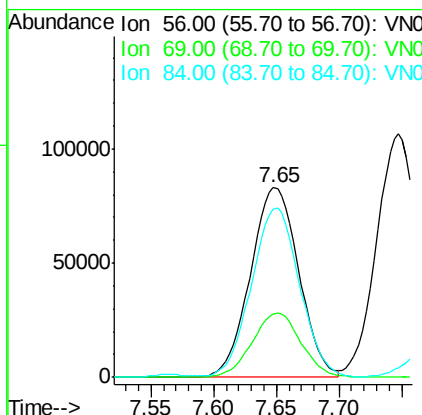
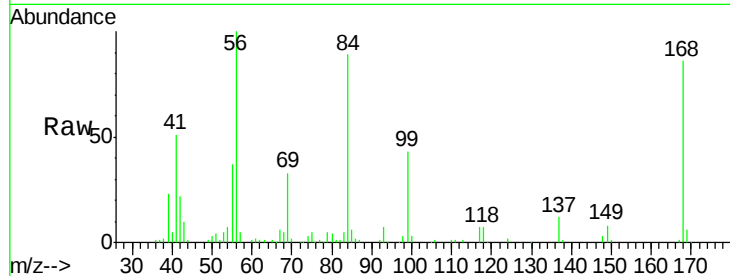
#31
Cyclohexane
Concen: 49.898 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.2	25.6	38.4
84	87.6	67.4	101.0

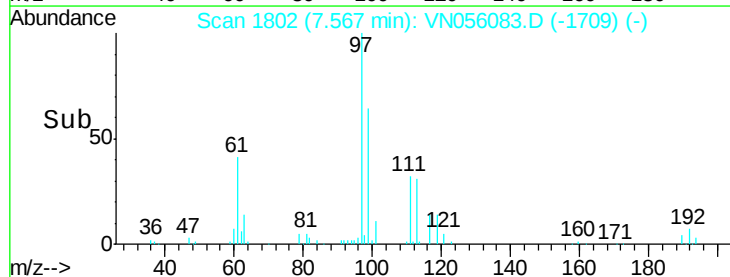
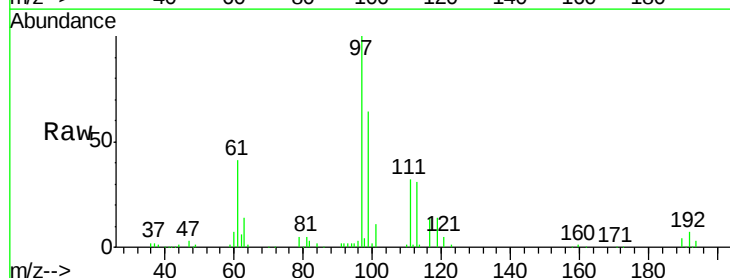
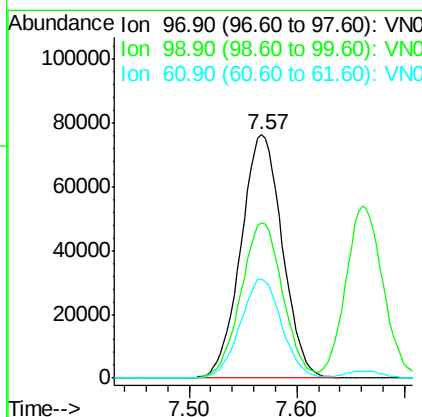
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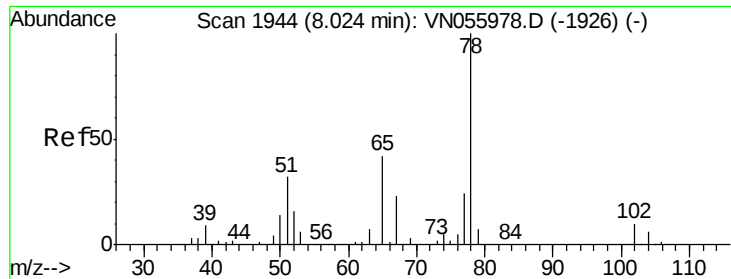
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 54.134 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.0	78.0
61	40.5	32.9	49.3





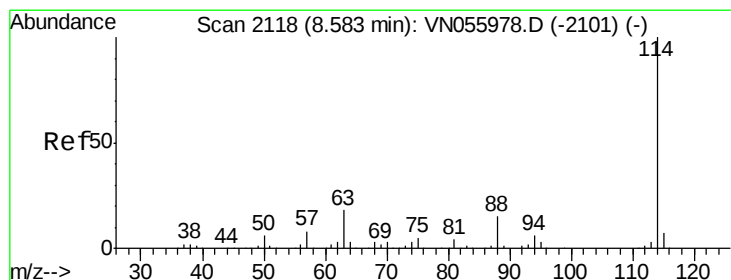
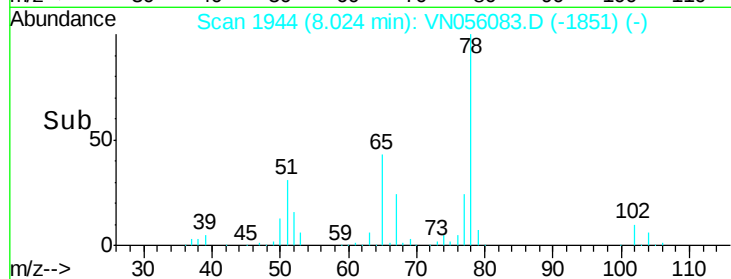
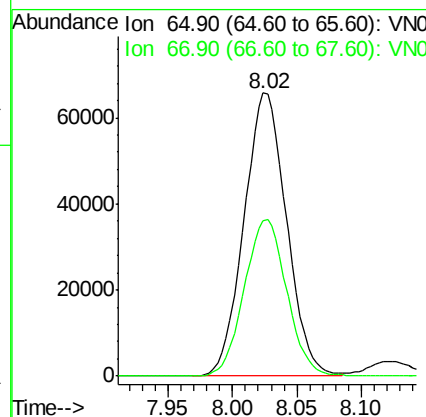
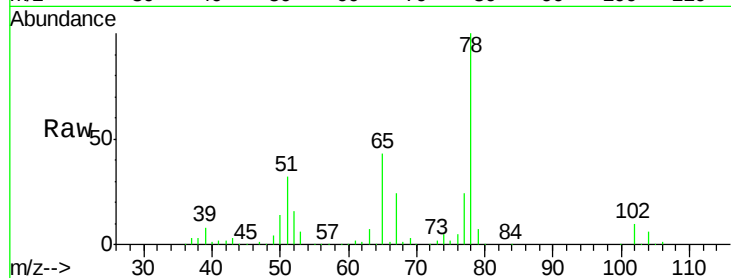
#33
 1,2-Dichloroethane-d4
 Concen: 53.754 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.1	0.0	109.2	

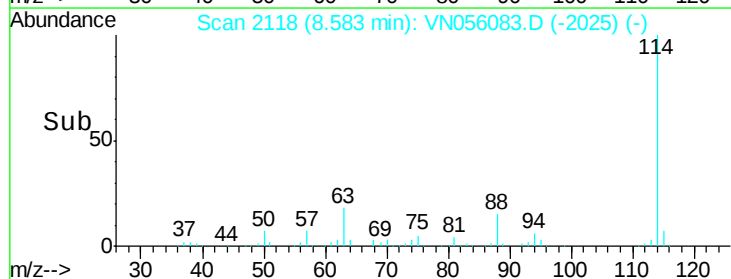
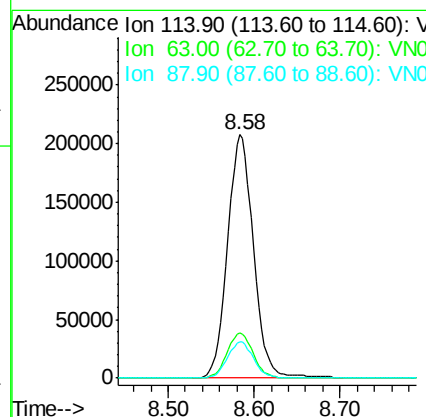
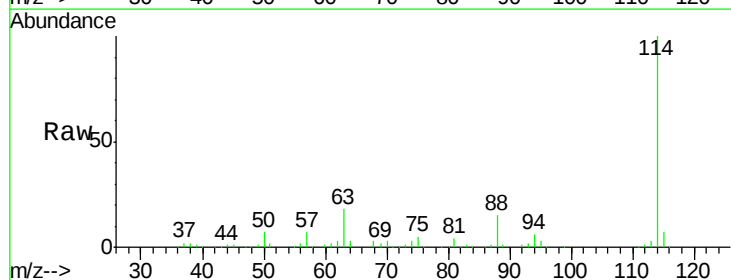
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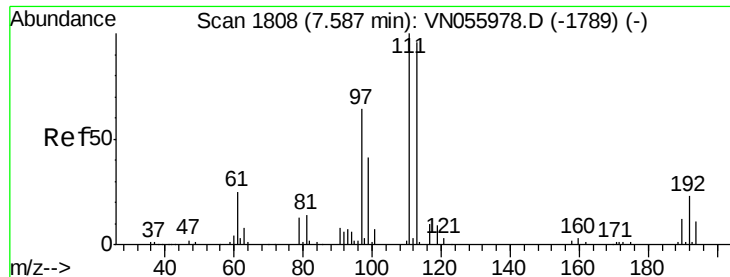
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.4	0.0	39.2	
88	14.9	0.0	31.0	





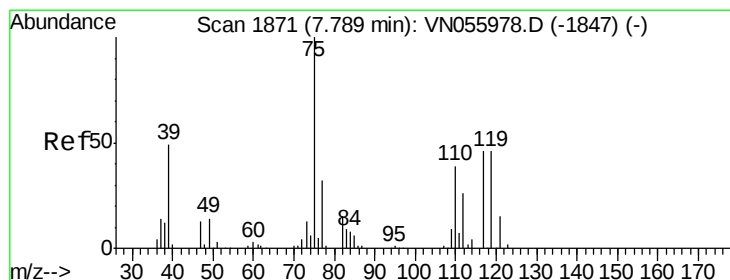
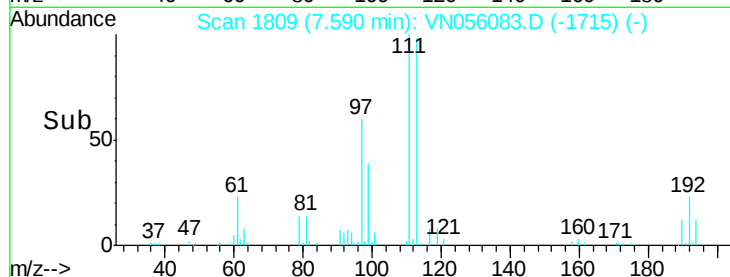
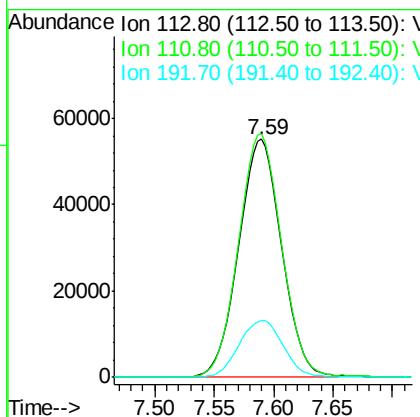
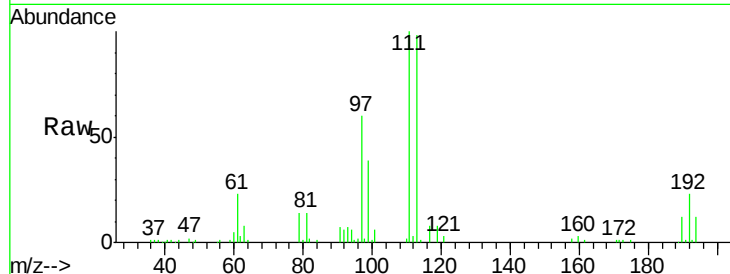
#35
 Dibromofluoromethane
 Concen: 51.472 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.0	81.9	122.9	
192	24.4	19.5	29.3	

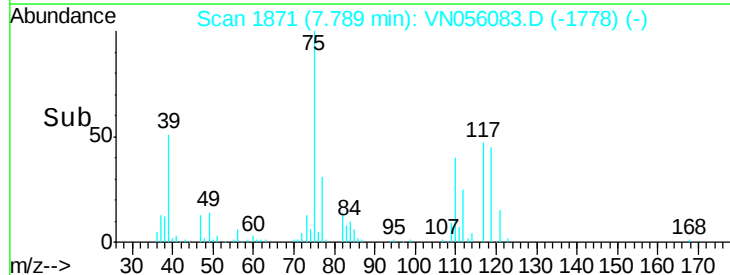
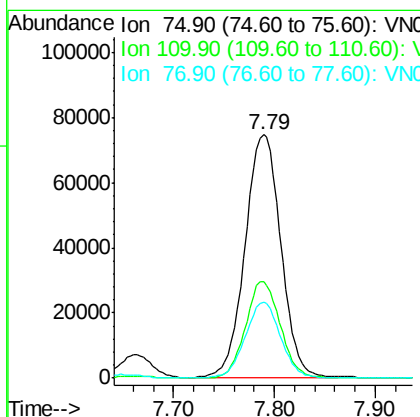
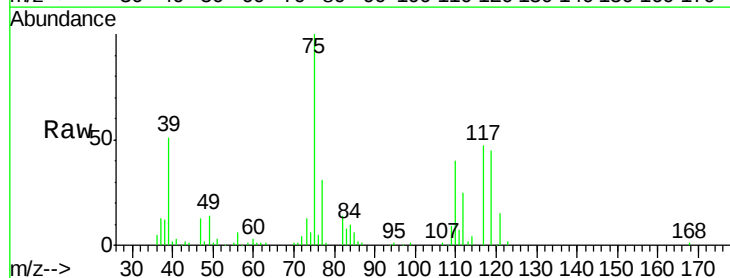
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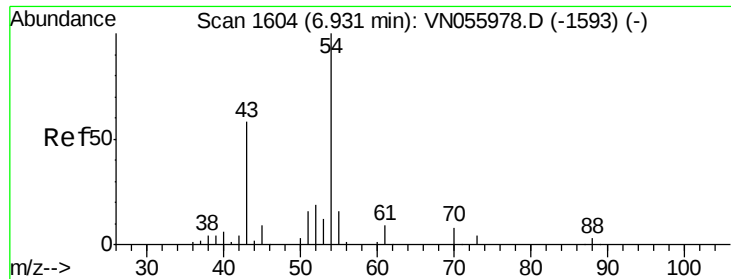
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#36
 1,1-Dichloropropene
 Concen: 48.659 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	38.6	19.0	57.0	
77	31.2	25.1	37.7	





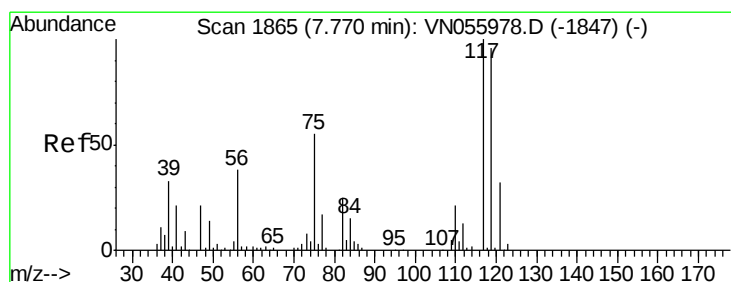
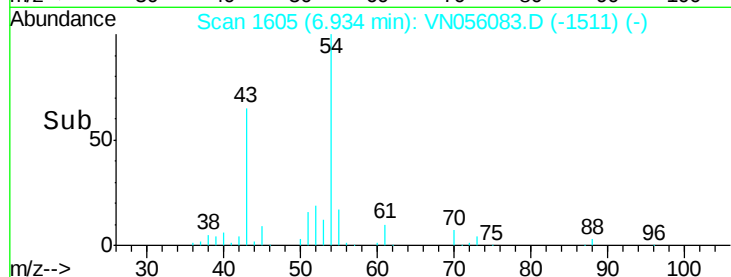
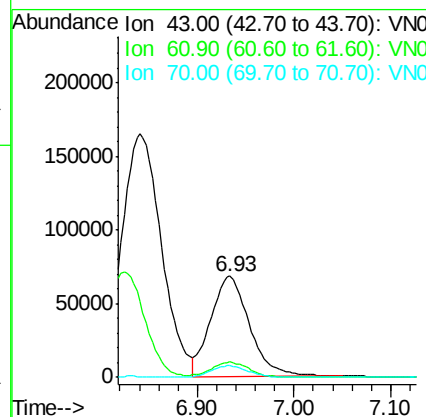
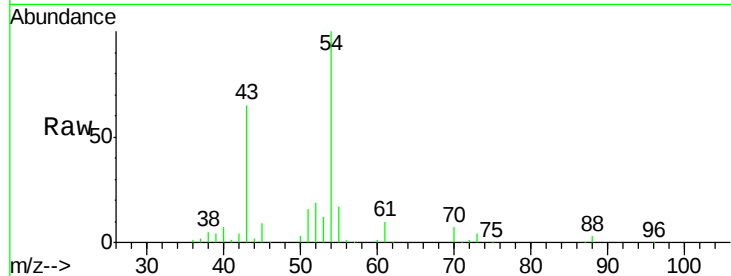
#37
Ethyl Acetate
Concen: 56.859 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	14.4	12.2	18.2	
70	10.9	8.9	13.3	

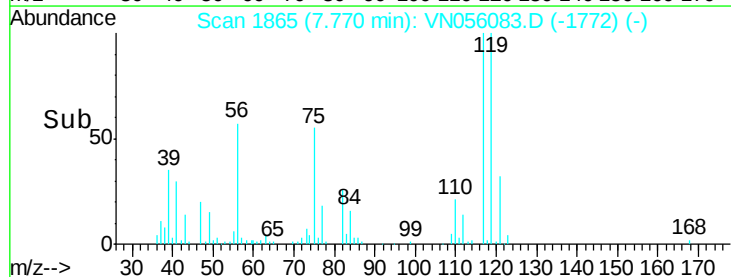
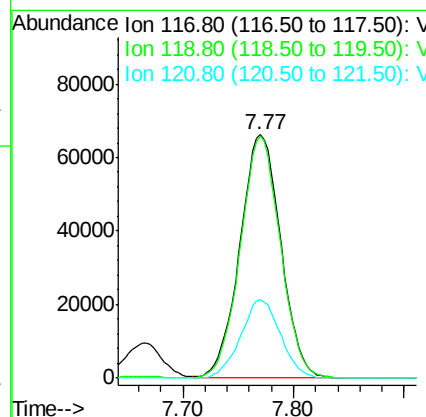
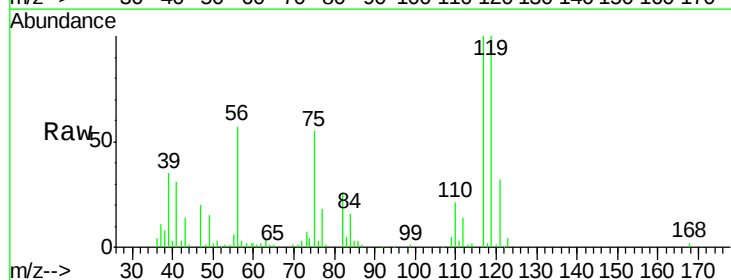
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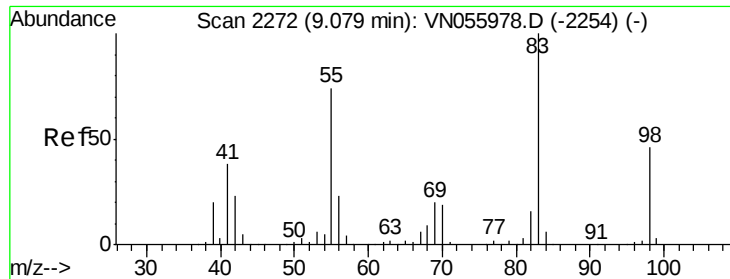
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#38
Carbon Tetrachloride
Concen: 49.361 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.6	79.0	118.6	
121	32.0	24.7	37.1	





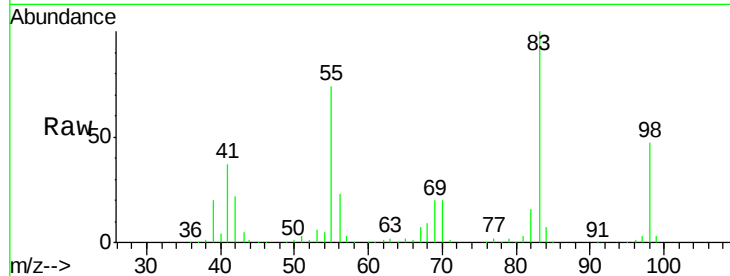
#39
Methvlcvclohexane
Concen: 47.082 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

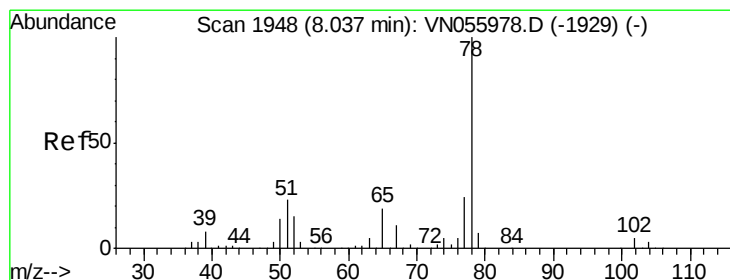
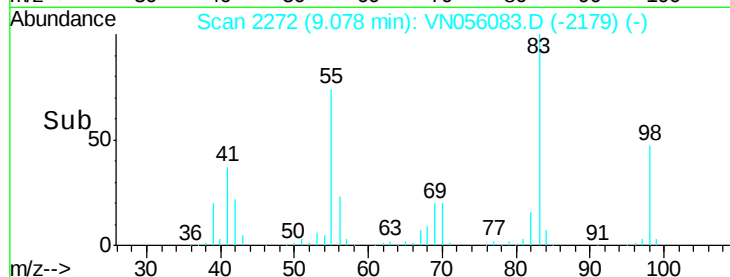
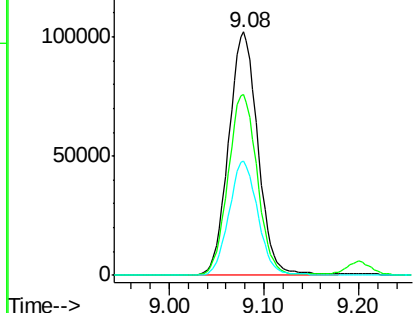
Tot Ion	Ratio	Lower	Upper
83	100		
55	74.1	59.3	88.9
98	47.2	36.6	54.8

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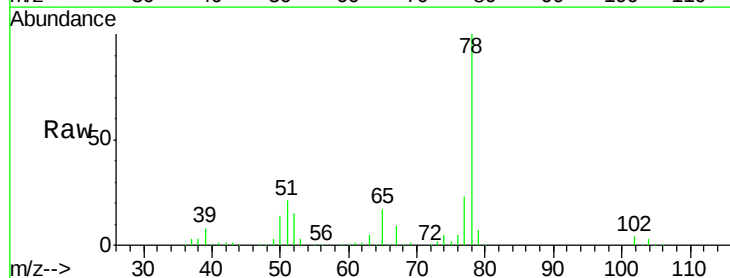


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

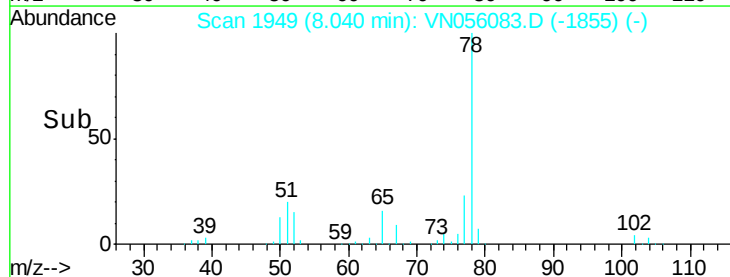
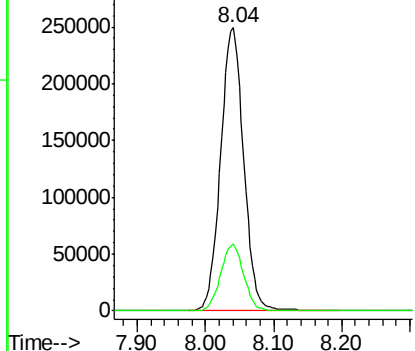


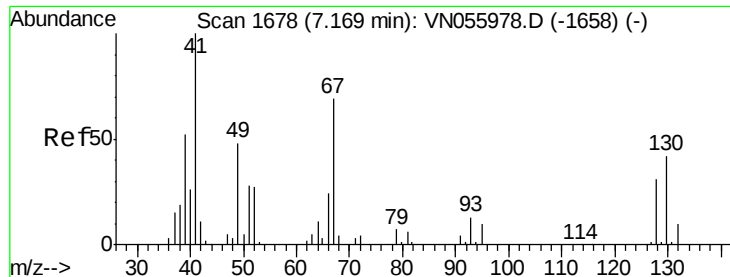
#40
Benzene
Concen: 51.549 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





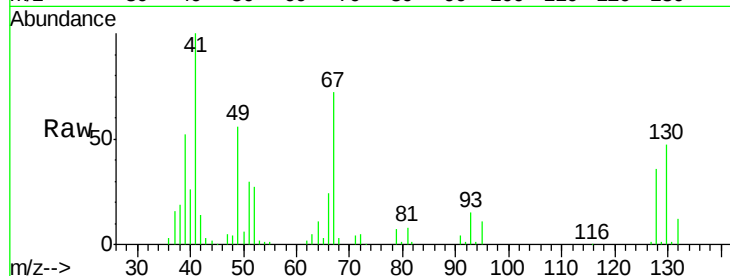
#41
Methacrylonitrile
Concen: 54.388 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

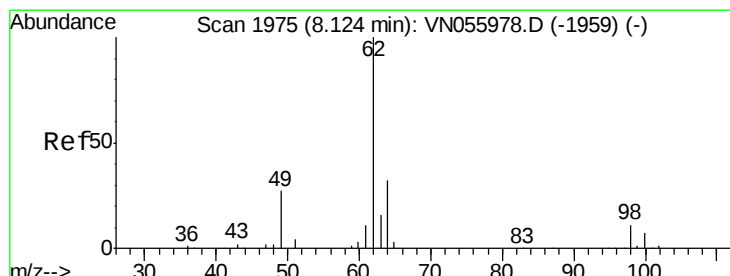
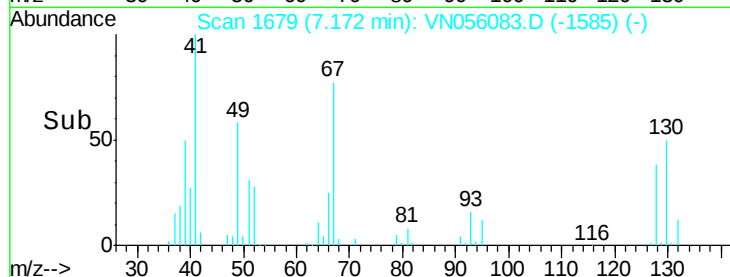
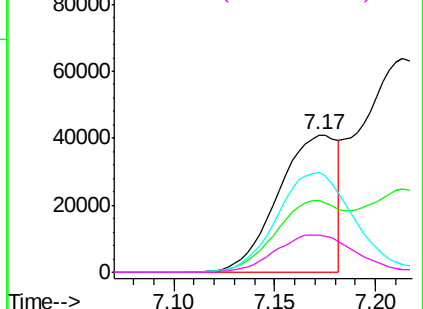
Tot Ion:	41	Resp:	83467
Ion	Ratio	Lower	Upper
41	100		
39	61.5	45.6	68.4
67	95.9	67.7	101.5
52	37.2	26.6	40.0

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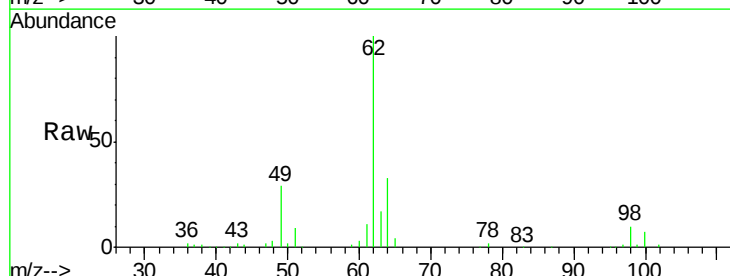


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

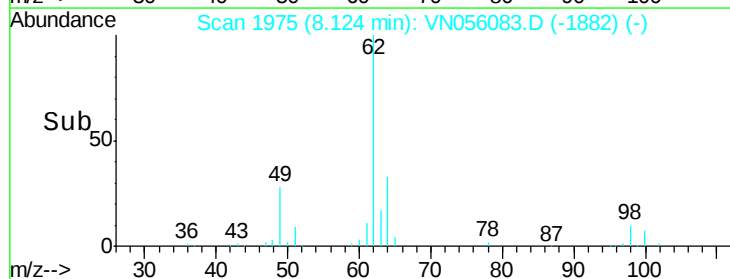
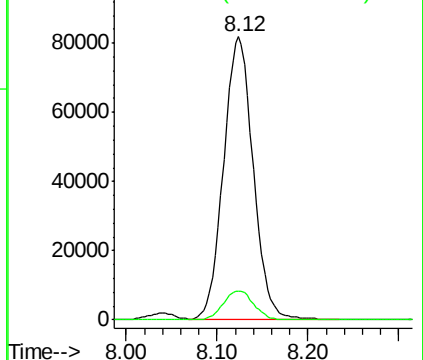


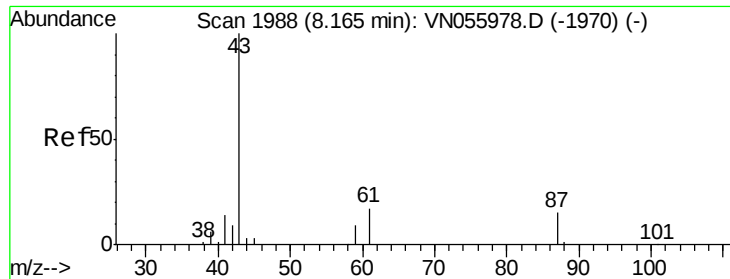
#42
1,2-Dichloroethane
Concen: 50.322 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion:	62	Resp:	184301
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.2



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





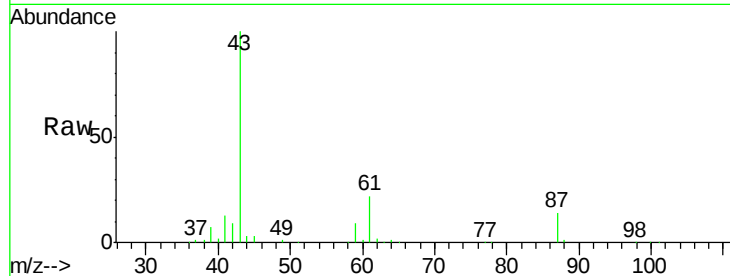
#43
Isopropyl Acetate
Concen: 53.759 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

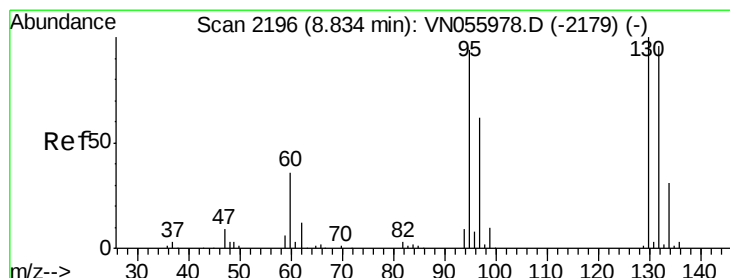
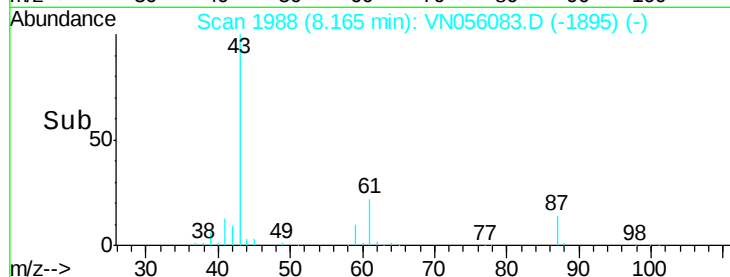
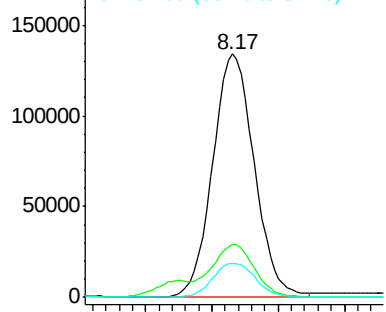
Tot Ion	Ratio	Lower	Upper
43	100		
61	22.2	22.2	33.4#
87	14.7	11.4	17.2

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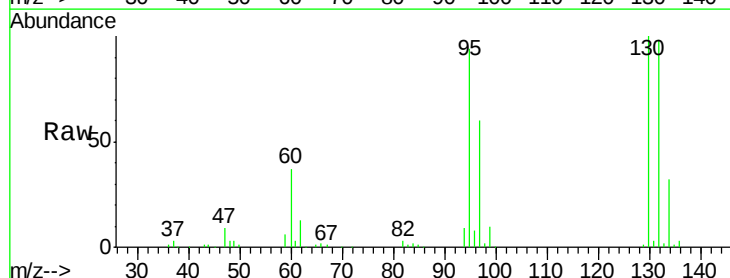


Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

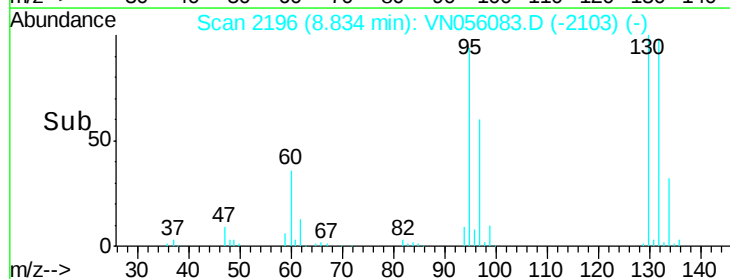
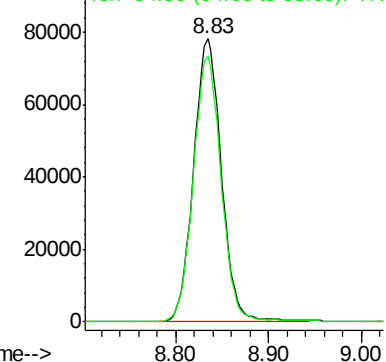


#44
Trichloroethene
Concen: 49.787 ug/l
RT: 8.83 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)





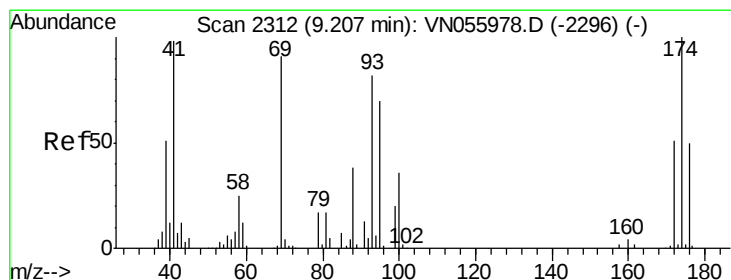
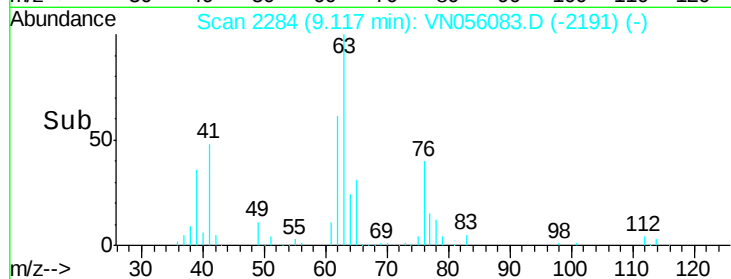
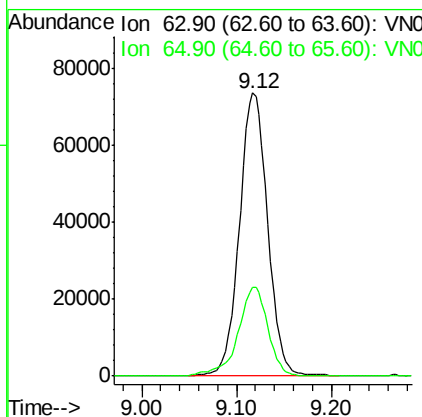
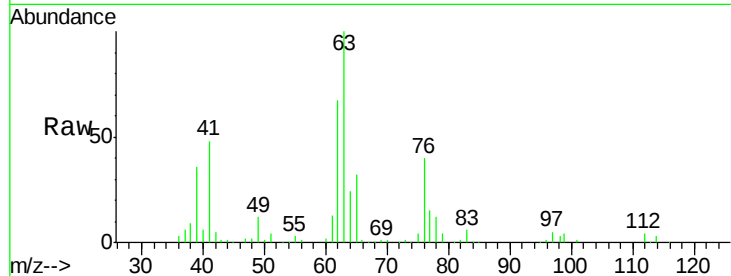
#45
 1,2-Dichloropropane
 Concen: 52.476 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 153041
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.6 36.8

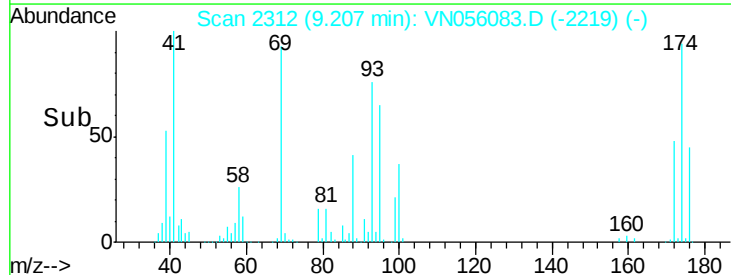
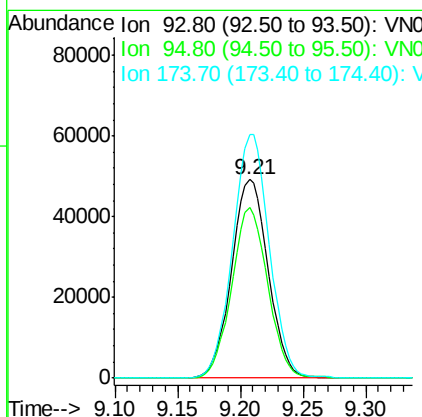
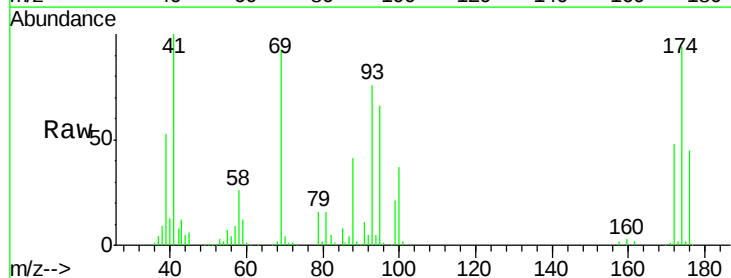
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#46
 Dibromomethane
 Concen: 52.525 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Tgt Ion: 93 Resp: 100171
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.7 100.1
 174 123.0 96.4 144.6





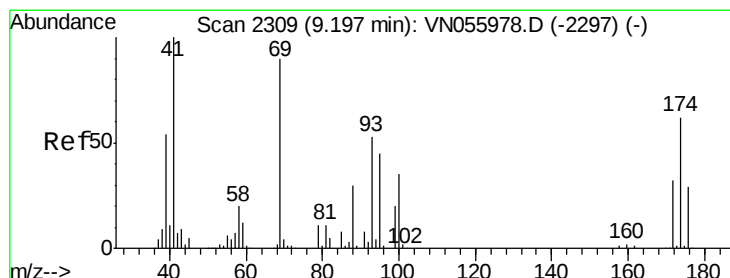
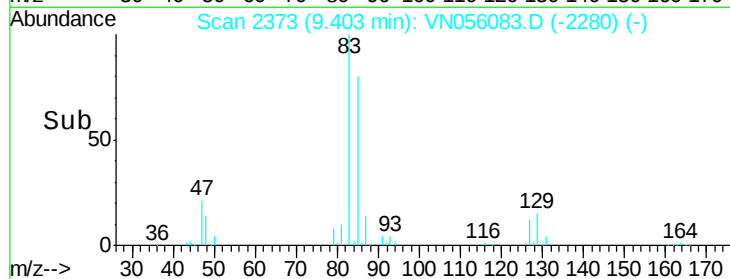
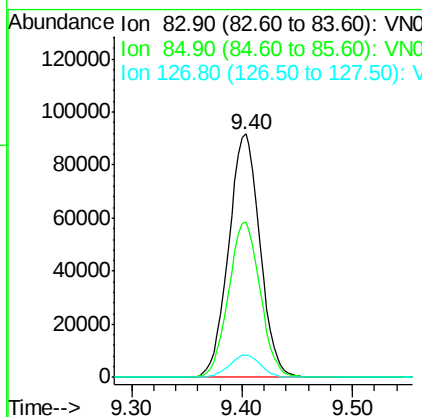
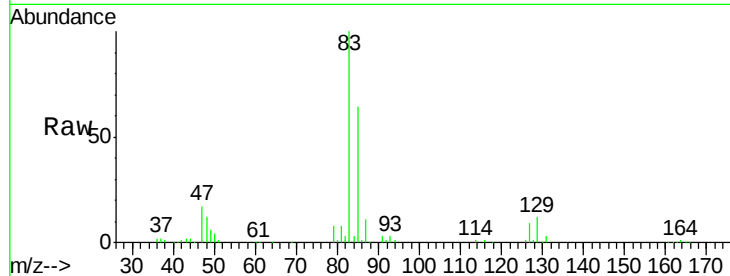
#47
Bromodichloromethane
Concen: 52.247 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	180592
Ion Ratio	100	Lower	Upper
83	100		
85	63.8	52.2	78.2
127	9.2	7.4	11.0

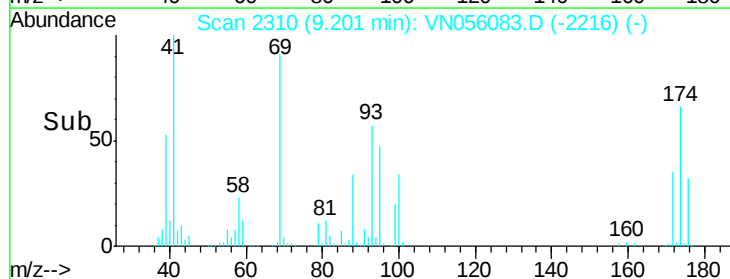
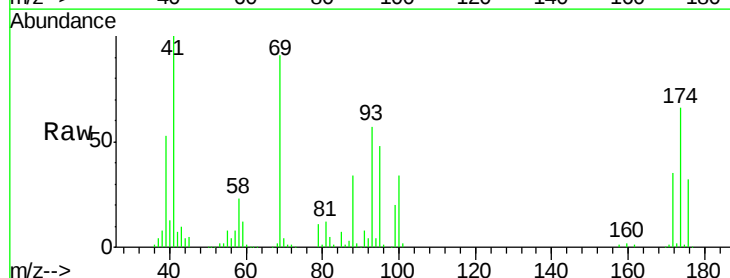
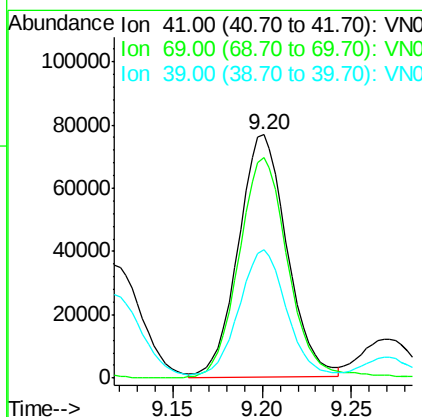
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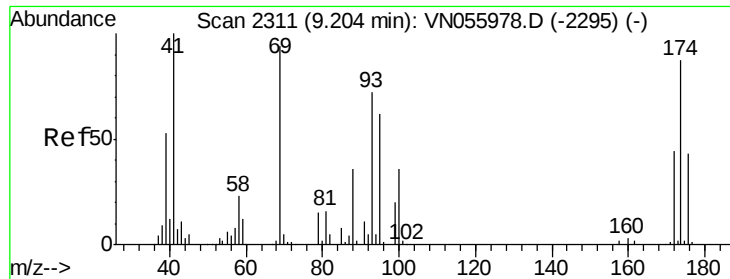
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#48
Methyl methacrylate
Concen: 54.983 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion	41	Resp	145392
Ion Ratio	100	Lower	Upper
41	100		
69	93.2	71.0	106.6
39	52.1	44.2	66.2





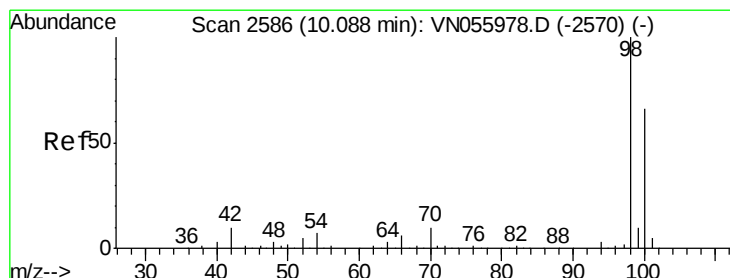
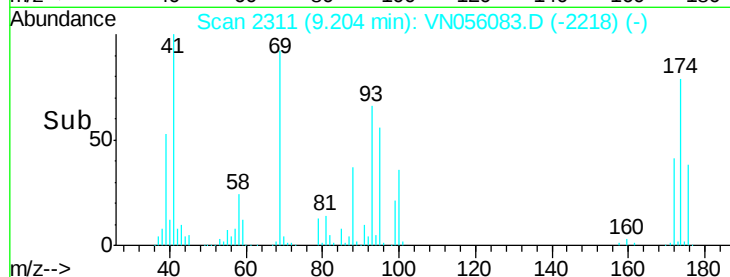
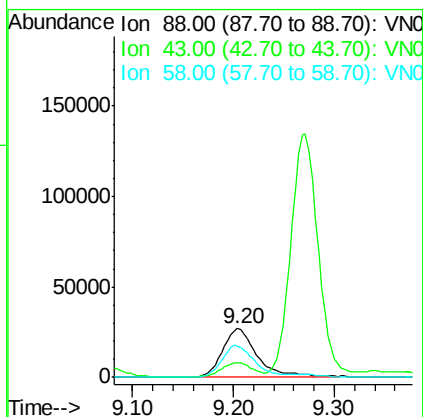
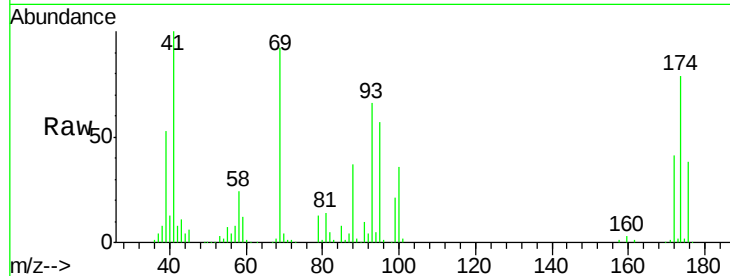
#49
1,4-Dioxane
Concen: 1143.624 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	65287
Ion	Ratio	Lower	Upper
88	100		
43	25.0	20.5	30.7
58	63.5	55.8	83.6

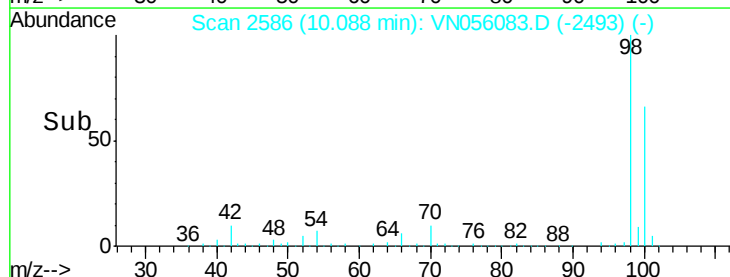
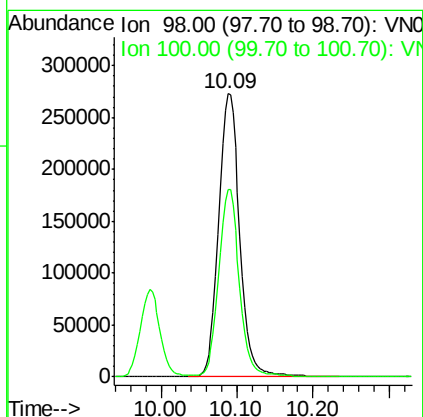
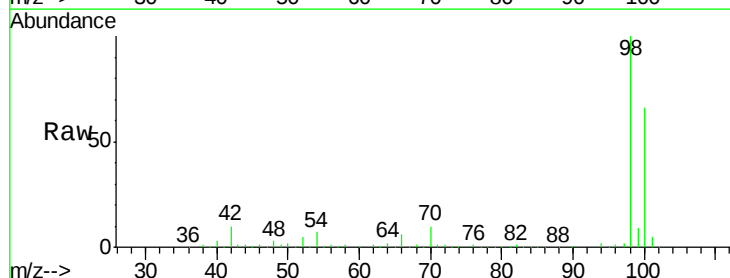
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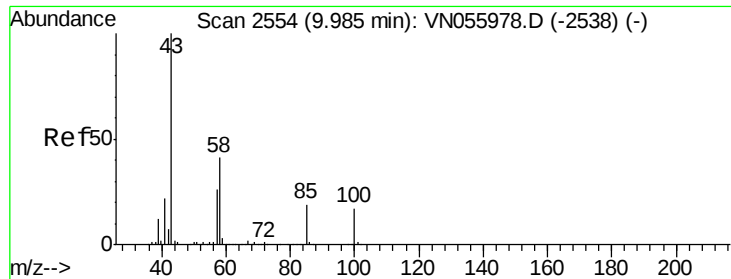
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#50
Toluene-d8
Concen: 51.100 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion	98	Resp	525970
Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.9	77.9





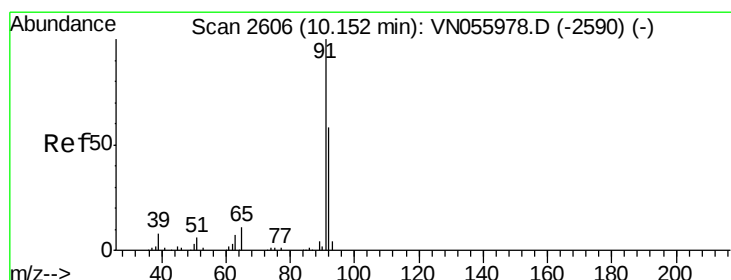
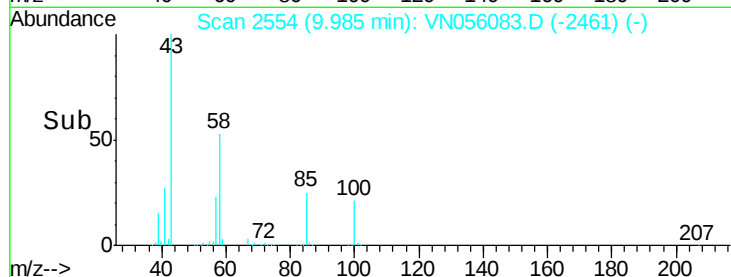
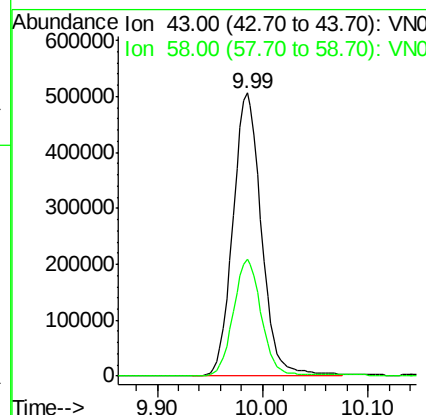
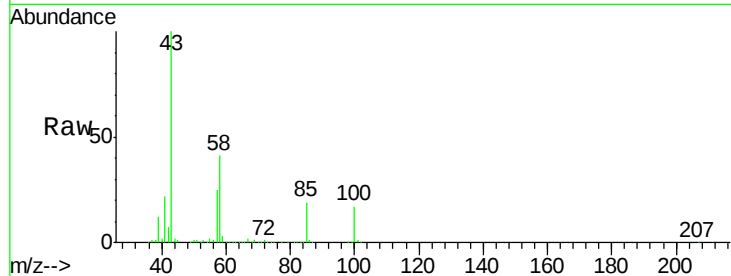
#51
4-Methyl-2-Pentanone
Concen: 279.737 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 945533
Ion Ratio Lower Upper
43 100
58 40.8 32.1 48.1

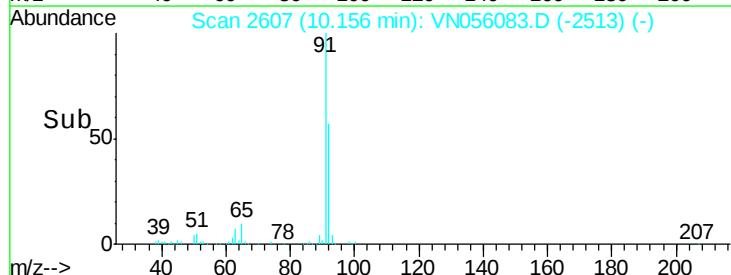
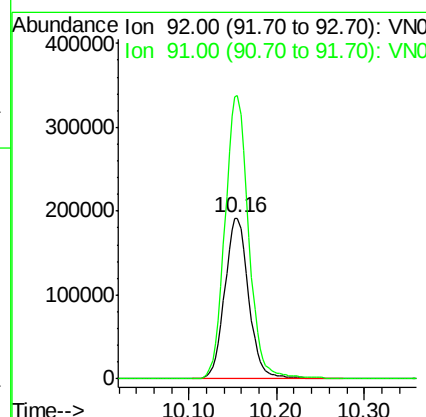
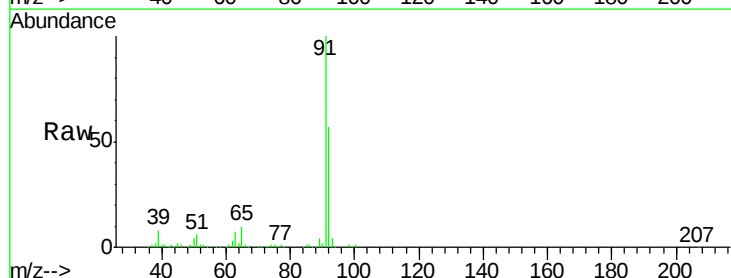
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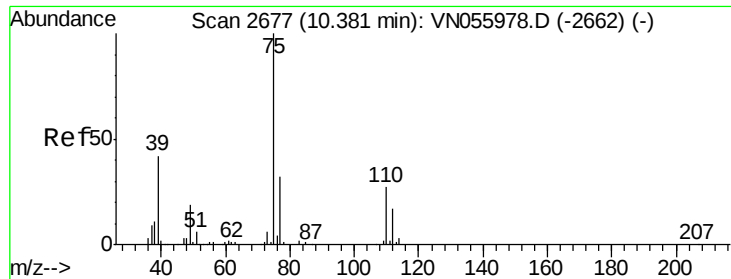
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#52
Toluene
Concen: 51.613 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion: 92 Resp: 365680
Ion Ratio Lower Upper
92 100
91 174.5 139.4 209.2





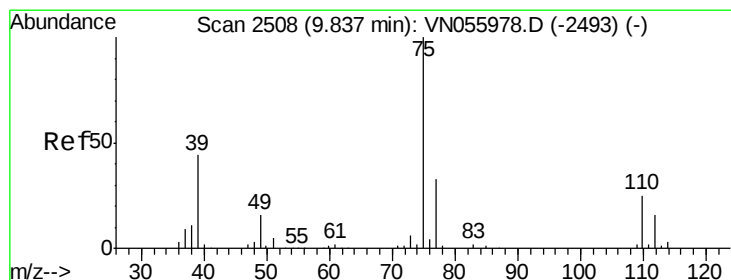
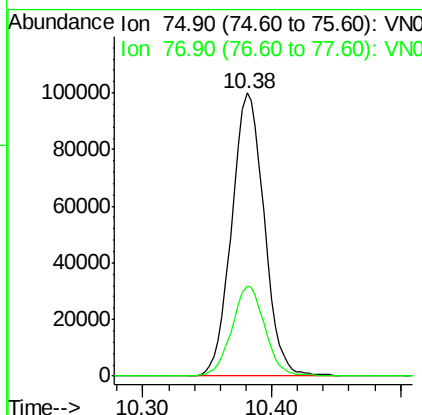
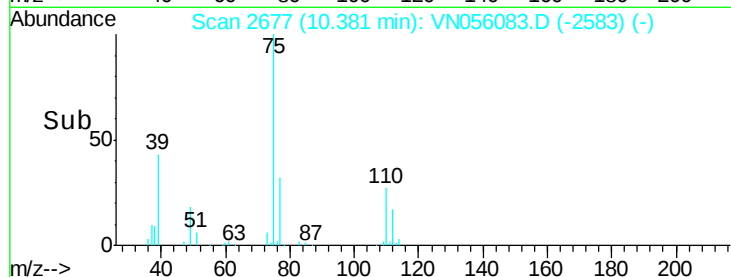
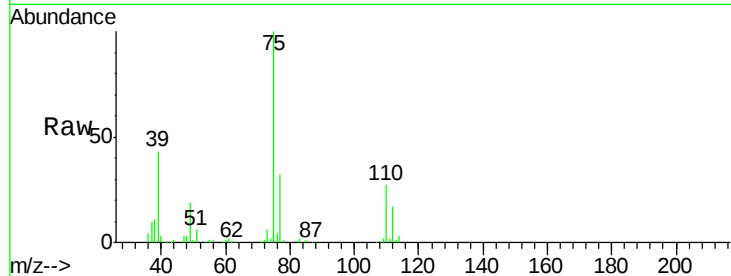
#53
t-1,3-Dichloropropene
Concen: 43.457 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 174774
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.6

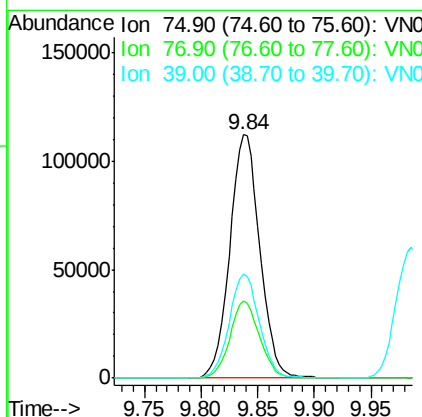
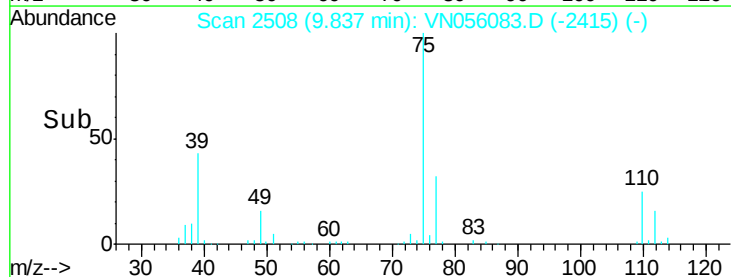
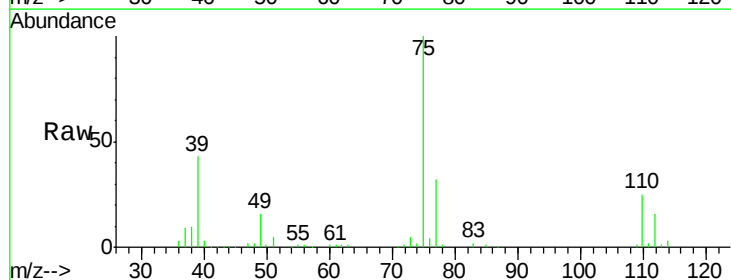
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#54
cis-1,3-Dichloropropene
Concen: 49.792 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion: 75 Resp: 206872
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
39 42.6 36.3 54.5





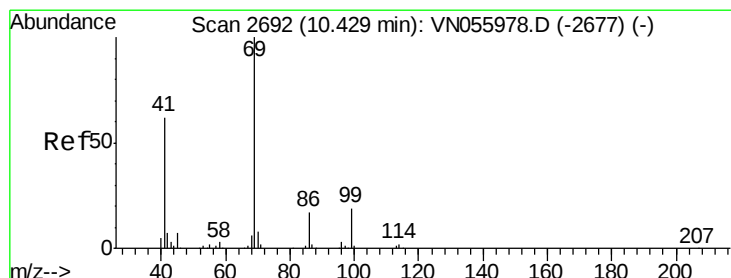
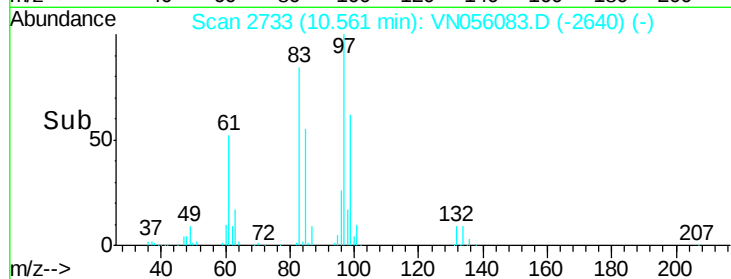
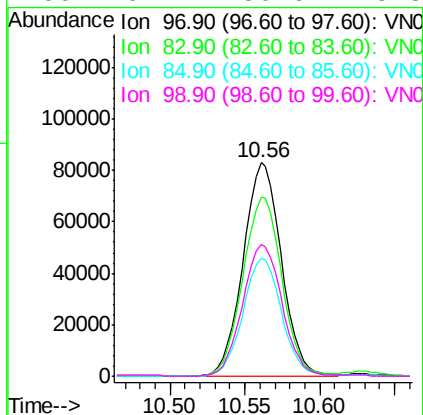
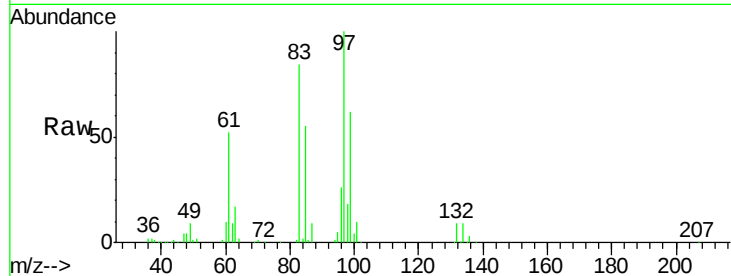
#55
 1,1,2-Trichloroethane
 Concen: 52.779 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	148125
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.0	100.6
85	55.1	44.0	66.0
99	61.7	50.6	75.8

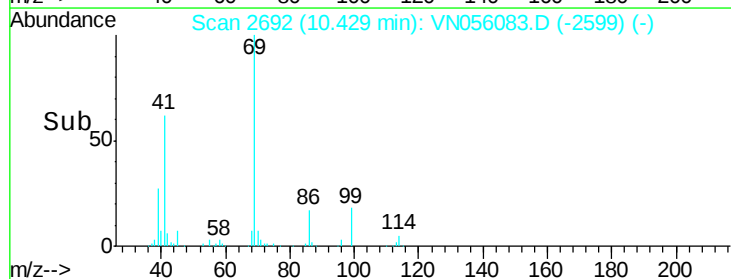
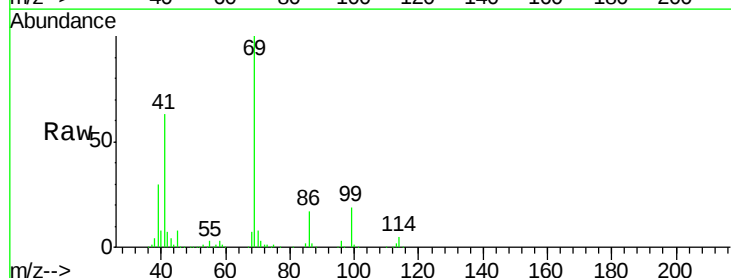
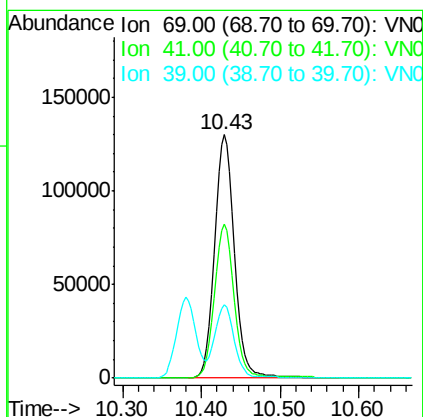
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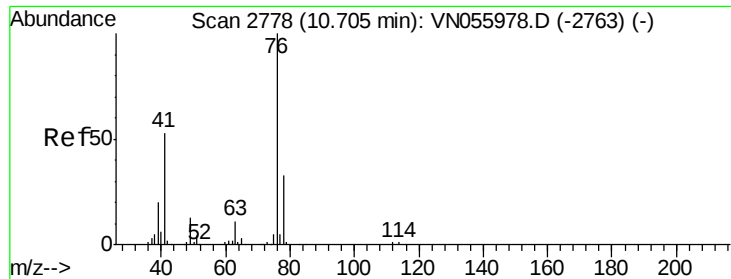
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#56
 Ethyl methacrylate
 Concen: 55.176 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Tgt Ion:	69	Resp:	225909
Ion	Ratio	Lower	Upper
69	100		
41	61.6	49.7	74.5
39	28.6	24.7	37.1





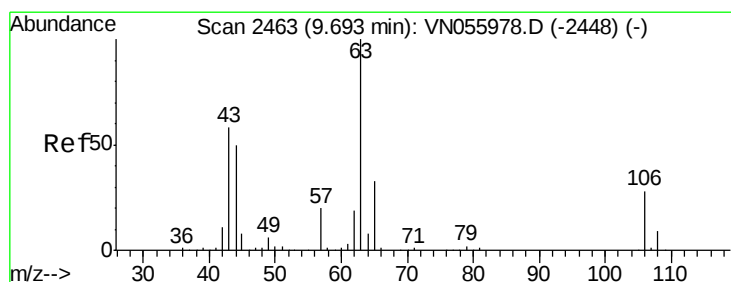
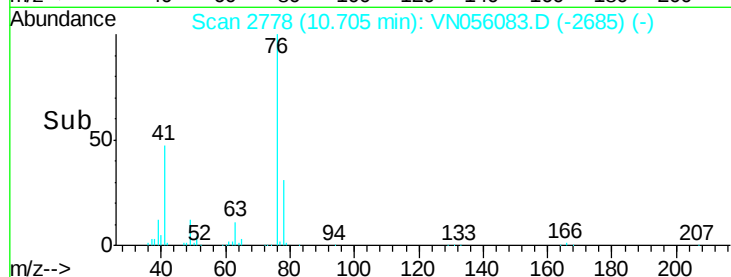
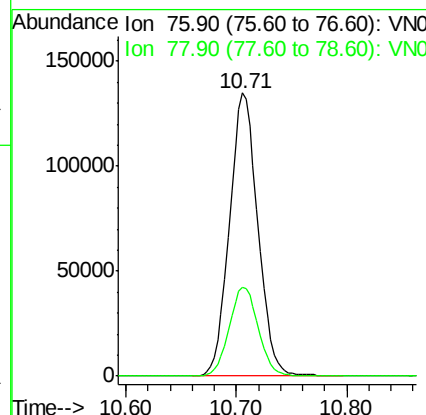
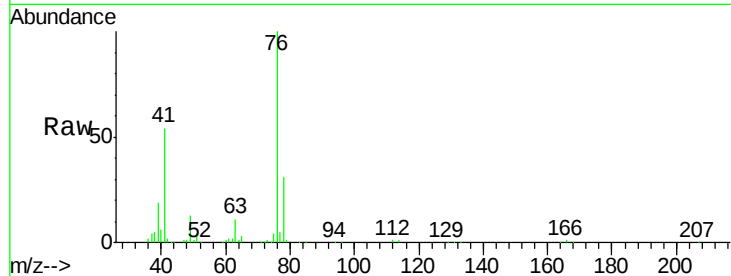
#57
 1,3-Dichloropropane
 Concen: 52.641 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 240167
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6

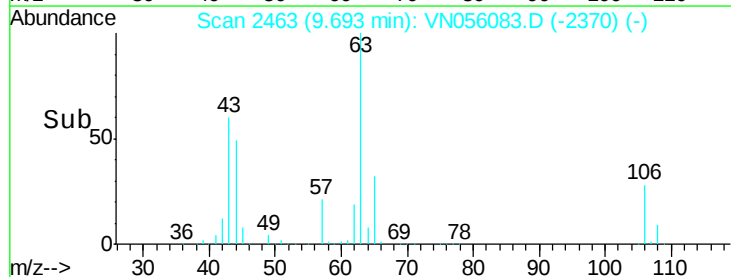
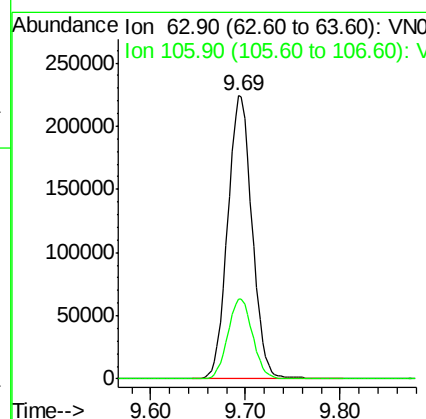
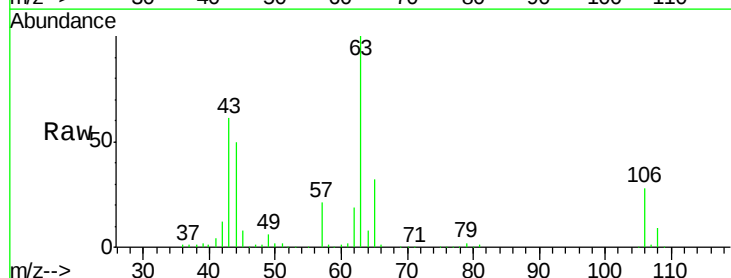
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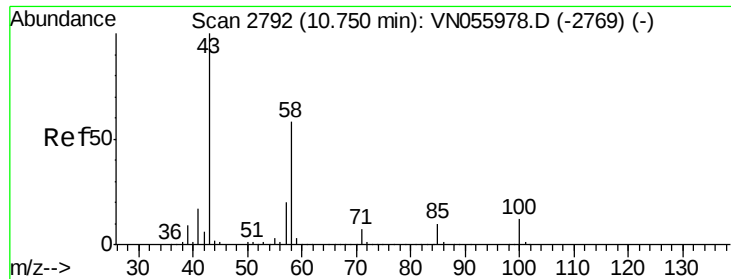
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#58
 2-Chloroethyl Vinyl ether
 Concen: 247.987 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Tgt Ion: 63 Resp: 402363
 Ion Ratio Lower Upper
 63 100
 106 28.5 22.7 34.1





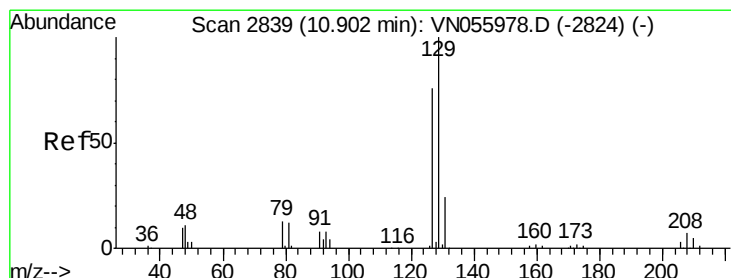
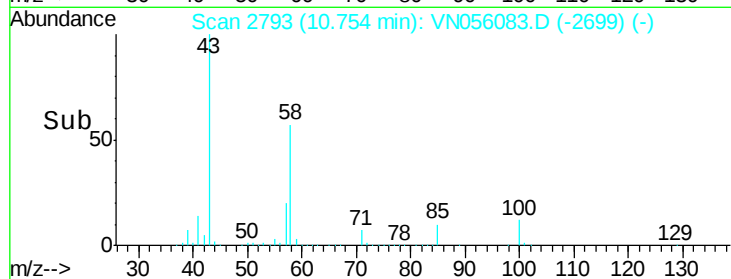
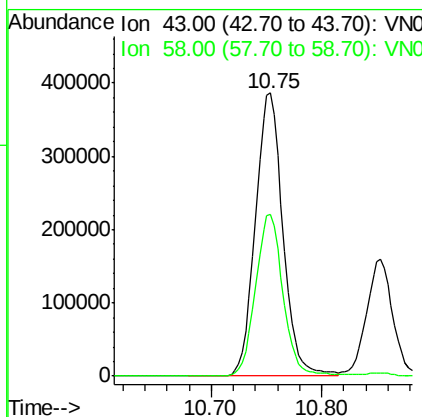
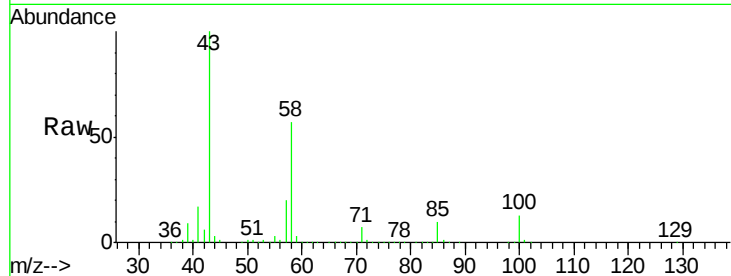
#59
2-Hexanone
Concen: 272.146 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 666703
Ion Ratio Lower Upper
43 100
58 57.4 28.2 84.7

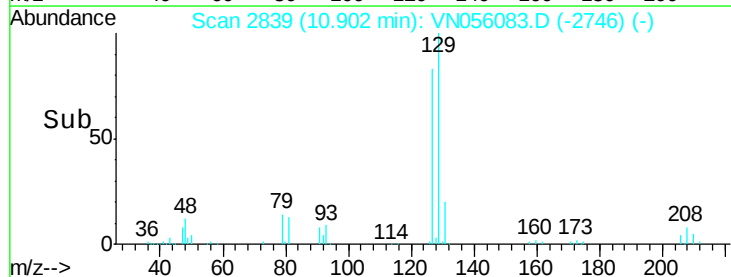
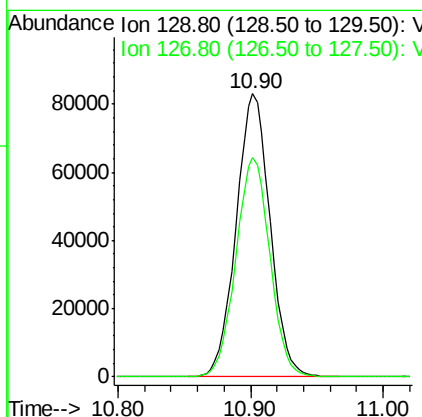
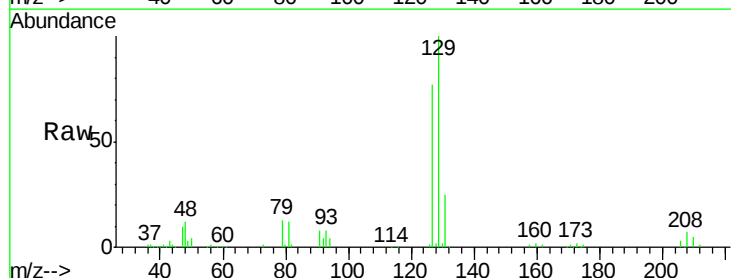
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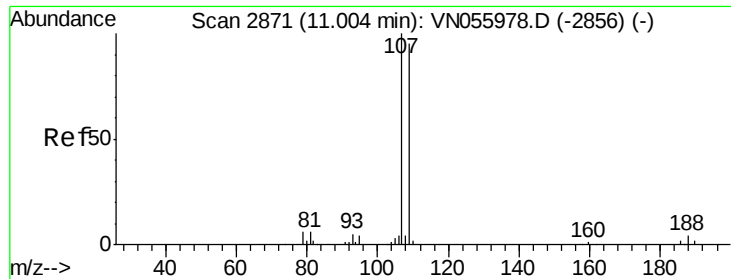
MMDadoda
6/7/2019 9:42:05 AM



#60
Dibromochloromethane
Concen: 47.778 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion: 129 Resp: 147531
Ion Ratio Lower Upper
129 100
127 77.7 38.1 114.3





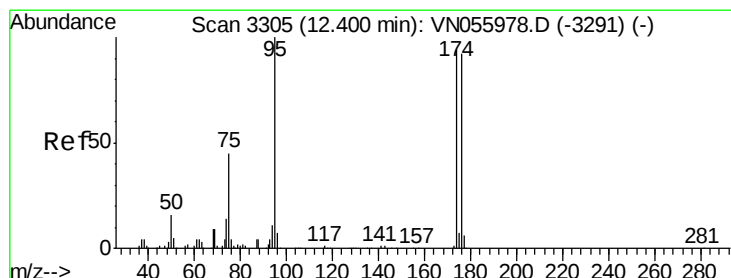
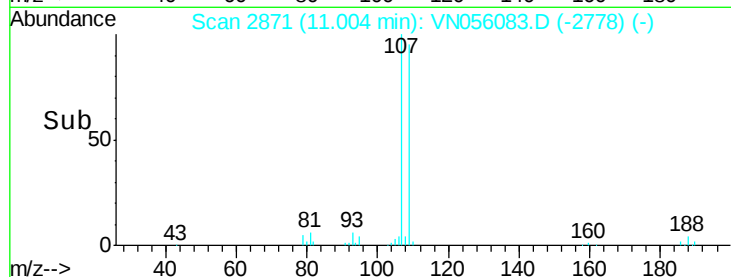
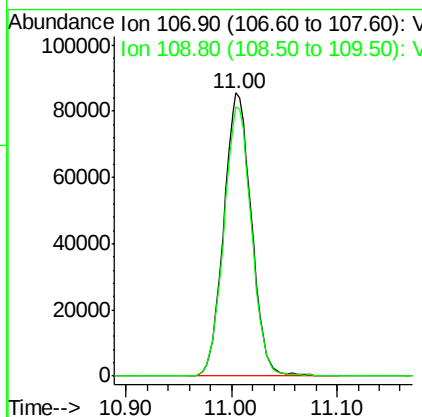
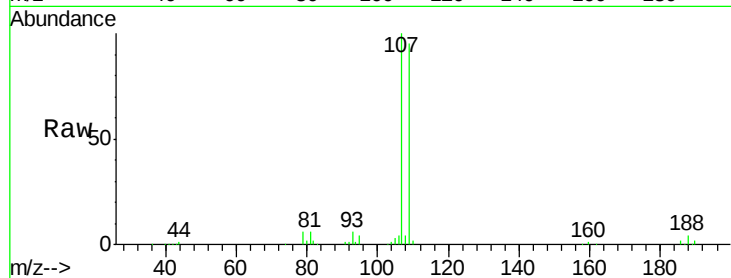
#61
 1,2-Dibromoethane
 Concen: 53.908 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.2	74.8	112.2

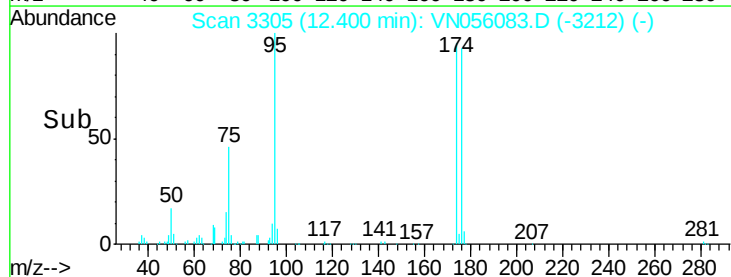
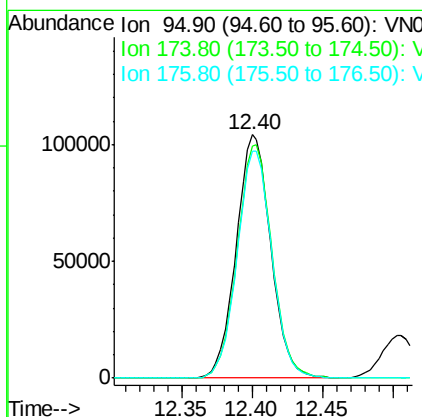
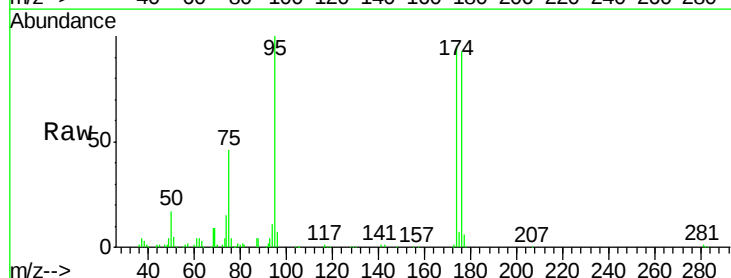
Manual Integrations
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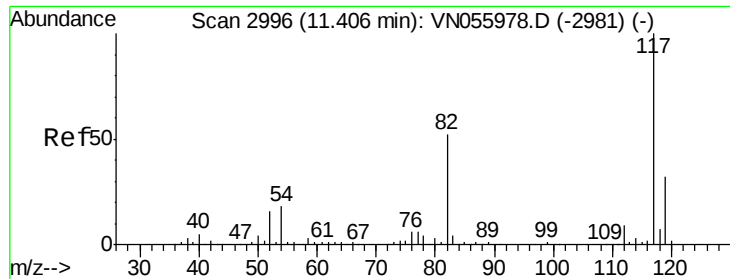
MMDadoda
 6/7/2019 9:42:05 AM



#62
 4-Bromofluorobenzene
 Concen: 51.203 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.2	0.0	191.0
176	93.6	0.0	185.2





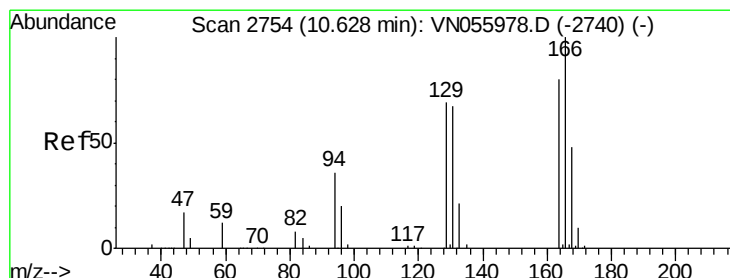
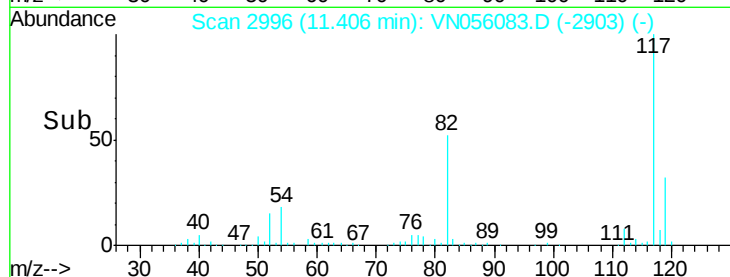
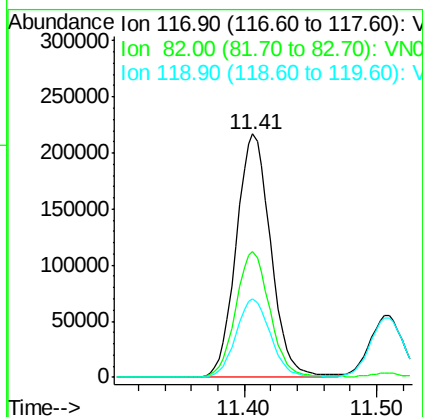
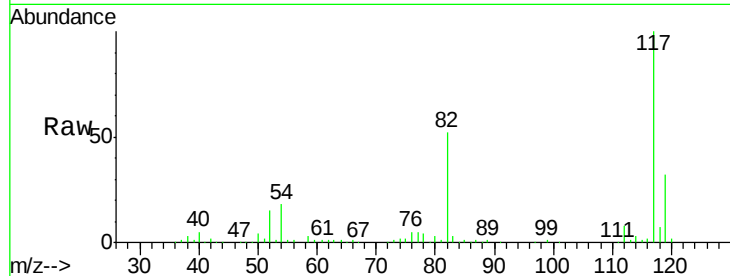
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	392848		
82	51.8	41.8	62.8	
119	32.1	25.4	38.0	

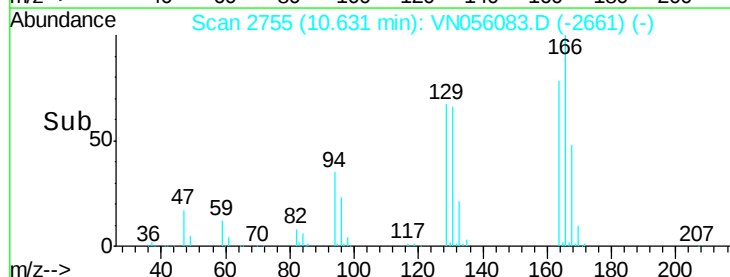
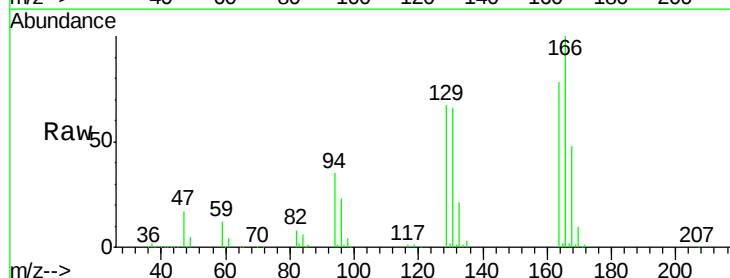
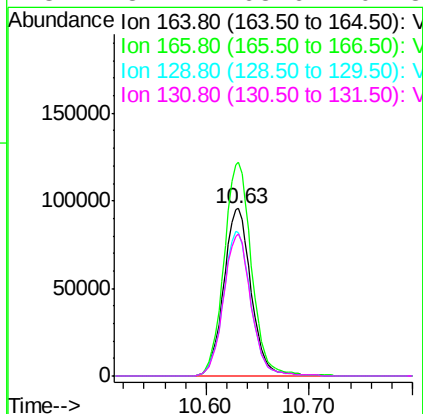
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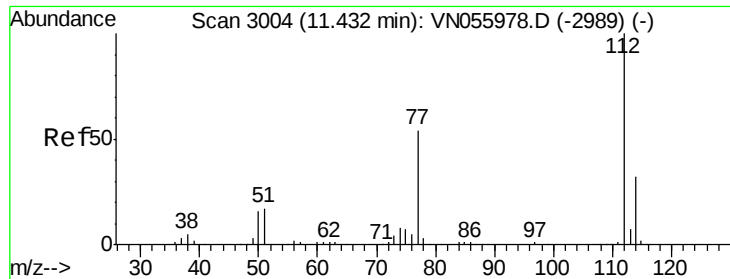
MMDadoda
6/7/2019 9:42:05 AM



#64
Tetrachloroethene
Concen: 52.147 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	177329		
166	127.6	103.0	154.6	
129	85.5	70.6	105.8	
131	84.7	68.6	102.8	





#65

Chlorobenzene

Concen: 50.695 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 396357

Ion Ratio Lower Upper

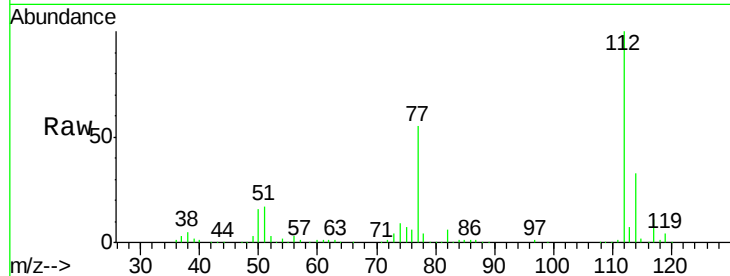
112 100

114 32.6 26.2 39.4

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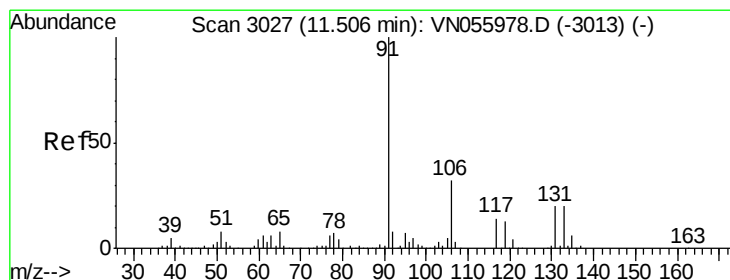
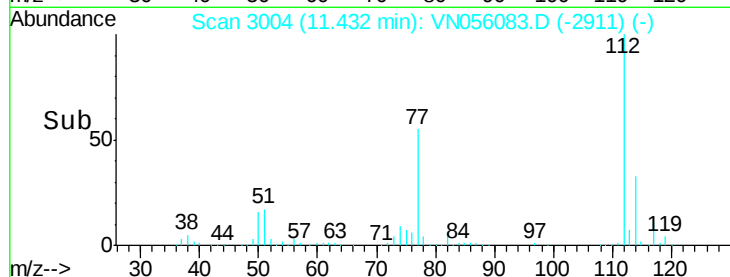
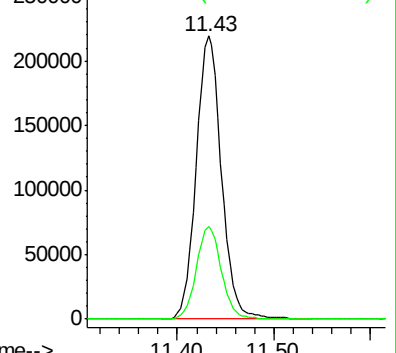
MMDadoda

6/7/2019 9:42:05 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.526 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

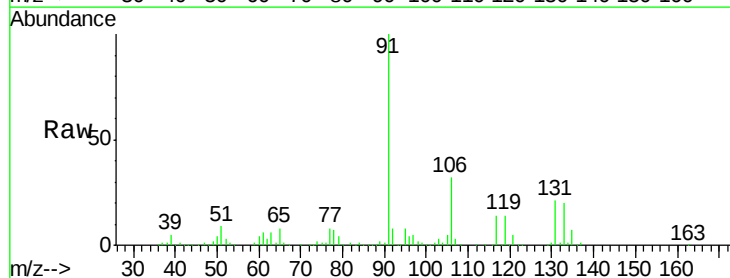
Tgt Ion:131 Resp: 141800

Ion Ratio Lower Upper

131 100

133 97.1 48.0 144.0

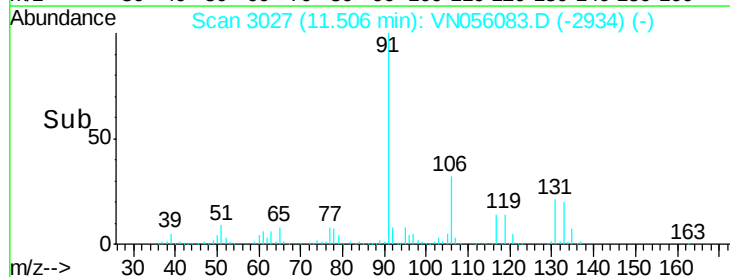
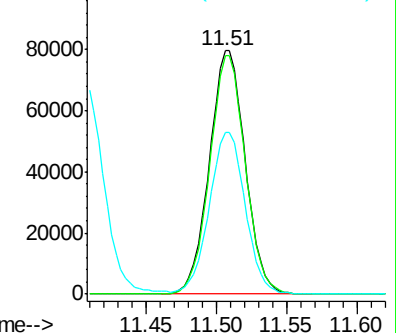
119 66.8 33.1 99.5

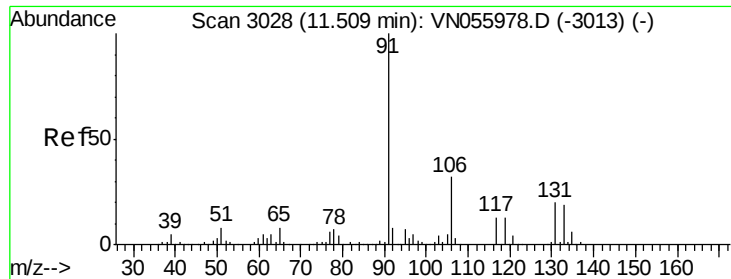


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





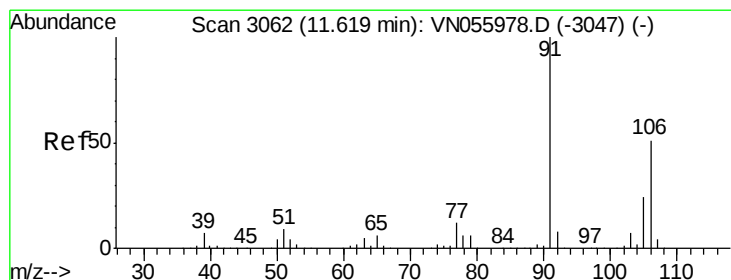
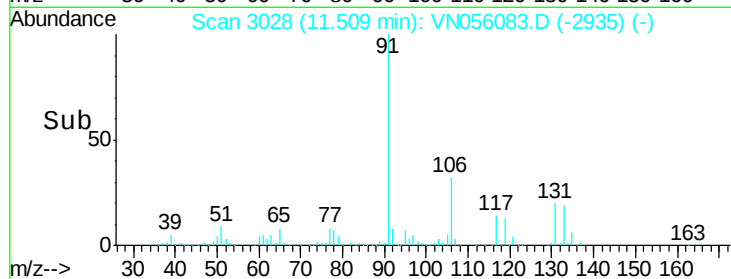
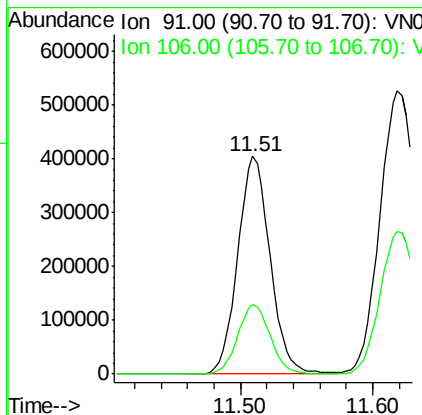
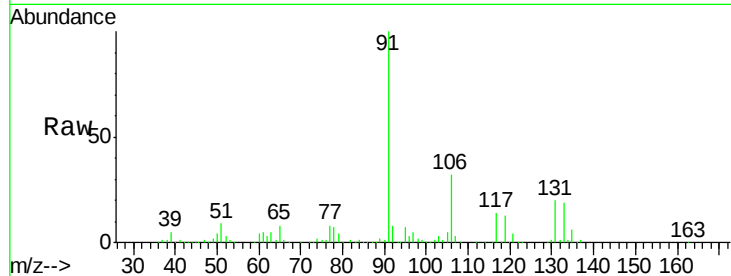
#67
Ethyl Benzene
Concen: 50.528 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 686935
Ion Ratio Lower Upper
91 100
106 31.7 25.1 37.7

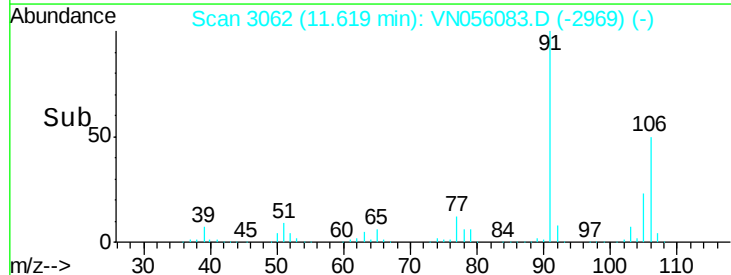
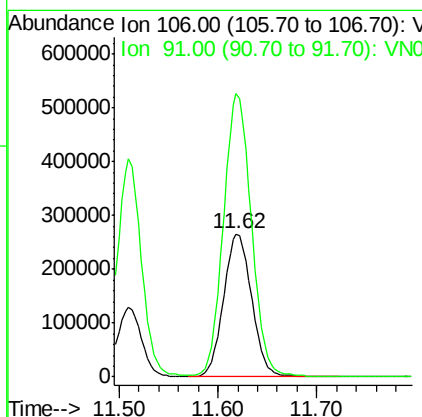
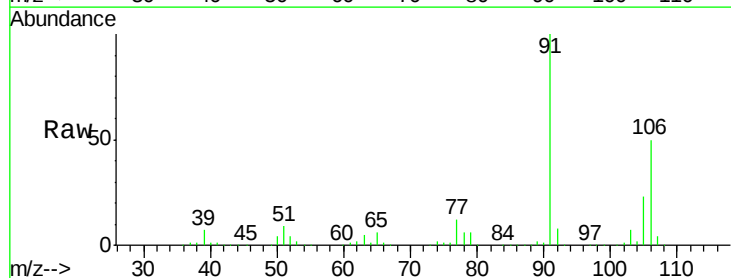
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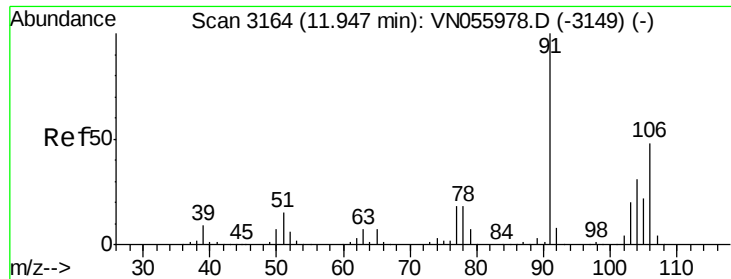
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6/7/2019 9:42:05 AM



#68
m/p-Xylenes
Concen: 102.351 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion: 106 Resp: 531555
Ion Ratio Lower Upper
106 100
91 196.9 159.3 238.9





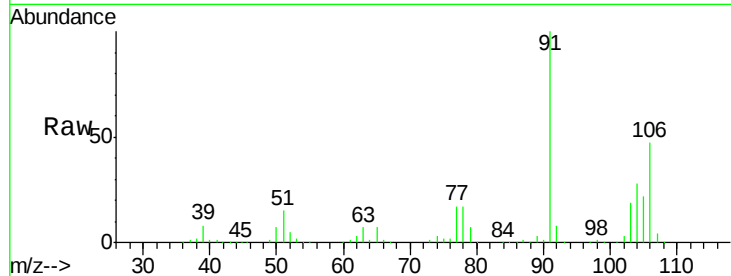
#69
o-Xylene
Concen: 50.752 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

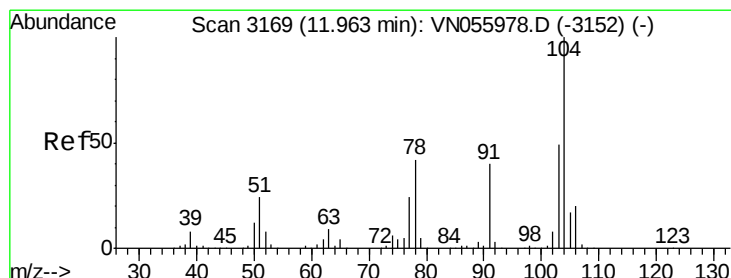
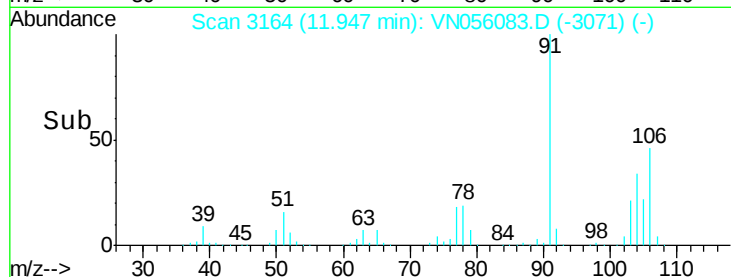
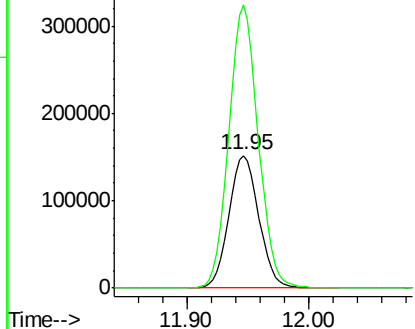
Tot Ion:106 Resp: 259272
Ion Ratio Lower Upper
106 100
91 210.0 104.7 314.1

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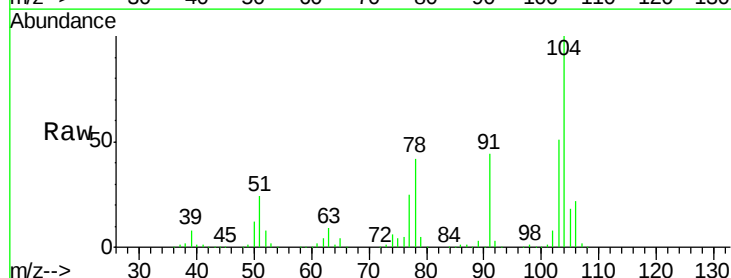


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

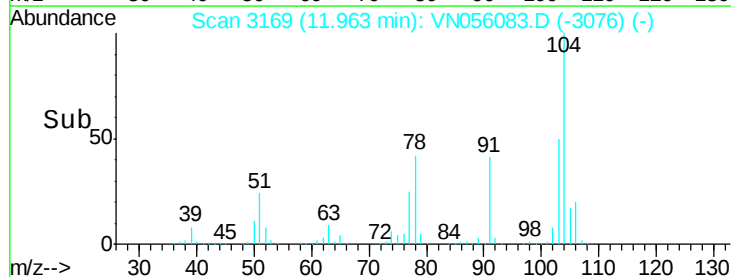
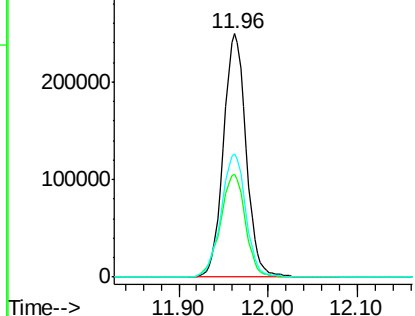


#70
Styrene
Concen: 54.091 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion:104 Resp: 439048
Ion Ratio Lower Upper
104 100
78 46.5 37.8 56.6
103 54.9 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





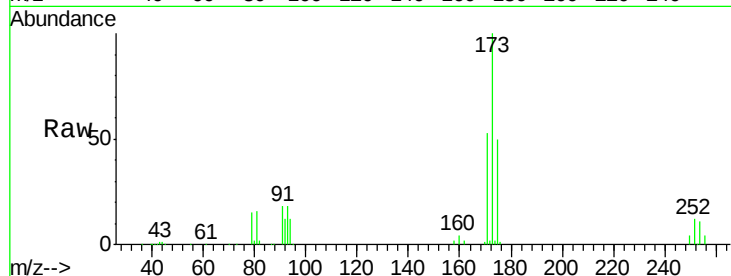
#71
Bromoform
Concen: 46.839 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

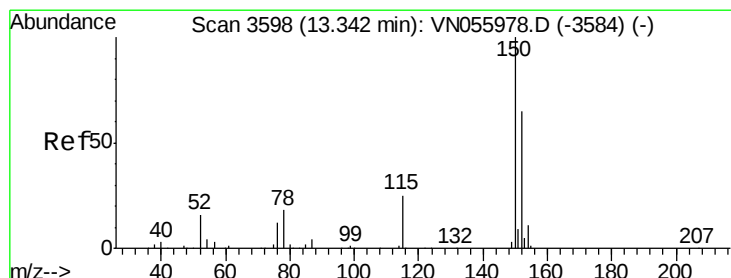
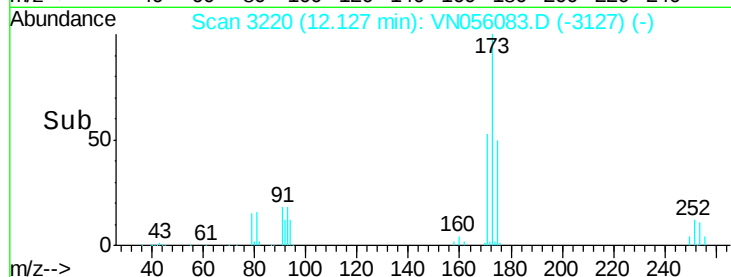
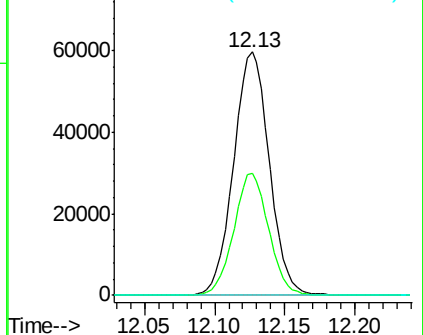
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.3	72.8
254	0.0	0.0	0.0

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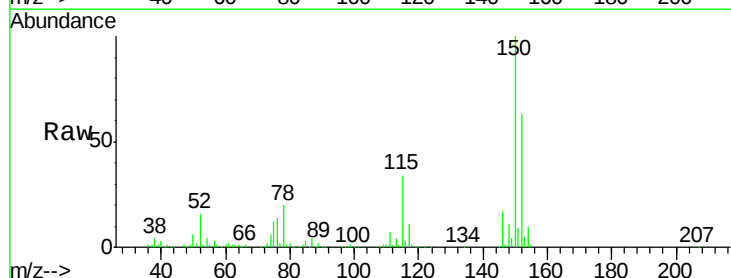


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

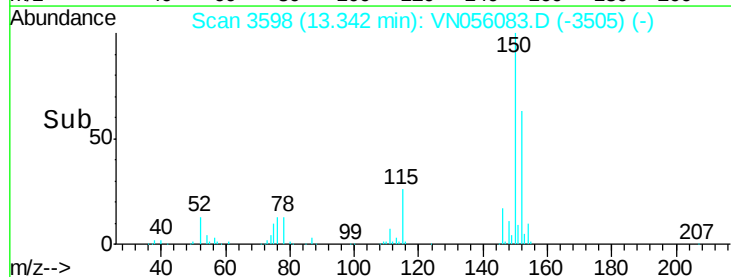
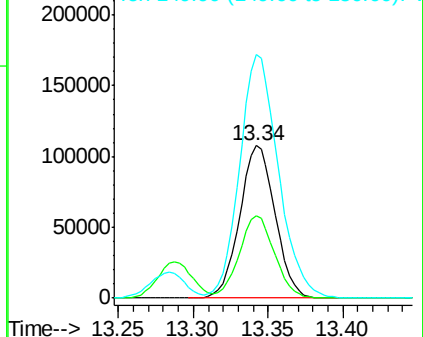


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.5	27.0	81.0
150	175.2	0.0	343.2



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





#73

Isopropylbenzene

Concen: 54.228 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 681143

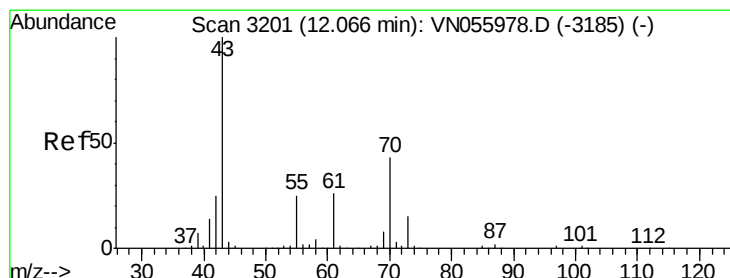
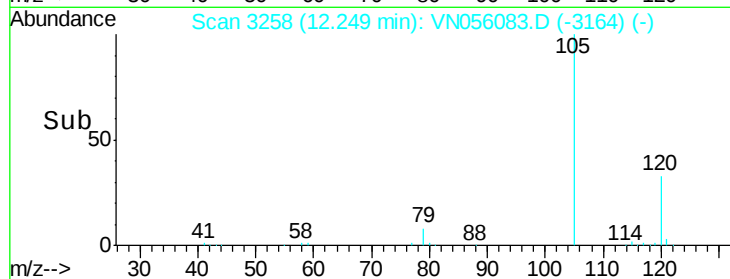
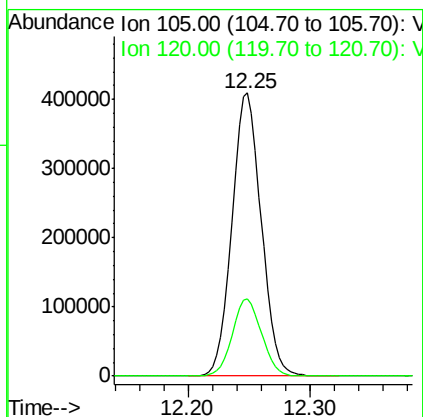
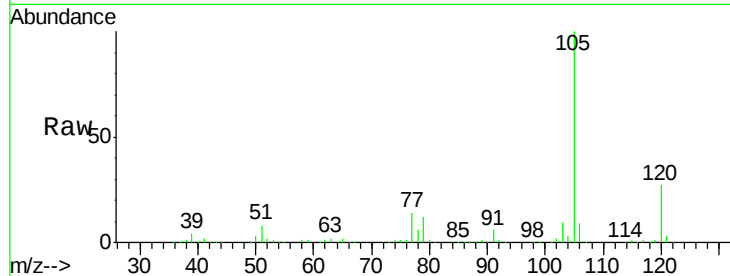
Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.7

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6/7/2019 9:42:05 AM



#74

N-ethyl acetate

Concen: 52.705 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Tgt Ion: 43 Resp: 248508

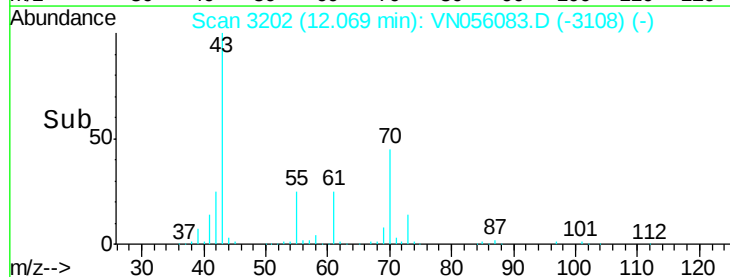
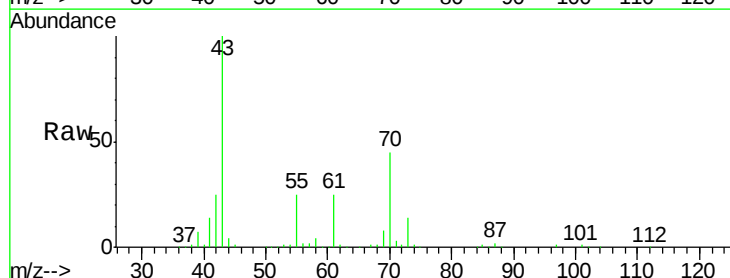
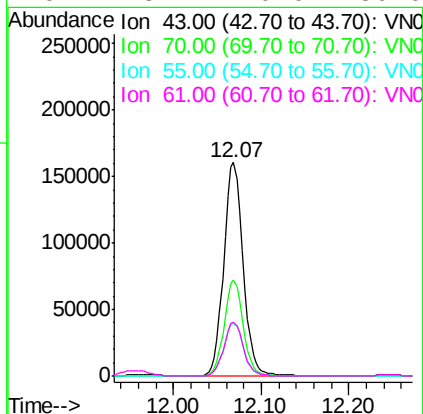
Ion Ratio Lower Upper

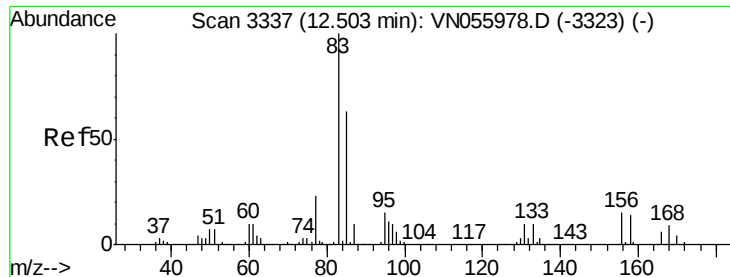
43 100

70 43.9 34.0 51.0

55 25.2 18.6 28.0

61 25.4 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.401 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

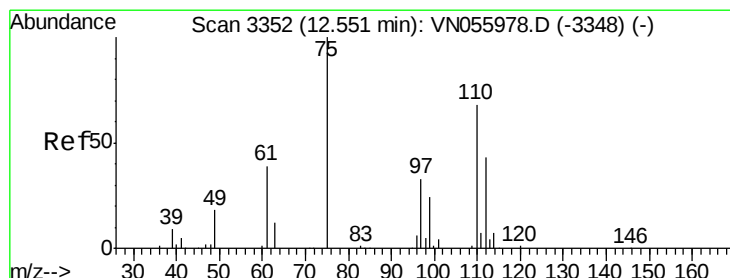
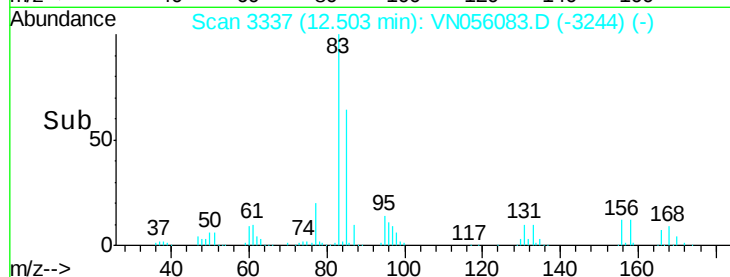
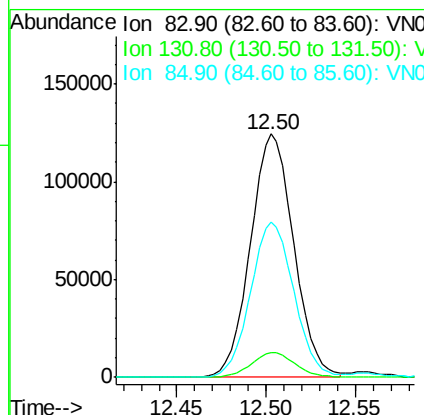
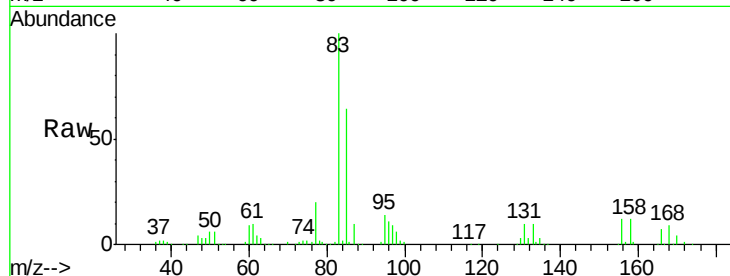
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	211066
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.4	16.2
85	63.9	32.4	97.0

Manual Integrations
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6/7/2019 9:42:05 AM



#76

1,2,3-Trichloropropane

Concen: 59.008 ug/l m

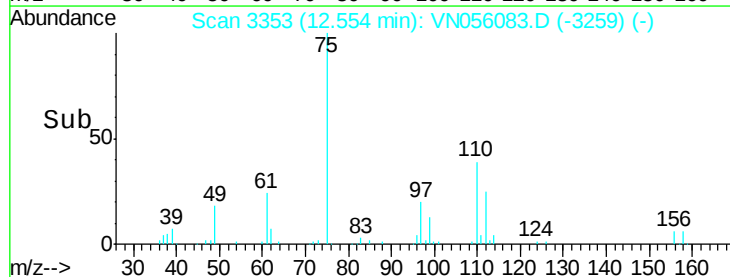
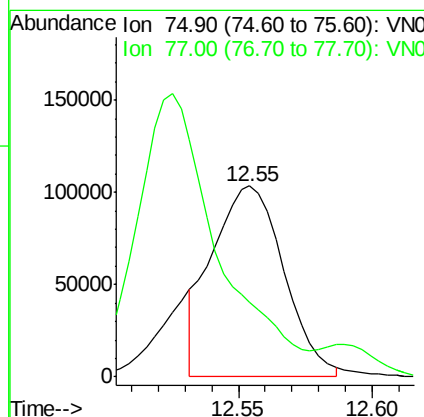
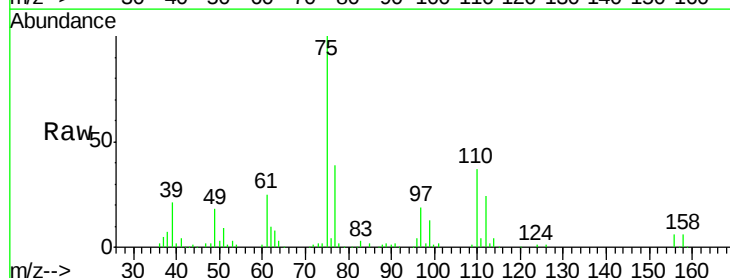
RT: 12.55 min Scan# 3353

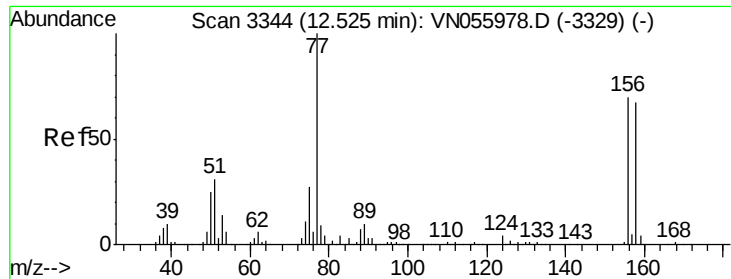
Delta R.T. 0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Tgt Ion:	75	Resp:	192057
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.140 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

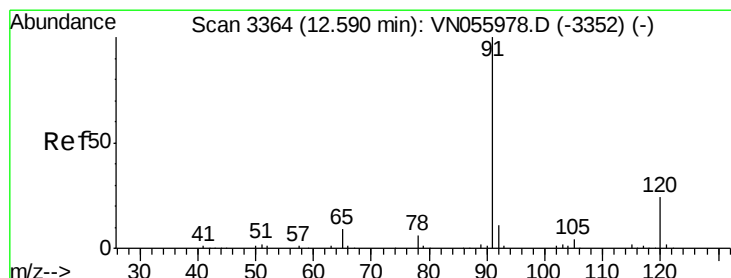
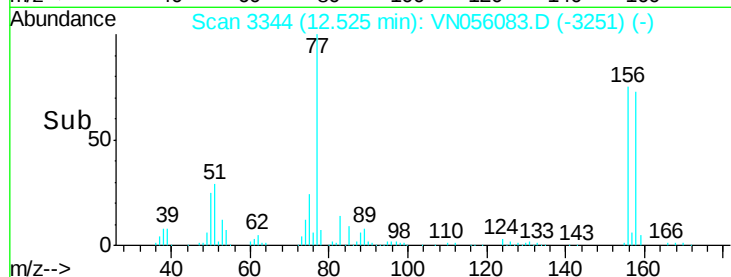
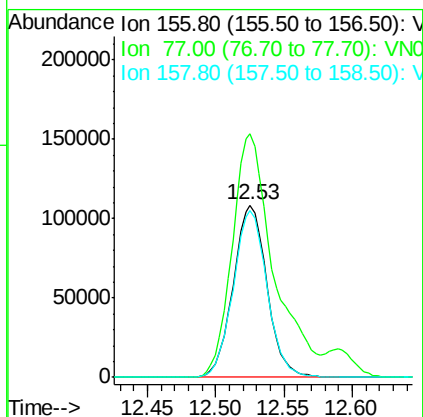
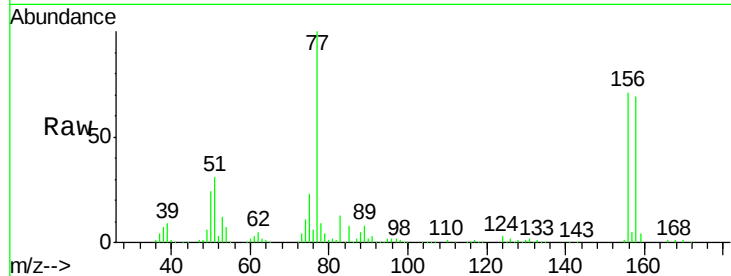
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	186094
Ion Ratio	Lower	Upper	
156	100		
77	174.7	90.8	272.5
158	97.3	49.3	147.8

Manual Integrations
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#78

n-propylbenzene

Concen: 49.125 ug/l

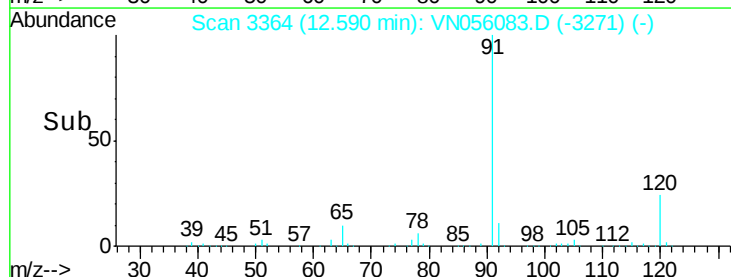
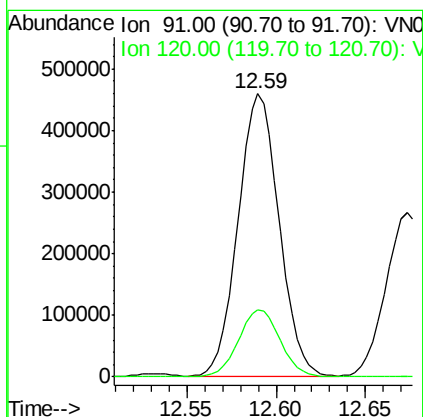
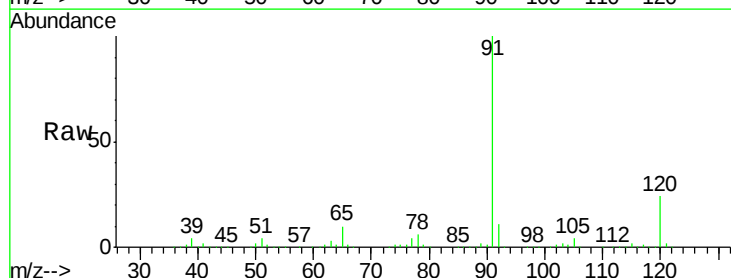
RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Tgt Ion:	91	Resp:	735126
Ion Ratio	Lower	Upper	
91	100		
120	24.1	12.0	36.0





#79

2-Chlorotoluene

Concen: 54.475 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 450429

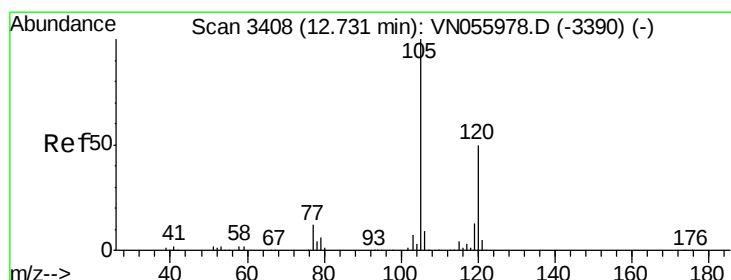
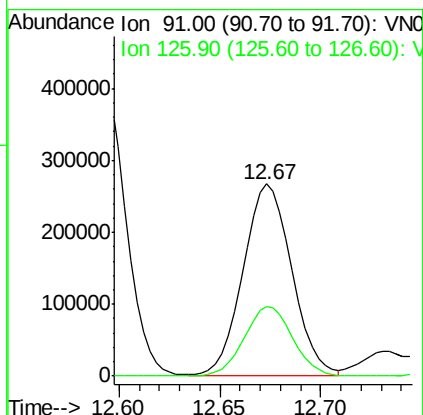
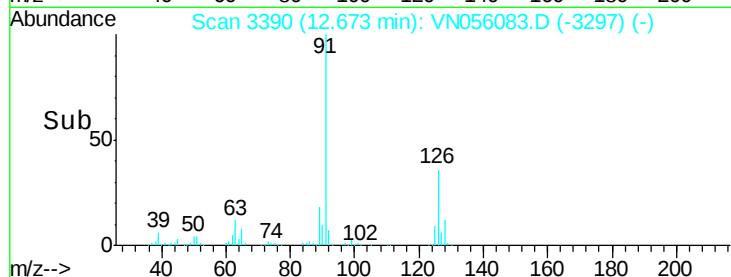
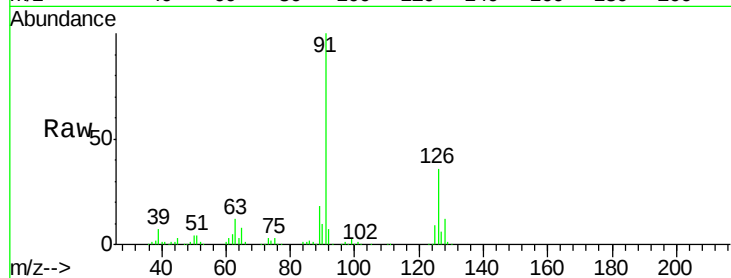
Ion Ratio Lower Upper

91 100

126 36.2 18.1 54.4

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 47.687 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN056083.D

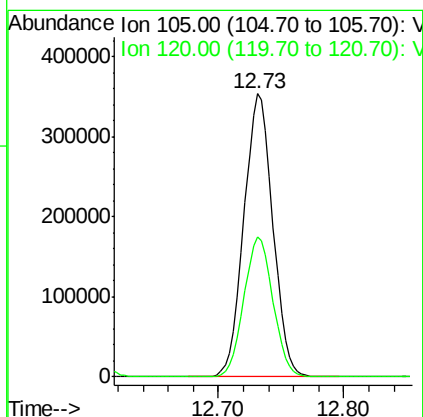
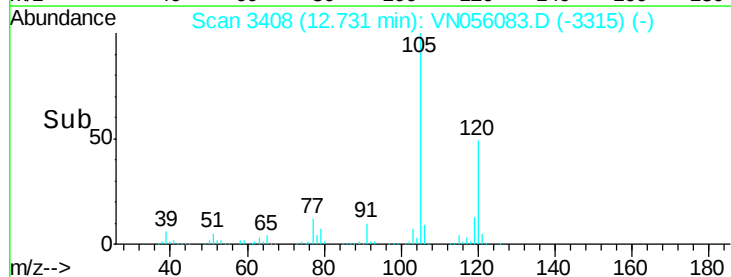
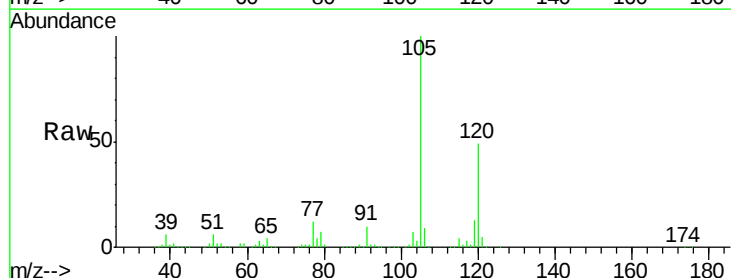
Acq: 7 Jun 2019 7:39

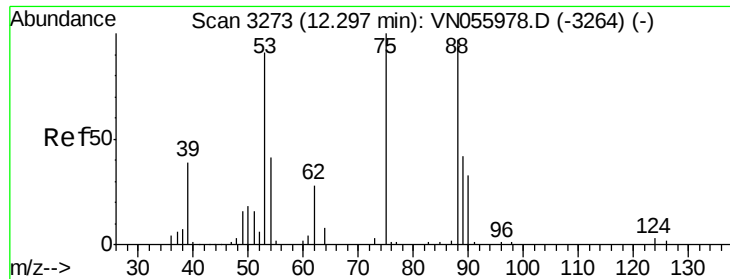
Tgt Ion: 105 Resp: 567144

Ion Ratio Lower Upper

105 100

120 49.7 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 43.062 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 42086

Ion Ratio Lower Upper

75 100

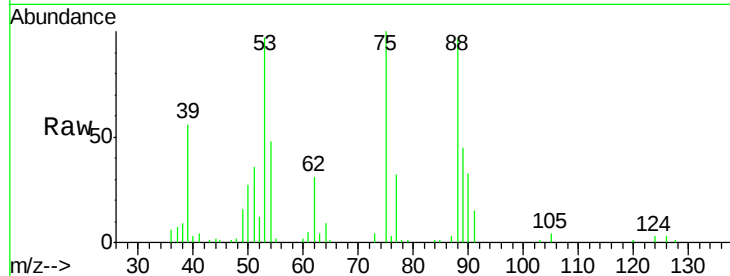
53 99.6 68.1 102.1

89 44.6 36.9 55.3

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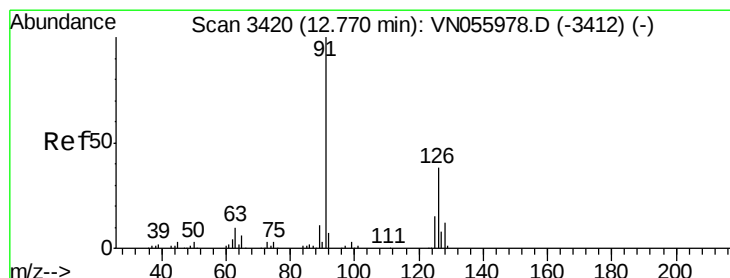
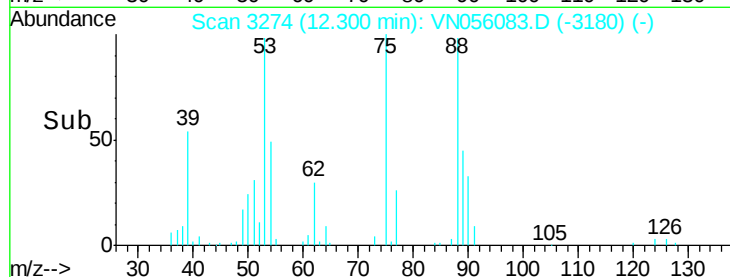
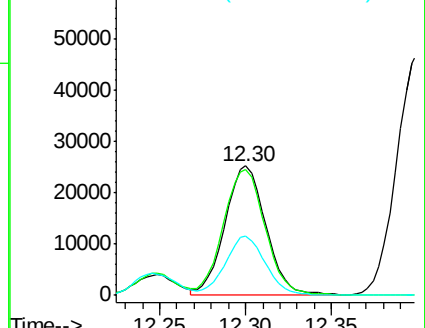
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Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN055978.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN055978.D (-3264) (-)



#82

4-Chlorotoluene

Concen: 50.124 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056083.D

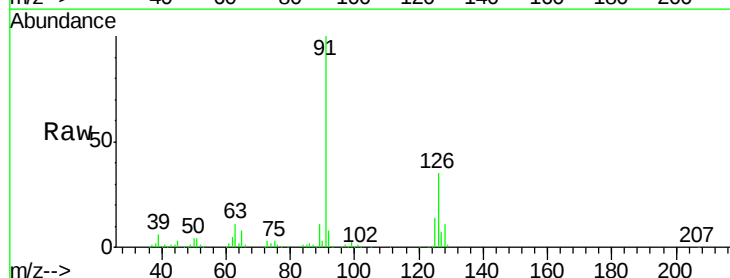
Acq: 7 Jun 2019 7:39

Tgt Ion: 91 Resp: 438820

Ion Ratio Lower Upper

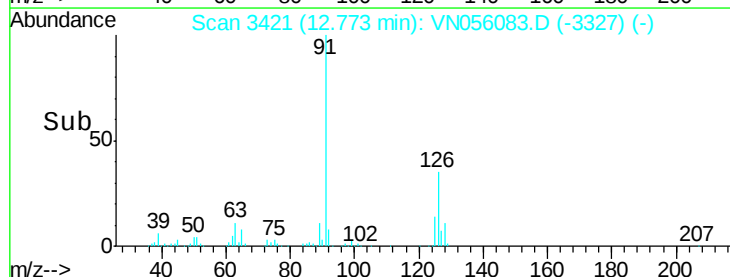
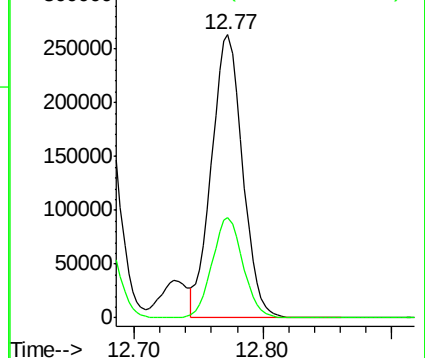
91 100

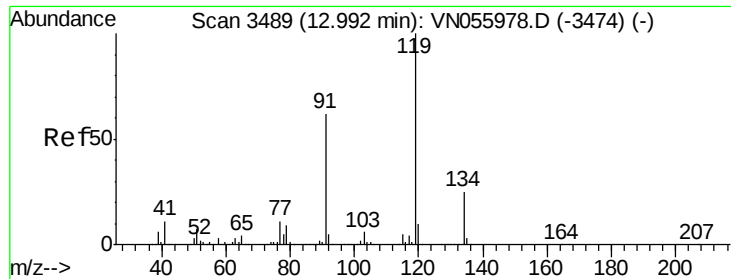
126 35.4 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN055978.D (-3412) (-)





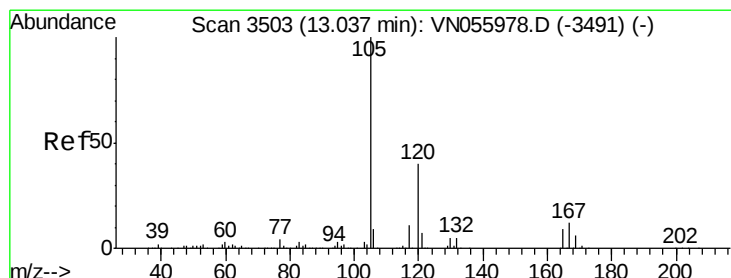
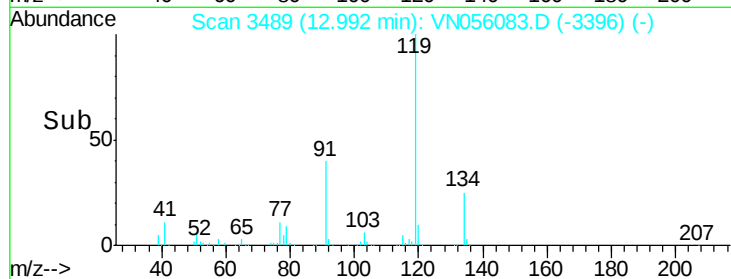
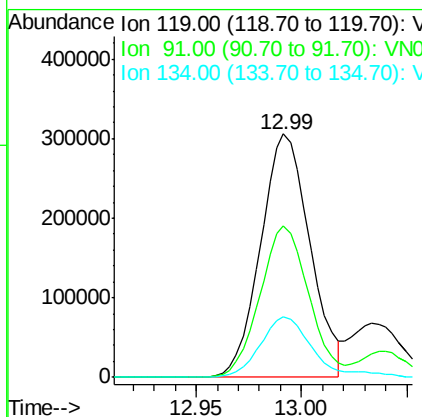
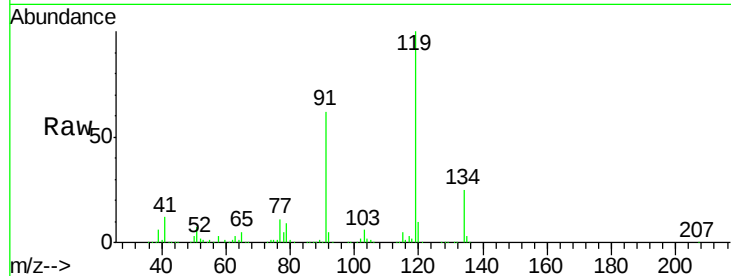
#83
 tert-Butylbenzene
 Concen: 54.225 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.3	30.9	92.8
134	26.6	13.3	39.8

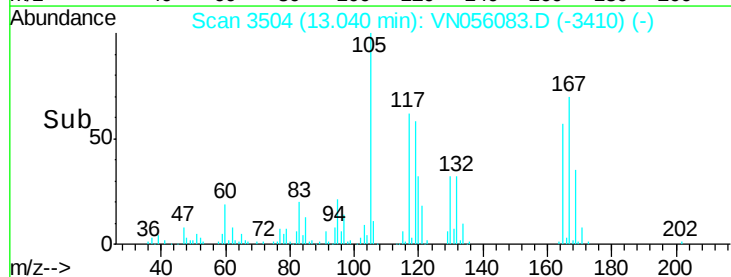
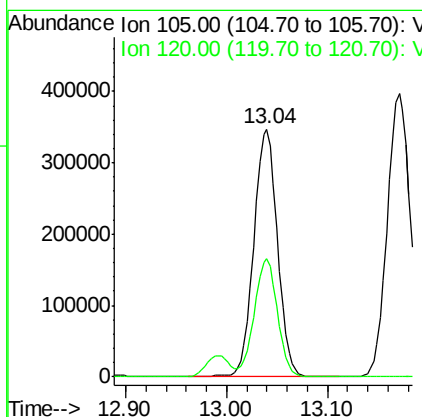
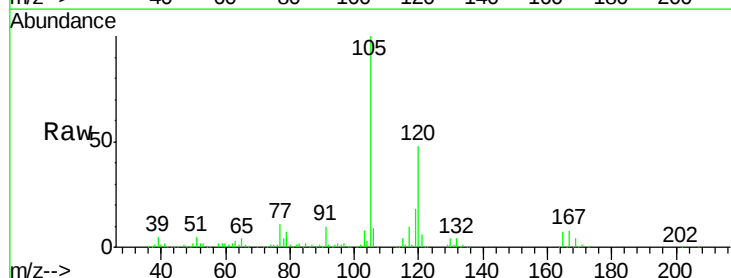
Manual Integrations
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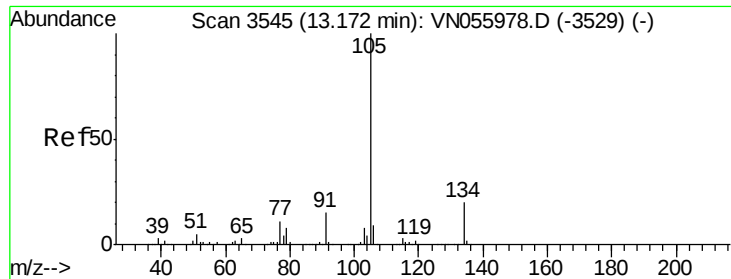
MMDadoda
 6/7/2019 9:42:05 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 49.612 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.0	69.0





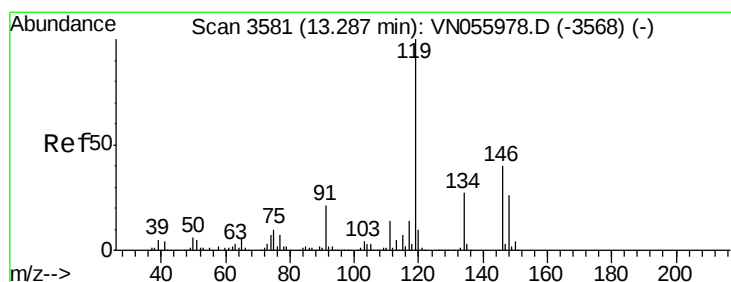
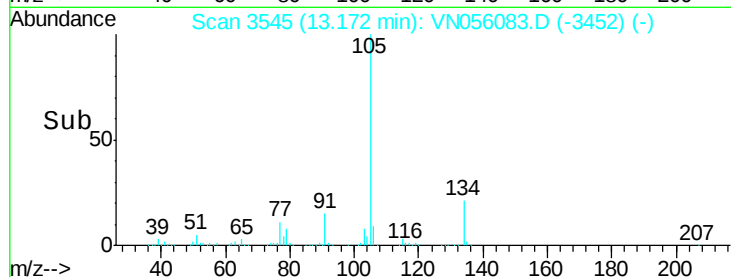
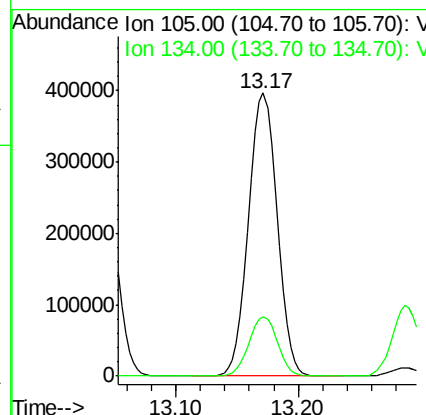
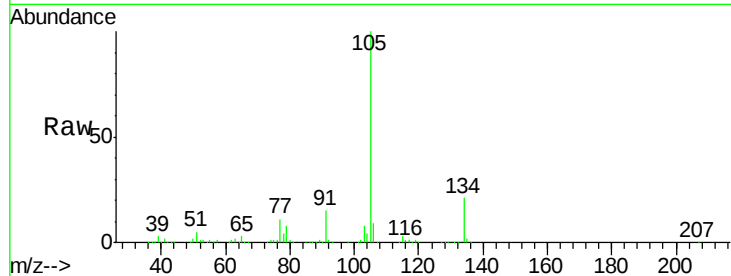
#85
 sec-Butylbenzene
 Concen: 48.334 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.9	10.4	31.2

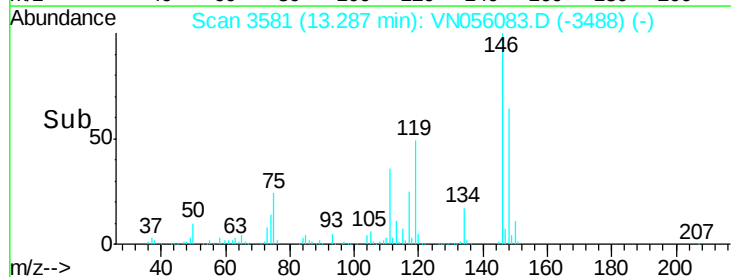
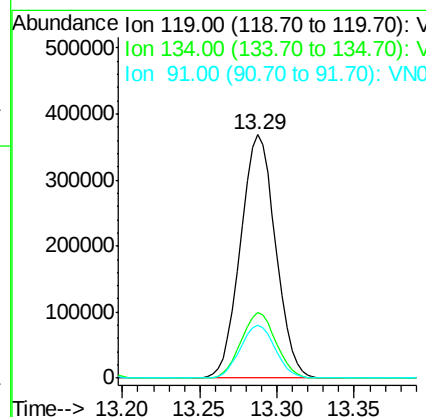
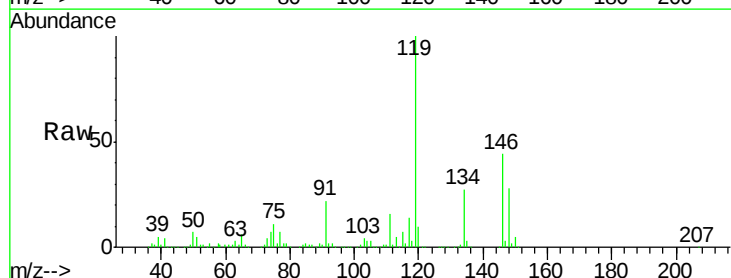
Manual Integrations
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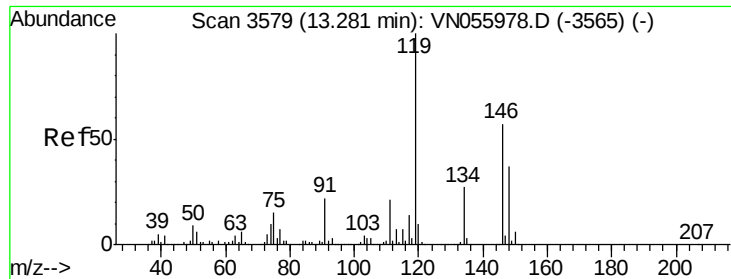
MMDadoda
 6/7/2019 9:42:05 AM



#86
 p-Isopropyltoluene
 Concen: 48.787 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.4	40.1
91	21.8	10.9	32.9





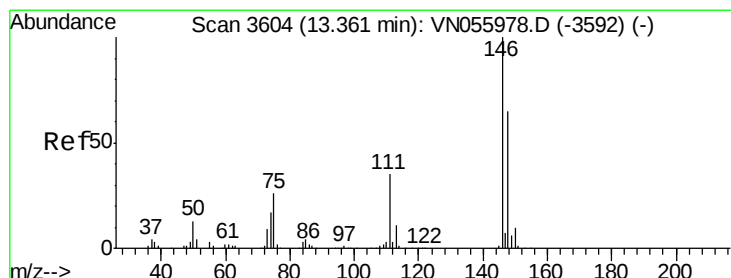
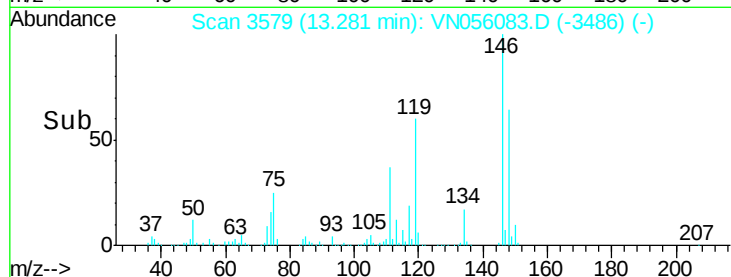
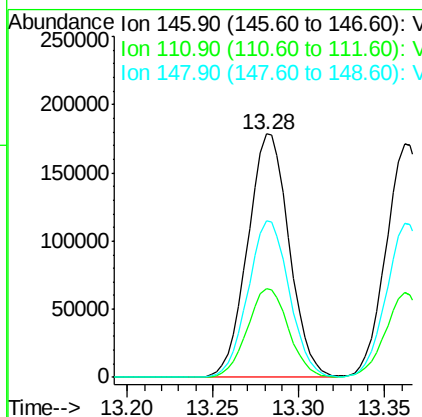
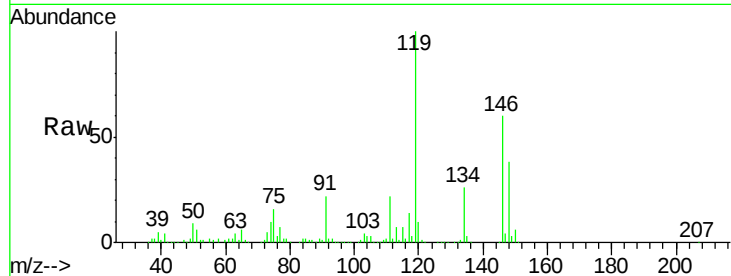
#87
 1,3-Dichlorobenzene
 Concen: 51.088 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	299437		
111	36.3	18.5	55.5	
148	64.1	32.0	96.2	

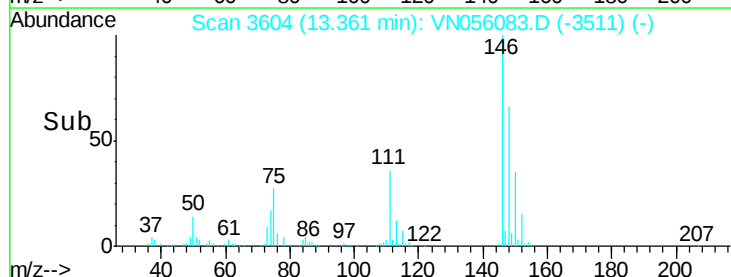
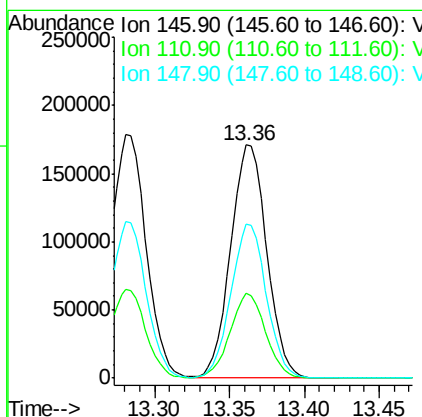
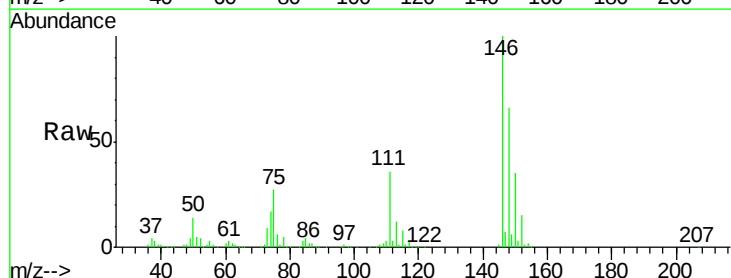
Manual Integrations
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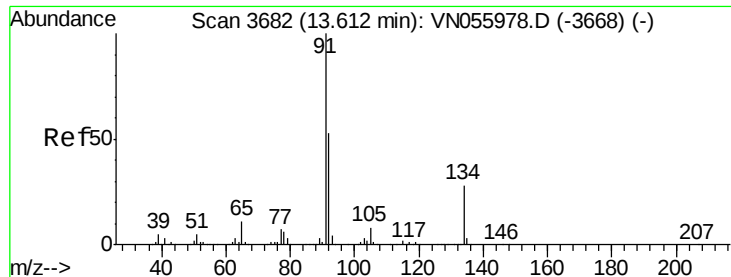
MMDadoda
 6/7/2019 9:42:05 AM



#88
 1,4-Dichlorobenzene
 Concen: 51.176 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	288546		
111	35.5	18.1	54.4	
148	64.8	32.1	96.5	





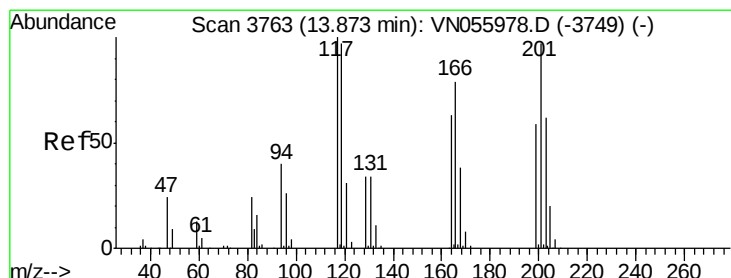
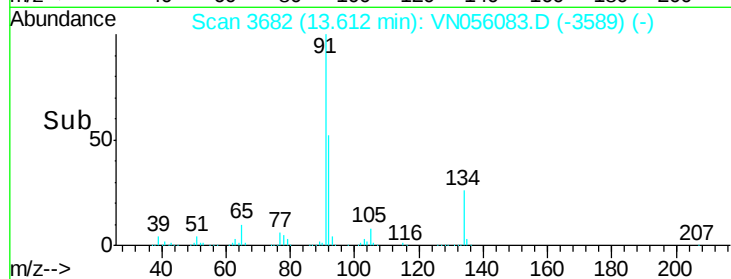
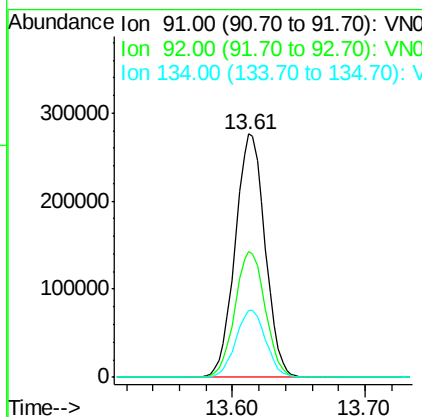
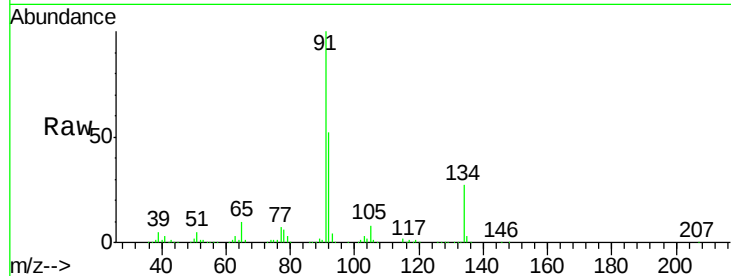
#89
n-Butylbenzene
Concen: 49.229 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.4	79.0
134	27.7	13.9	41.7

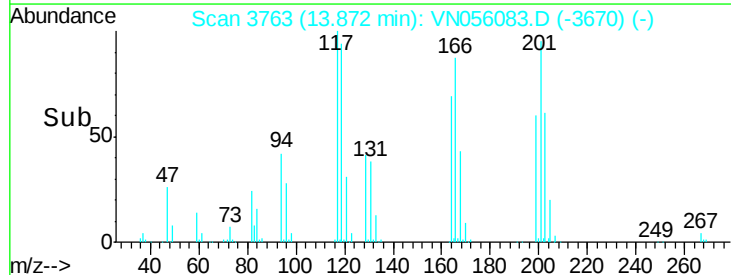
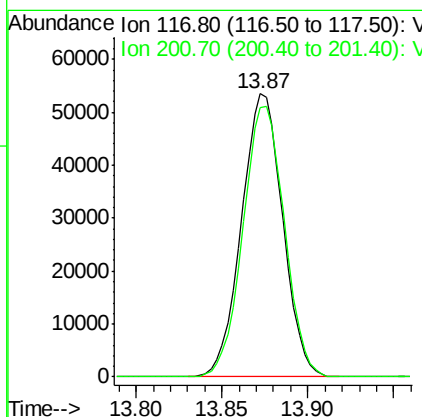
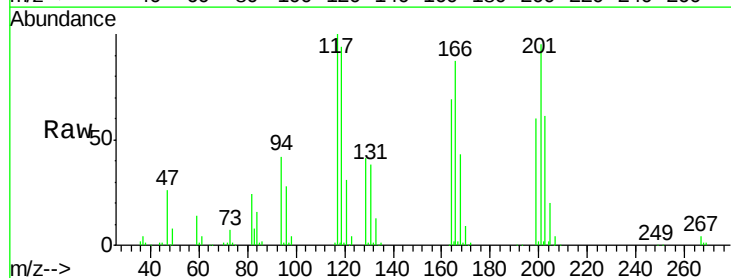
Manual Integrations
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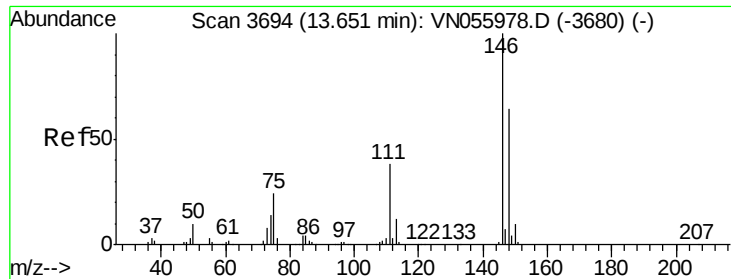
MMDadoda
6/7/2019 9:42:05 AM



#90
Hexachloroethane
Concen: 49.680 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056083.D
Acq: 7 Jun 2019 7:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.2	50.0	150.0





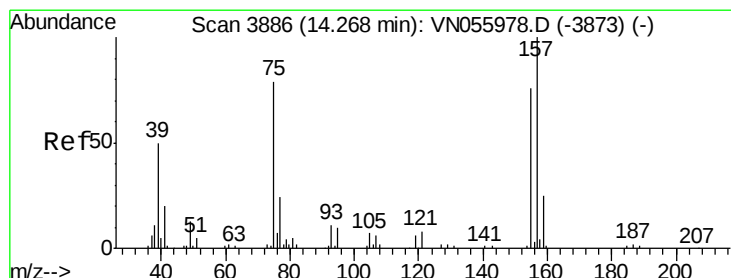
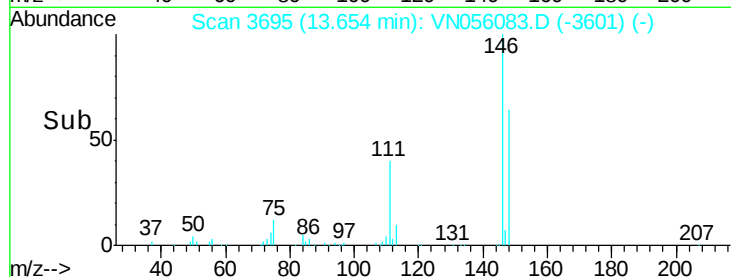
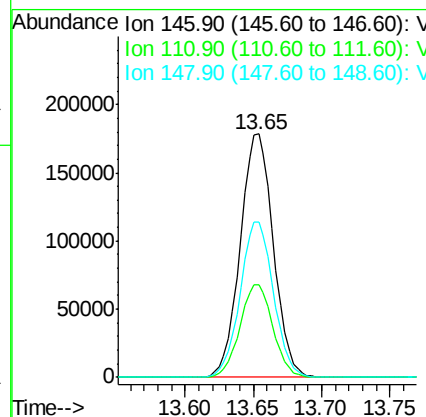
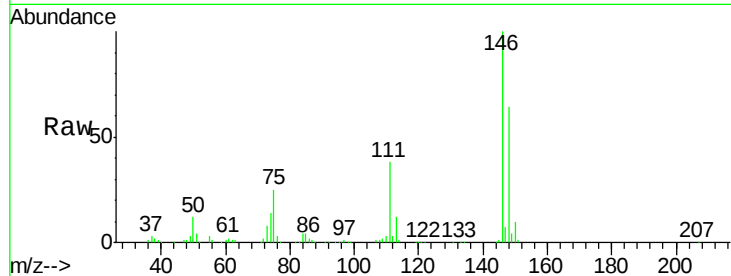
#91
 1,2-Dichlorobenzene
 Concen: 50.818 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.5
148	64.0	31.9	95.9

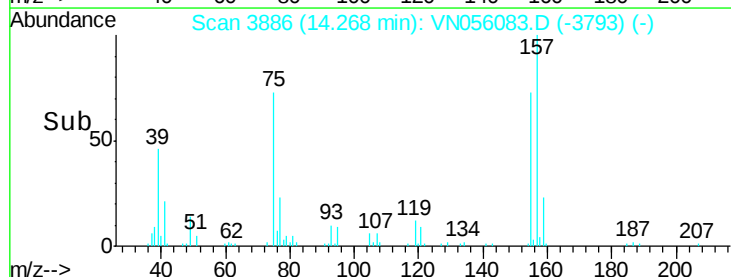
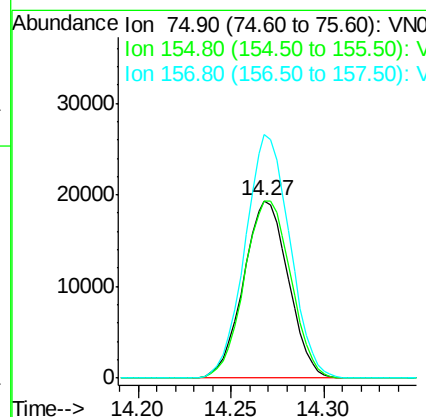
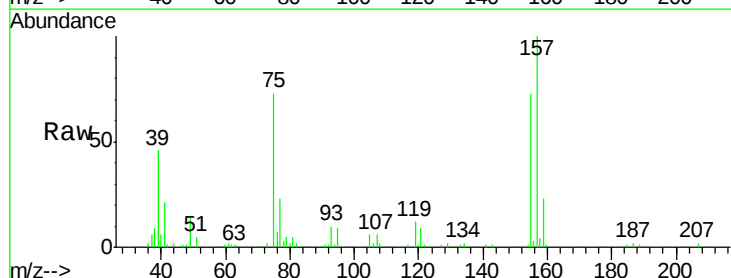
Manual Integrations
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 6/7/2019 9:42:05 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.297 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.7	50.0	150.1
157	136.9	64.8	194.3





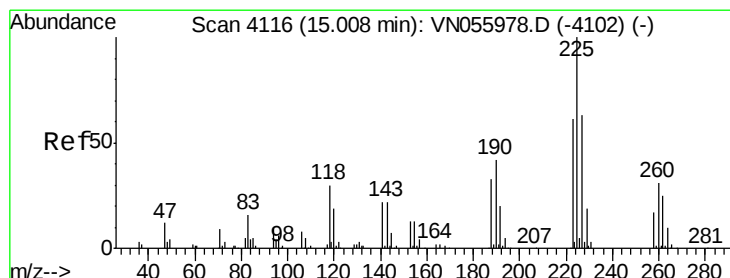
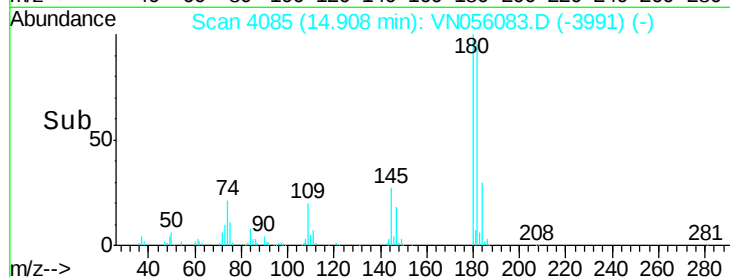
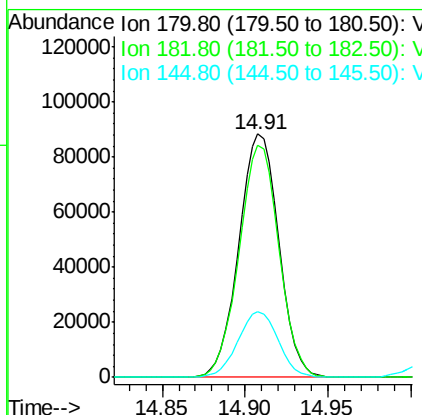
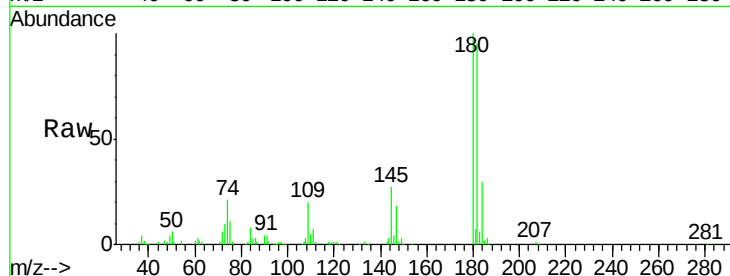
#93
 1,2,4-Trichlorobenzene
 Concen: 45.782 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	148009
Ion Ratio	Lower	Upper	
180	100		
182	95.3	48.3	144.9
145	27.4	14.0	41.9

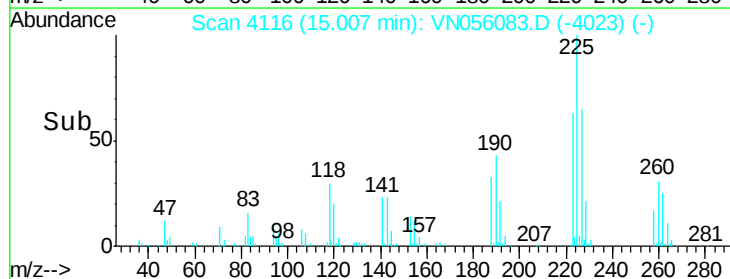
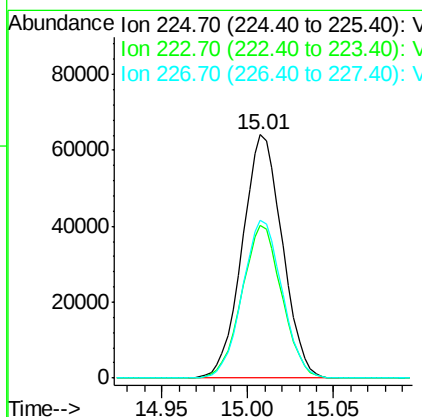
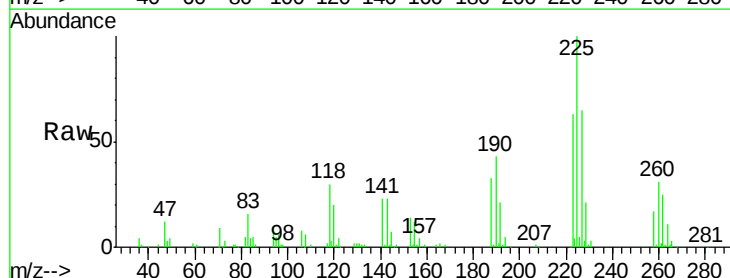
Manual Integrations
 APPROVED

MMDadoda
 6/7/2019 9:42:05 AM



#94
 Hexachlorobutadiene
 Concen: 51.174 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056083.D
 Acq: 7 Jun 2019 7:39

Tgt Ion:	225	Resp:	103764
Ion Ratio	Lower	Upper	
225	100		
223	62.4	30.9	92.7
227	64.1	31.6	94.7





#95

Naphthalene

Concen: 48.634 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Instrument :

MSVOA_N

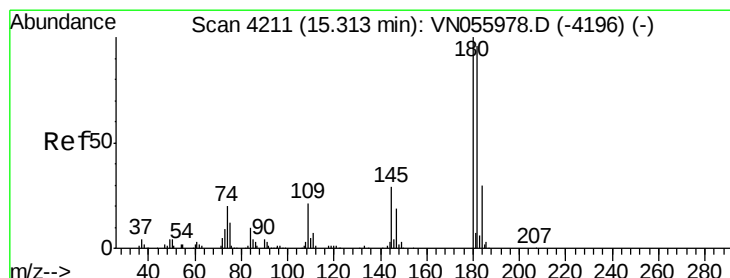
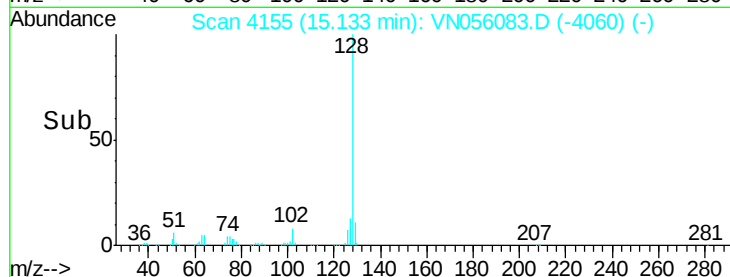
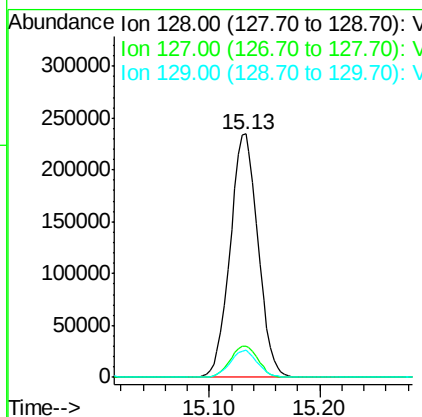
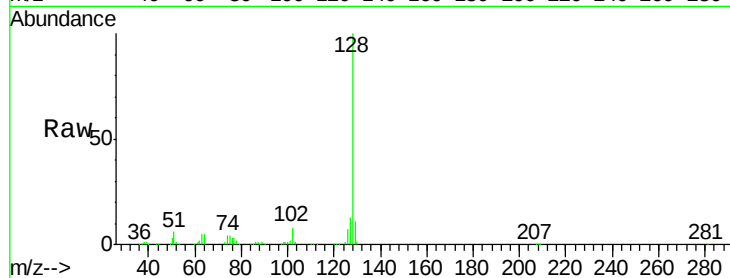
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	410501
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
6/7/2019 9:42:05 AM



#96

1,2,3-Trichlorobenzene

Concen: 48.632 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056083.D

Acq: 7 Jun 2019 7:39

Tgt Ion:	180	Resp:	161326
Ion Ratio		Lower	Upper
180	100		
182	97.3	47.9	143.7
145	29.7	14.9	44.7

