

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100319\
 Data File : VN058525.D
 Acq On : 3 Oct 2019 20:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/7/2019 10:36:28 AM

Quant Time: Oct 05 00:25:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	330101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	580055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	541407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	266608	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	247057	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
35) Dibromofluoromethane	7.57	113	173753	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	10.08	98	677110	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
62) 4-Bromofluorobenzene	12.40	95	254233	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	184706	51.030	ug/l	100
3) Chloromethane	2.04	50	227711	57.224	ug/l	99
4) Vinyl Chloride	2.17	62	212512	54.516	ug/l	99
5) Bromomethane	2.54	94	85219	41.158	ug/l	98
6) Chloroethane	2.68	64	130699	55.958	ug/l	99
7) Trichlorofluoromethane	3.00	101	244002	51.870	ug/l	98
8) Diethyl Ether	3.39	74	111540	54.955	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	161494	50.550	ug/l	97
10) Methyl Iodide	3.93	142	126978	35.845	ug/l	98
11) Tert butyl alcohol	4.75	59	152778	285.089	ug/l	96
12) 1,1-Dichloroethene	3.71	96	157333	50.524	ug/l	96
13) Acrolein	3.59	56	22557	132.340	ug/l	90
14) Allyl chloride	4.30	41	302676	53.410	ug/l	98
15) Acrylonitrile	4.96	53	457070	292.649	ug/l	100
16) Acetone	3.79	43	393617	239.365	ug/l	99
17) Carbon Disulfide	4.03	76	429008	52.263	ug/l	98
18) Methyl Acetate	4.30	43	242884	58.726	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	610563	55.570	ug/l	98
20) Methylene Chloride	4.53	84	199100	52.465	ug/l	100
21) trans-1,2-Dichloroethene	5.02	96	179548	51.850	ug/l	96
22) Diisopropyl ether	5.93	45	686427	56.288	ug/l	100
23) Vinyl Acetate	5.87	43	2816842	306.341	ug/l	99
24) 1,1-Dichloroethane	5.82	63	378416	55.137	ug/l	99
25) 2-Butanone	6.81	43	615699	272.707	ug/l	99
26) 2,2-Dichloropropane	6.80	77	280377	49.691	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	215931	53.353	ug/l	100
28) Bromochloromethane	7.18	49	145023	52.862	ug/l	97
29) Tetrahydrofuran	7.19	42	408924	285.369	ug/l	100
30) Chloroform	7.35	83	386867	55.626	ug/l	97
31) Cyclohexane	7.63	56	308706	46.241	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	313520	54.896	ug/l	99
36) 1,1-Dichloropropene	7.78	75	272320	49.098	ug/l	99
37) Ethyl Acetate	6.91	43	267469	56.879	ug/l	100
38) Carbon Tetrachloride	7.75	117	260165	51.966	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	300272	46.359	ug/l	98
40) Benzene	8.02	78	828487	51.965	ug/l	100
41) Methacrylonitrile	7.15	41	127855m	59.100	ug/l	
42) 1,2-Dichloroethane	8.11	62	326665	52.665	ug/l	100
43) Isopropyl Acetate	8.15	43	472390	53.421	ug/l #	91
44) Trichloroethene	8.82	130	202879	51.536	ug/l	97
45) 1,2-Dichloropropane	9.11	63	231076	54.042	ug/l	96
46) Dibromomethane	9.20	93	148820	54.959	ug/l	96
47) Bromodichloromethane	9.39	83	293080	57.125	ug/l	99
48) Methyl methacrylate	9.19	41	228802	56.823	ug/l	99
49) 1,4-Dioxane	9.19	88	67966	1262.367	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	1397403	307.646	ug/l	99
52) Toluene	10.15	92	505854	50.409	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	319686	57.249	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	344670	55.604	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	205474	56.233	ug/l	100
56) Ethyl methacrylate	10.43	69	328635	59.272	ug/l	99
57) 1,3-Dichloropropane	10.71	76	363285	55.739	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	806102	364.611	ug/l	98
59) 2-Hexanone	10.75	43	1011007	305.677	ug/l	99
60) Dibromochloromethane	10.90	129	211494	55.960	ug/l	99
61) 1,2-Dibromoethane	11.00	107	212109	56.811	ug/l	99
64) Tetrachloroethene	10.63	164	178199	51.806	ug/l	97
65) Chlorobenzene	11.43	112	544758	50.619	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	197992	54.604	ug/l	99
67) Ethyl Benzene	11.51	91	1000944	51.349	ug/l	99
68) m/p-Xylenes	11.62	106	731663	99.763	ug/l	98
69) o-Xylene	11.95	106	354396	50.197	ug/l	97
70) Styrene	11.97	104	624023	54.407	ug/l	99
71) Bromoform	12.13	173	129957	51.837	ug/l #	98
73) Isopropylbenzene	12.25	105	956438	48.543	ug/l	99
74) N-amyl acetate	12.07	43	464694	59.284	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	305853	52.496	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	261326m	53.665	ug/l	
77) Bromobenzene	12.53	156	227516	49.247	ug/l	96
78) n-propylbenzene	12.60	91	1141419	51.421	ug/l	99
79) 2-Chlorotoluene	12.68	91	675381	49.294	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	825058	50.024	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	82575	51.501	ug/l	97
82) 4-Chlorotoluene	12.78	91	695560	49.752	ug/l	100
83) tert-Butylbenzene	13.00	119	683464	49.109	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	829571	50.202	ug/l	98
85) sec-Butylbenzene	13.18	105	922624	50.367	ug/l	99
86) p-Isopropyltoluene	13.29	119	845853	52.458	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	419515	50.079	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	415491	49.851	ug/l	99
89) n-Butylbenzene	13.62	91	795723	54.479	ug/l	99
90) Hexachloroethane	13.88	117	123244	50.872	ug/l	95
91) 1,2-Dichlorobenzene	13.66	146	413096	51.322	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	57742	56.201	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	255224	57.381	ug/l	100
94) Hexachlorobutadiene	15.02	225	115681	50.601	ug/l	99
95) Naphthalene	15.13	128	755009	57.968	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	244721	54.882	ug/l	98

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

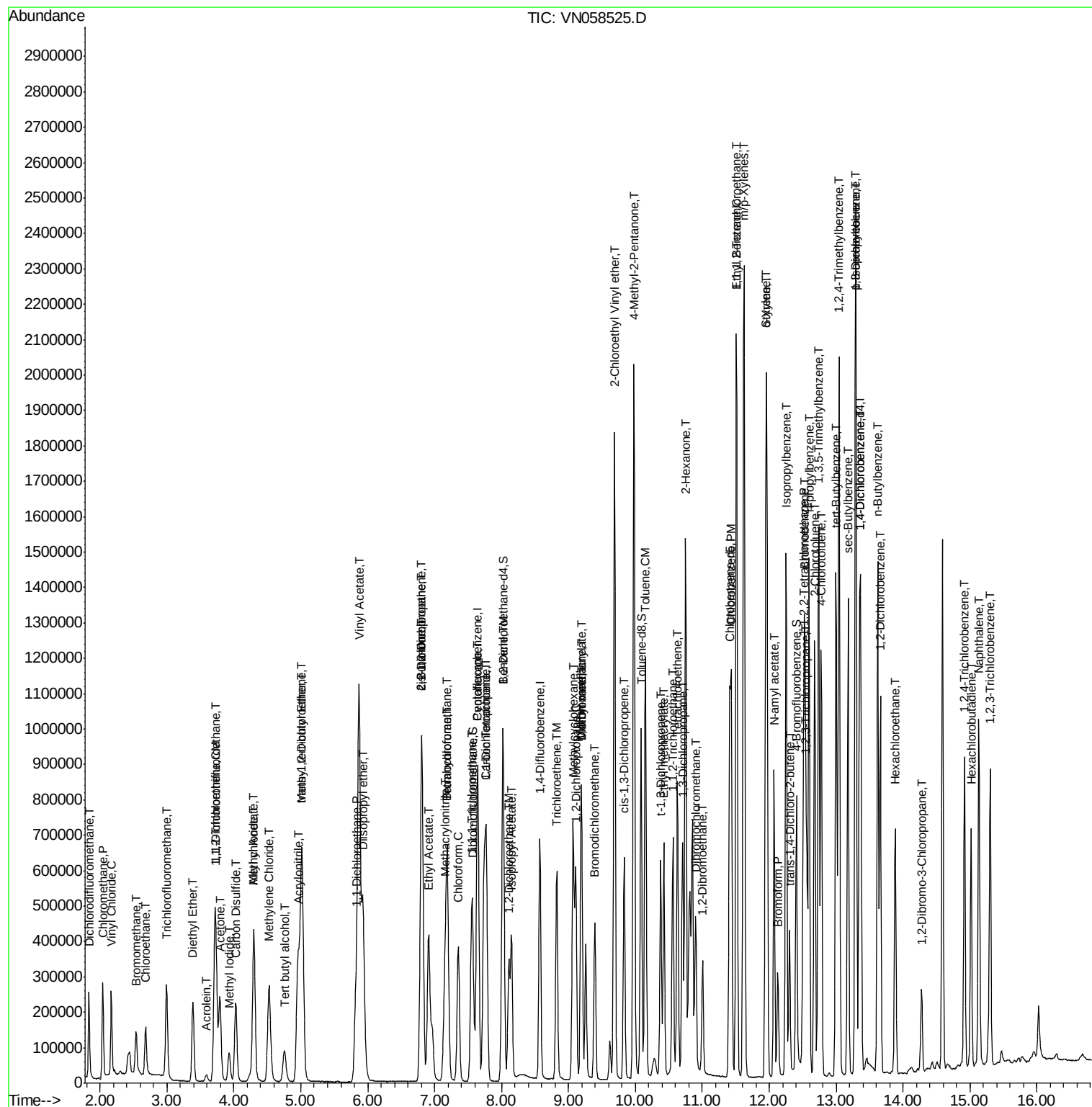
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100319\
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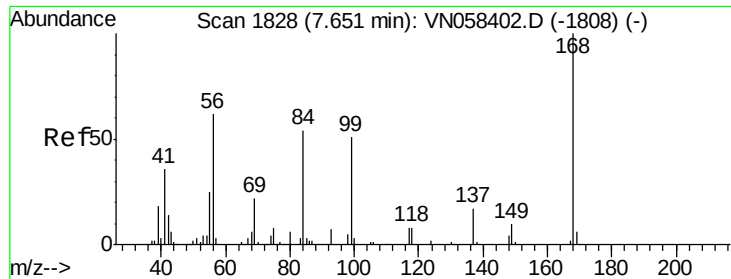
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

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Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN058525.D

Acq: 3 Oct 2019 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 330101

Ion Ratio Lower Upper

168 100

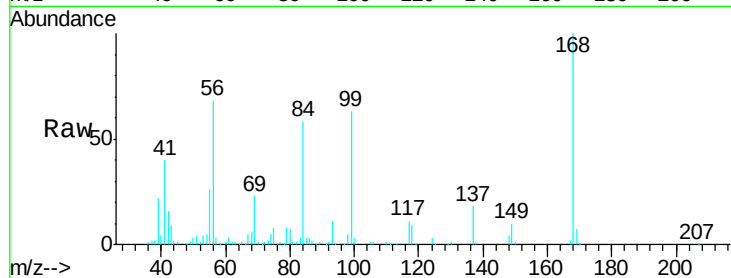
99 62.1 47.7 71.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

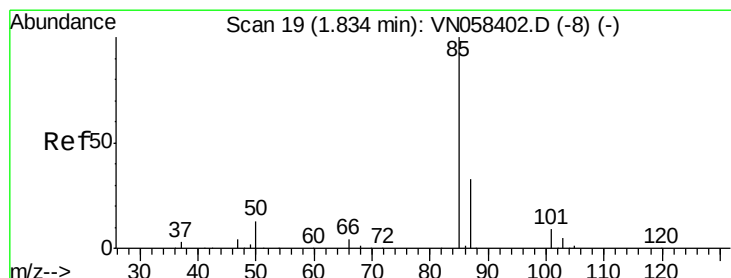
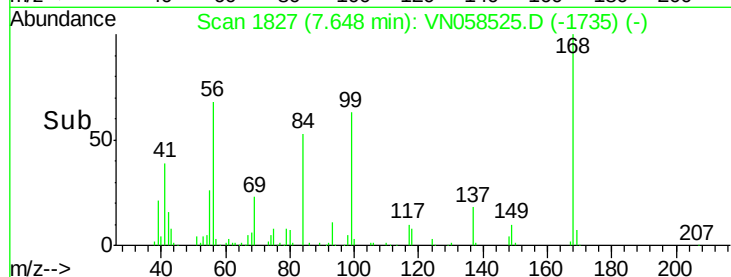
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 51.030 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN058525.D

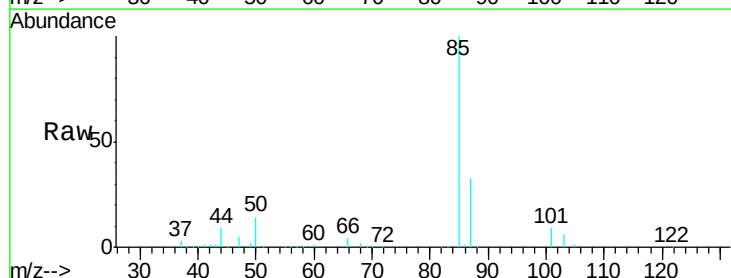
Acq: 3 Oct 2019 20:52

Tgt Ion: 85 Resp: 184706

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

150000

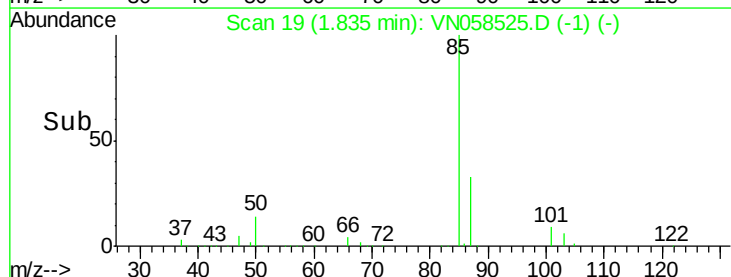
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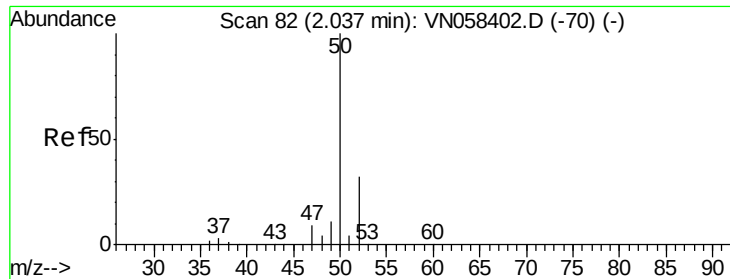
50000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 57.224 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN058525.D

Acq: 3 Oct 2019 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 227711

Ion Ratio Lower Upper

50 100

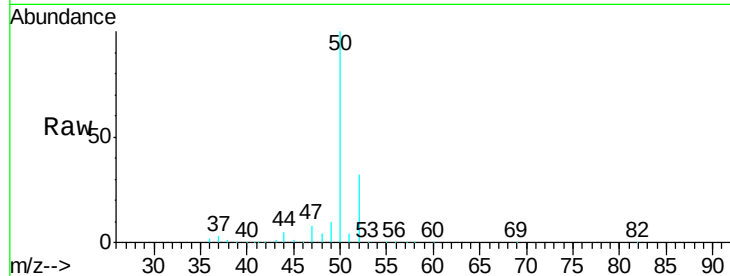
52 31.9 25.9 38.9

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

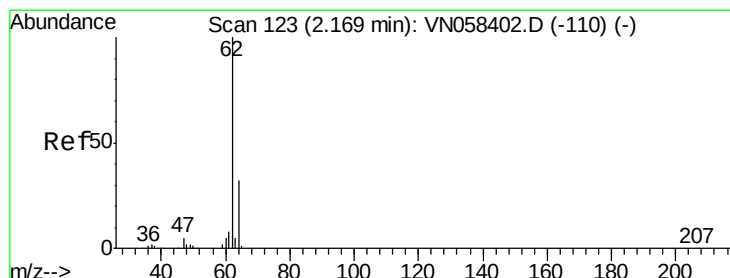
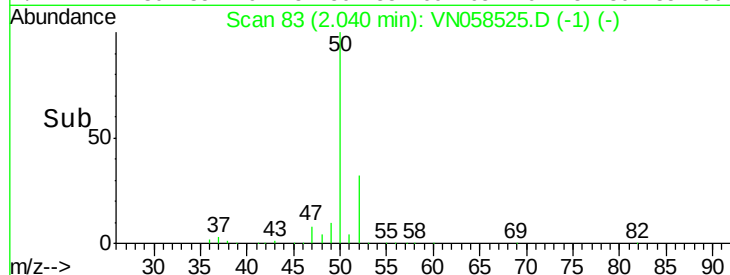
150000

100000

50000

0

Time--> 1.95 2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 54.516 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058525.D

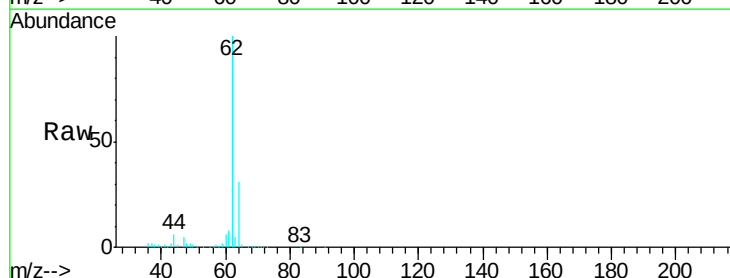
Acq: 3 Oct 2019 20:52

Tgt Ion: 62 Resp: 212512

Ion Ratio Lower Upper

62 100

64 31.1 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.17

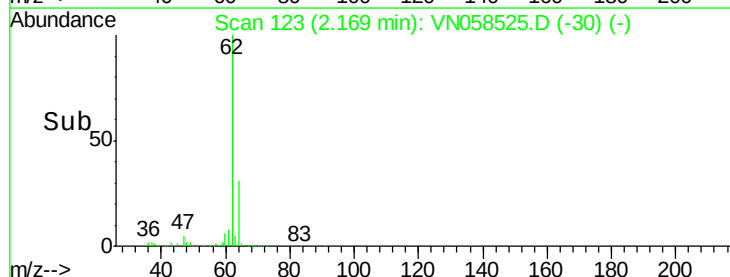
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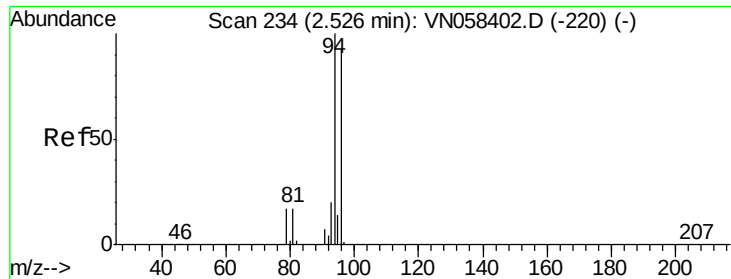
100000

50000

0

Time--> 2.10 2.20 2.30





#5

Bromomethane

Concen: 41.158 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.01 min

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Acq: 3 Oct 2019 20:52

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ClientSampleId :

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Tgt Ion: 94 Resp: 85219

Ion Ratio Lower Upper

94 100

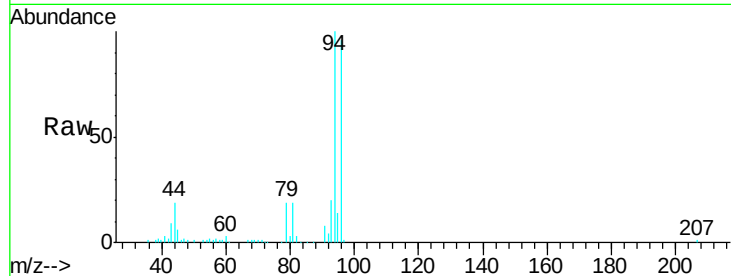
96 95.7 74.8 112.2

Manual Integrations

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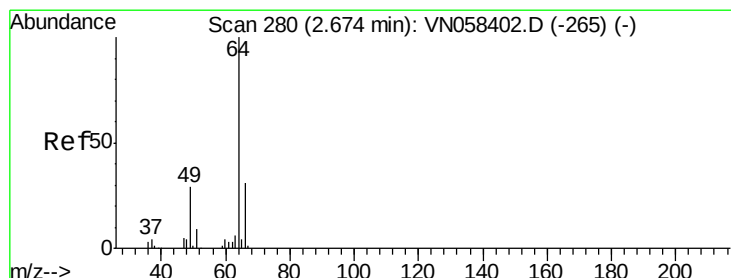
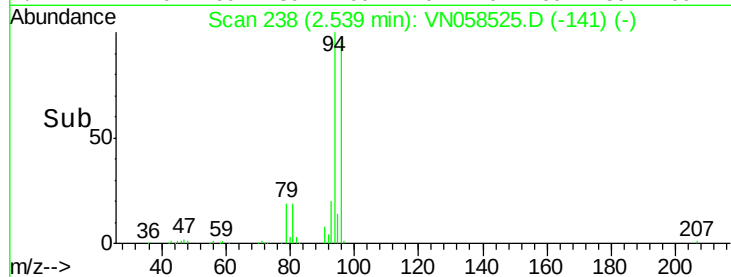
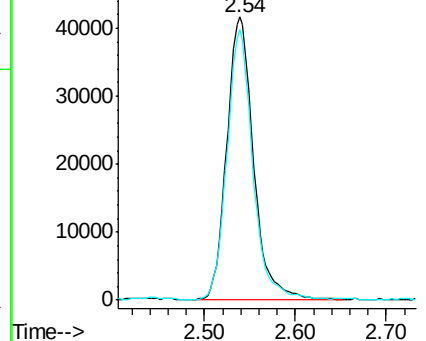
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 55.958 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.01 min

Lab File: VN058525.D

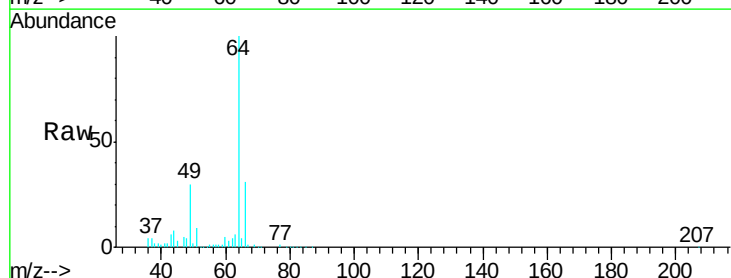
Acq: 3 Oct 2019 20:52

Tgt Ion: 64 Resp: 130699

Ion Ratio Lower Upper

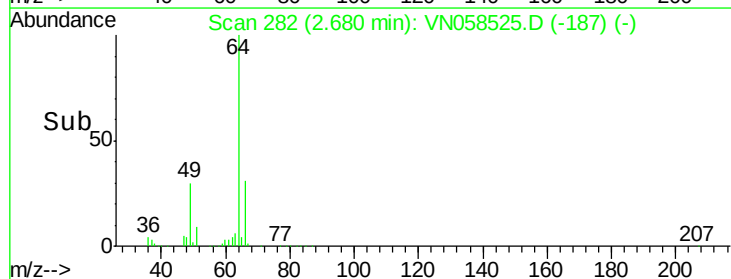
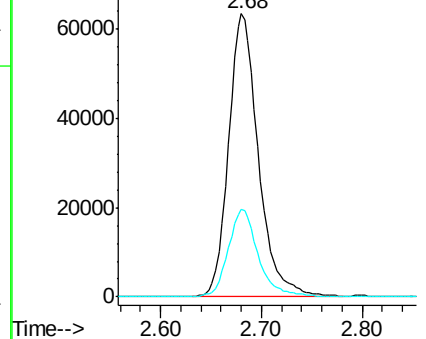
64 100

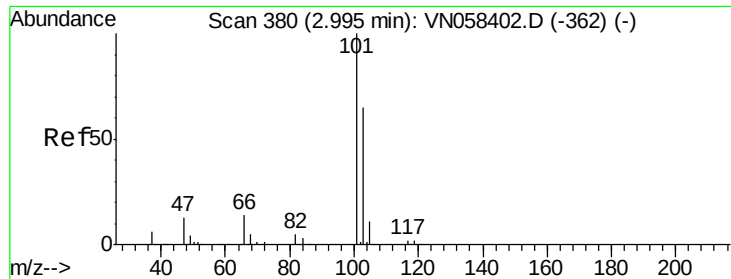
66 30.8 24.4 36.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

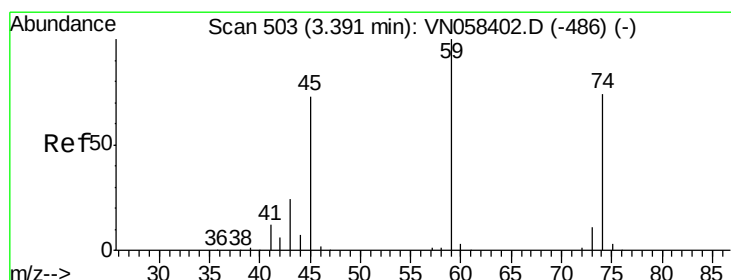
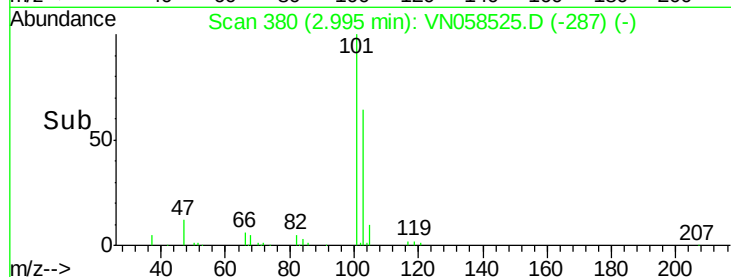
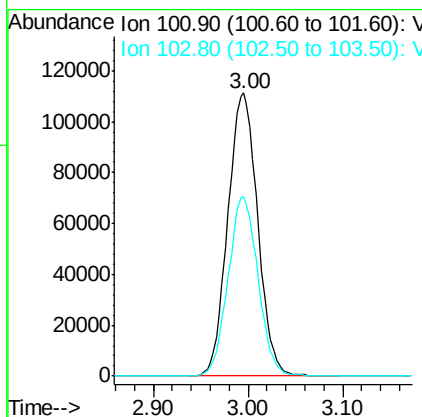
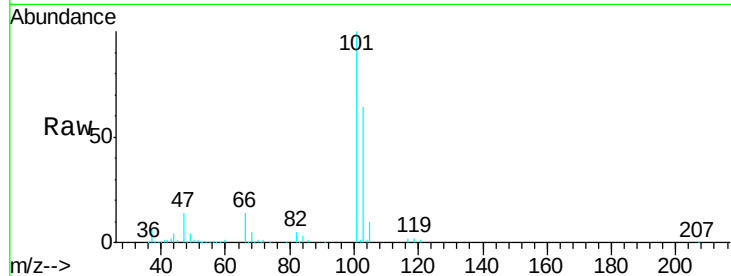
Trichlorofluoromethane
Concen: 51.870 ug/l
RT: 3.00 min Scan# 380
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

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Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.5	52.3	78.5

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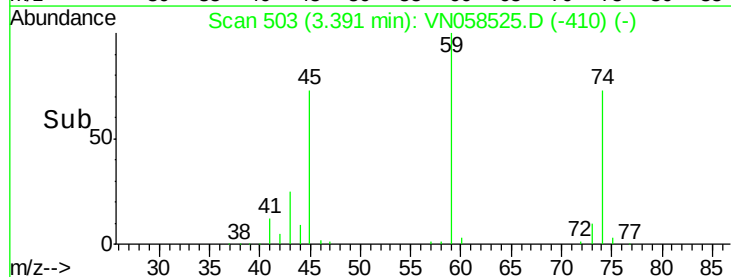
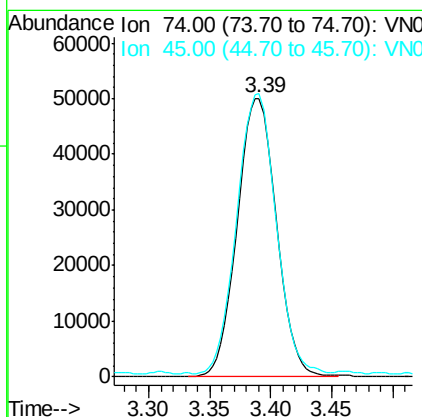
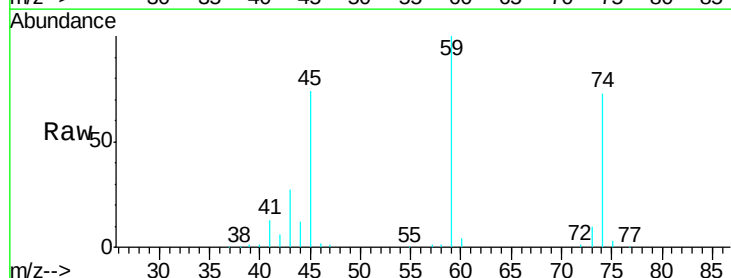
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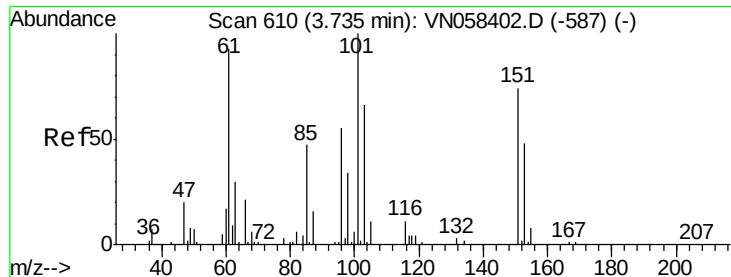


#8

Diethyl Ether
Concen: 54.955 ug/l
RT: 3.39 min Scan# 503
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.0	50.5	151.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.550 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN058525.D

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MSVOA_N

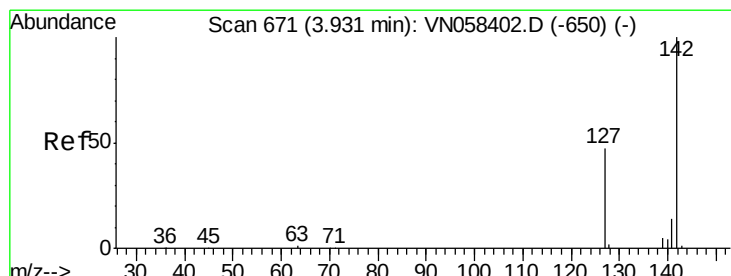
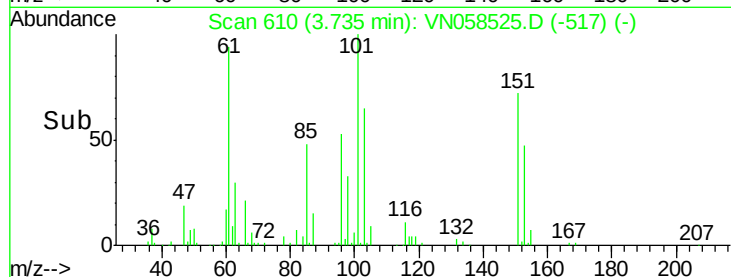
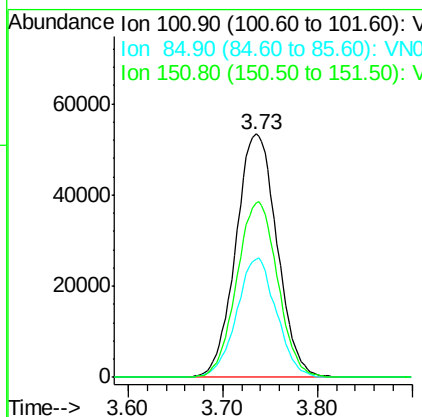
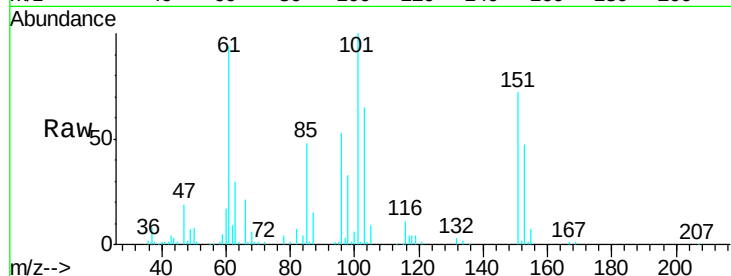
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	161494
Ion Ratio	Lower	Upper	
101	100		
85	47.2	36.7	55.1
151	71.5	59.4	89.0

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#10

Methyl Iodide

Concen: 35.845 ug/l

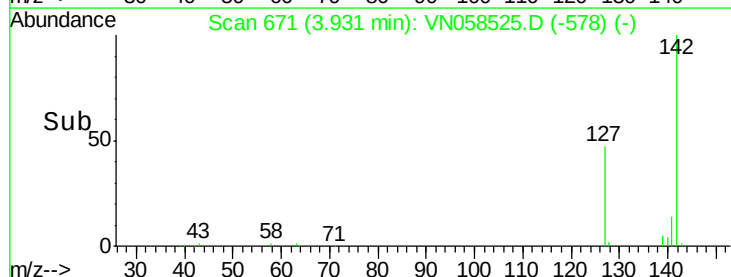
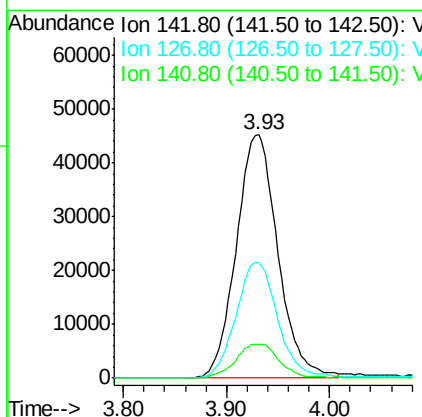
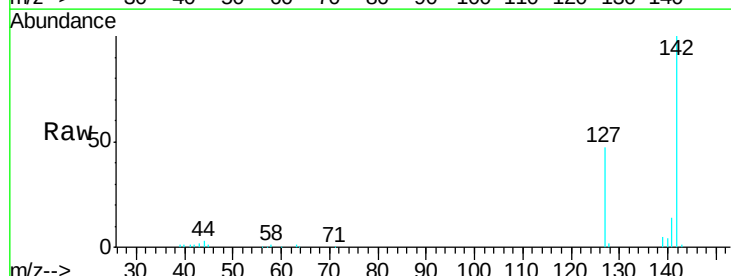
RT: 3.93 min Scan# 671

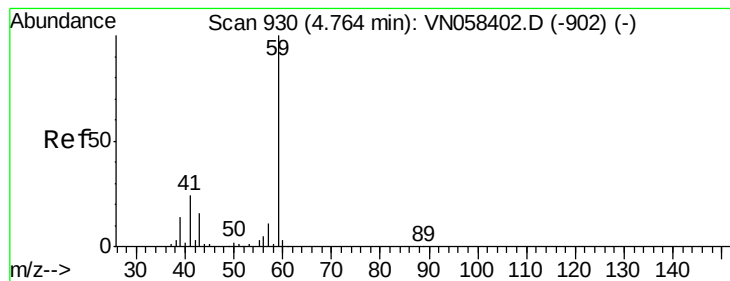
Delta R.T. 0.00 min

Lab File: VN058525.D

Acq: 3 Oct 2019 20:52

Tgt Ion:	142	Resp:	126978
Ion Ratio	Lower	Upper	
142	100		
127	47.7	37.2	55.8
141	14.6	11.3	16.9





#11

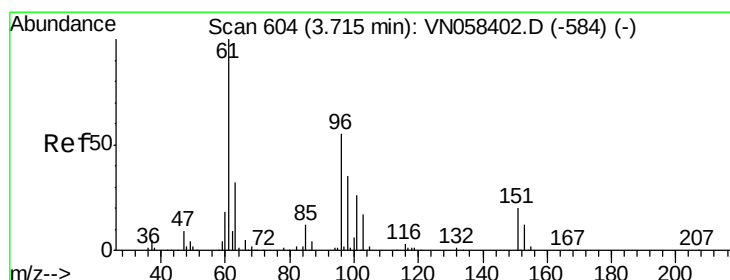
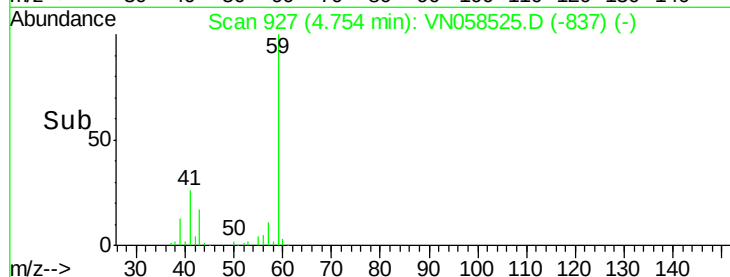
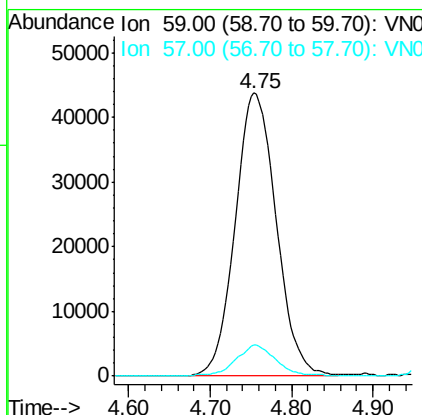
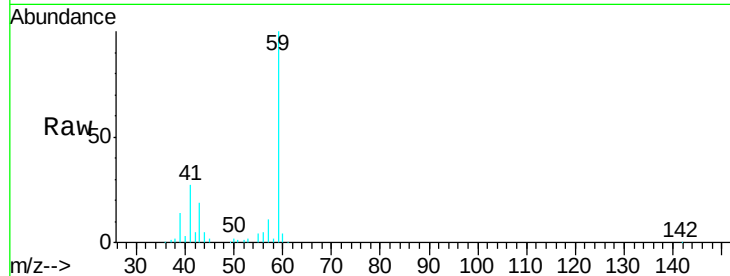
Tert butyl alcohol
 Concen: 285.089 ug/l
 RT: 4.75 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: VN058525.D
 Acq: 3 Oct 2019 20:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.5	9.0	13.4

Manual Integrations
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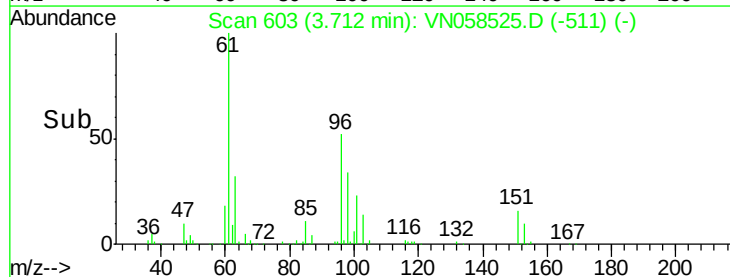
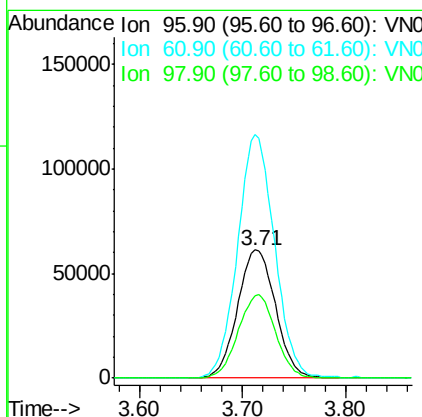
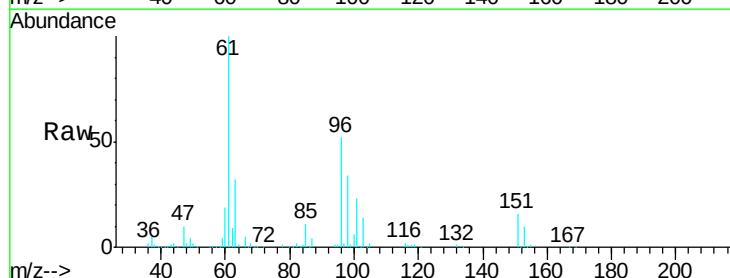
MMDadoda
 10/7/2019 10:36:28 AM

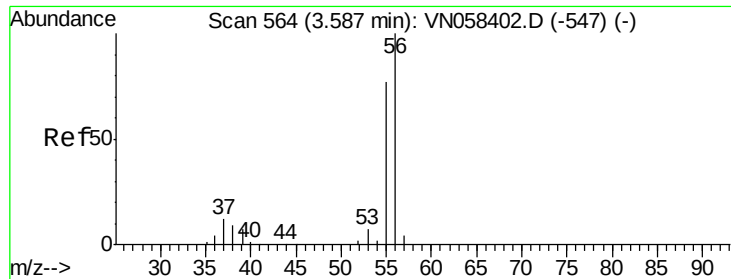


#12

1,1-Dichloroethene
 Concen: 50.524 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN058525.D
 Acq: 3 Oct 2019 20:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	190.5	146.7	220.1
98	64.0	51.3	76.9





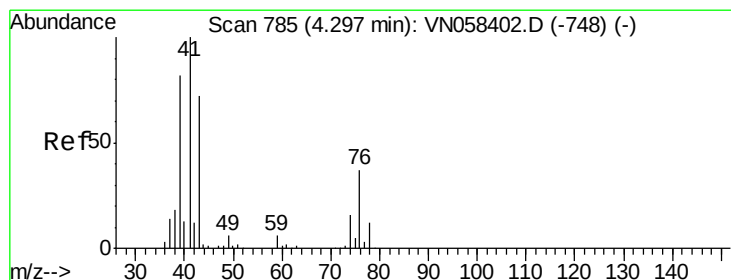
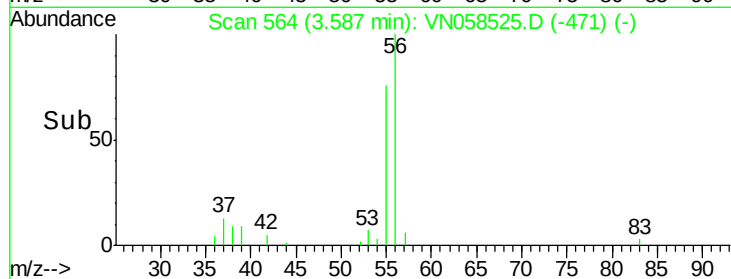
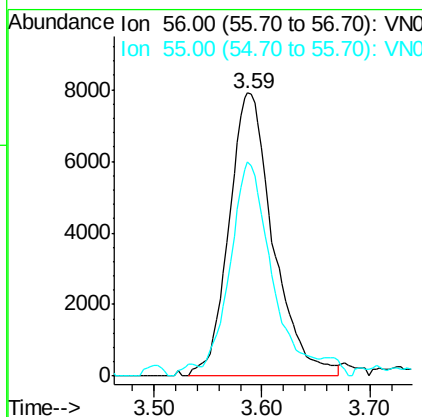
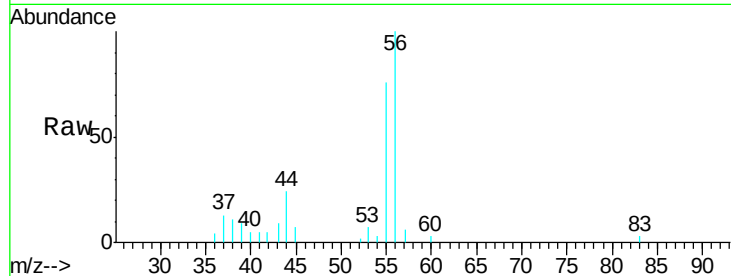
#13
Acrolein
Concen: 132.340 ug/l
RT: 3.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
55	64.6	58.3	87.5

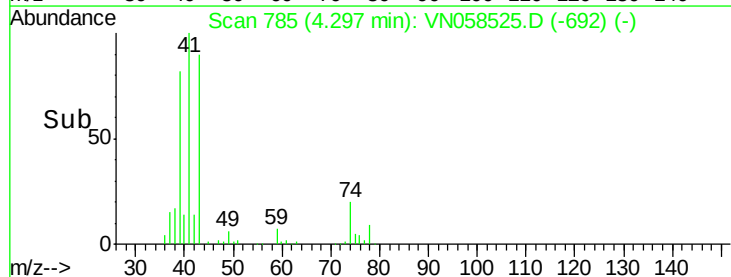
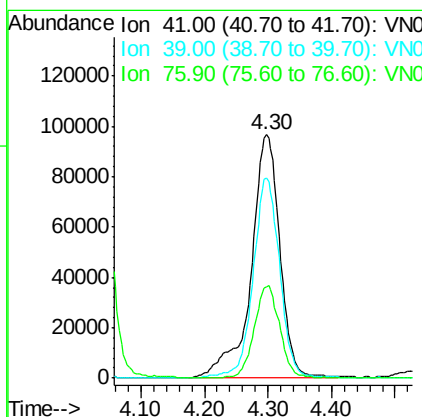
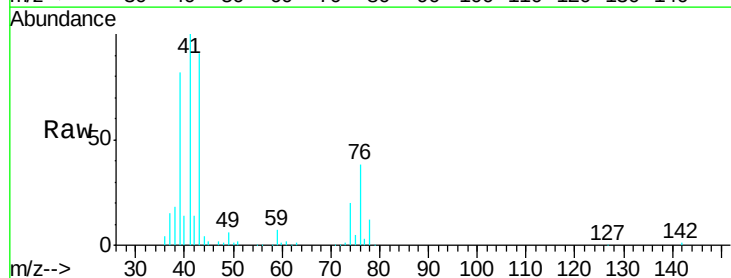
Manual Integrations
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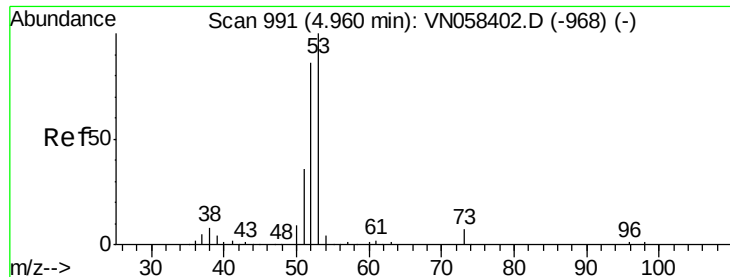
MMDadoda
10/7/2019 10:36:28 AM



#14
Allyl chloride
Concen: 53.410 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Tgt Ion	Ratio	Lower	Upper
41	100		
39	75.6	62.3	93.5
76	32.9	26.9	40.3





#15

Acrylonitrile

Concen: 292.649 ug/l

RT: 4.96 min Scan# 991

Delta R.T. 0.00 min

Lab File: VN058525.D

Acq: 3 Oct 2019 20:52

Instrument :

MSVOA_N

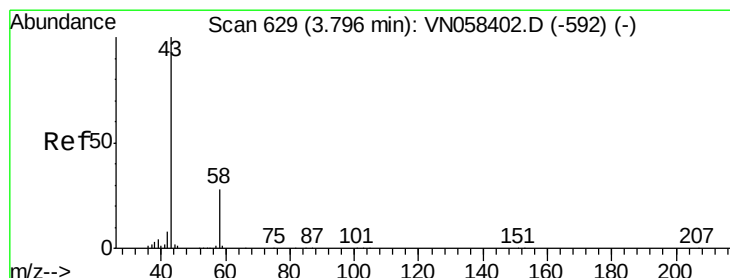
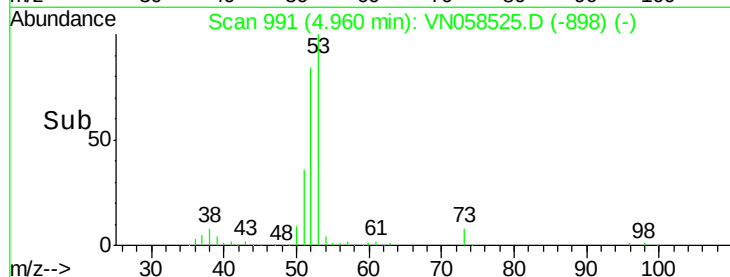
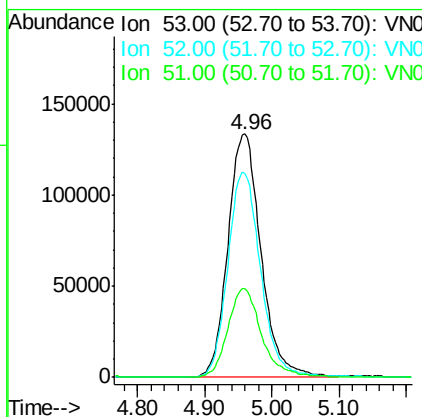
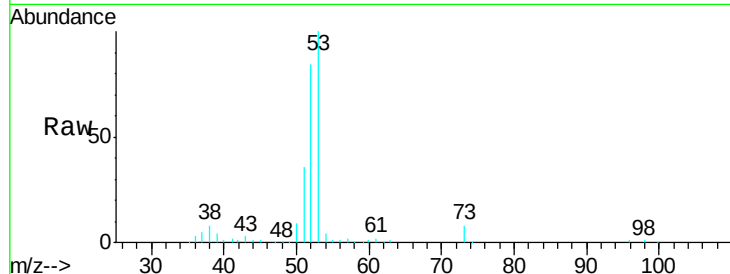
ClientSampled :

VSTDCCC050EC

Tgt Ion:	53	Resp:	457070
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.6	100.0
51	37.2	29.8	44.8

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#16

Acetone

Concen: 239.365 ug/l

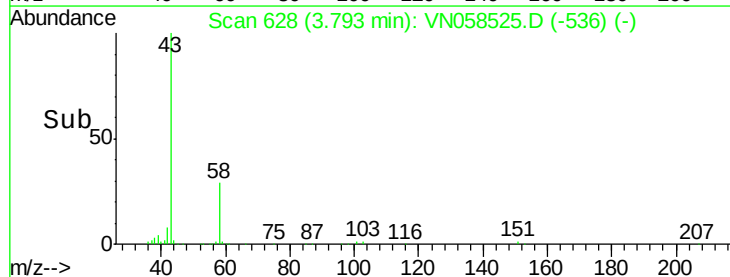
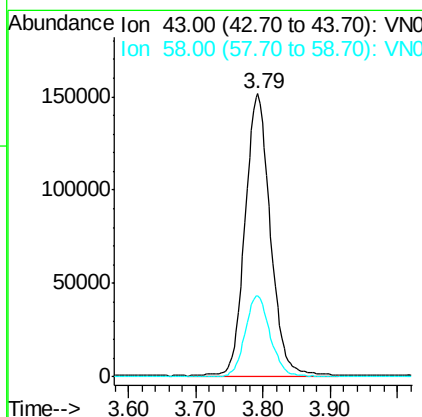
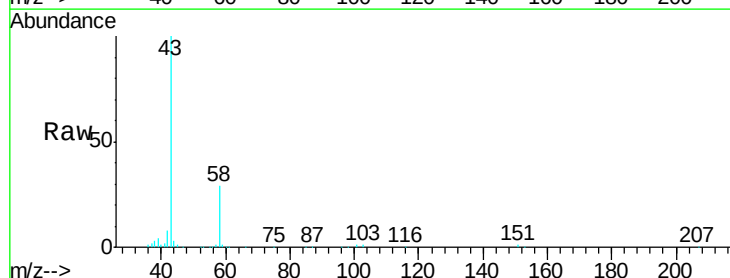
RT: 3.79 min Scan# 628

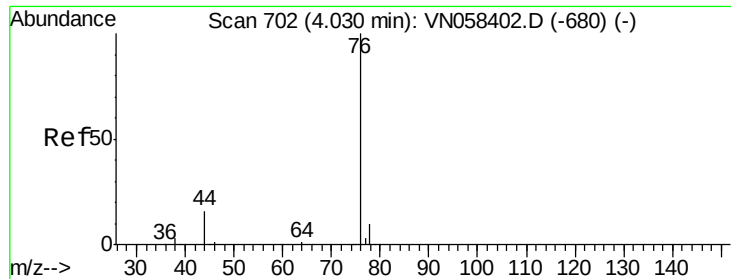
Delta R.T. -0.00 min

Lab File: VN058525.D

Acq: 3 Oct 2019 20:52

Tgt Ion:	43	Resp:	393617
Ion	Ratio	Lower	Upper
43	100		
58	28.6	22.4	33.6





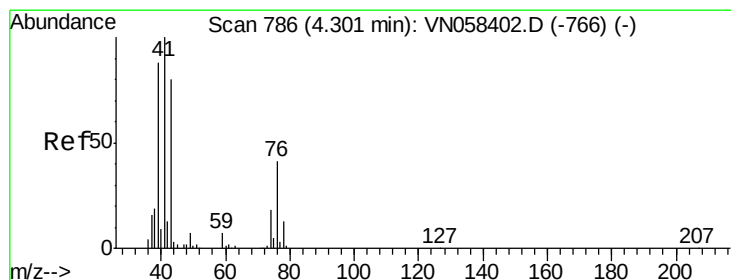
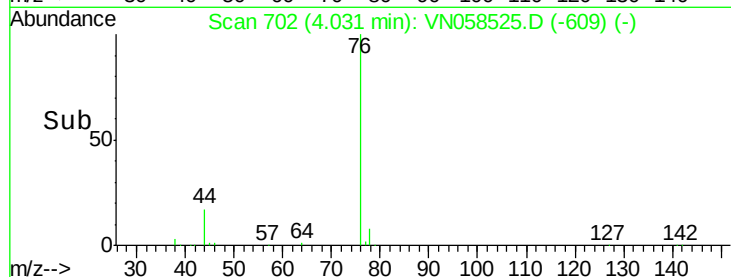
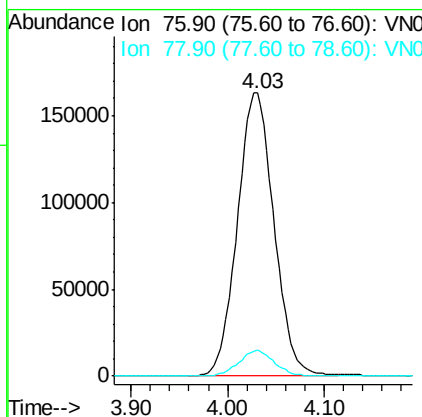
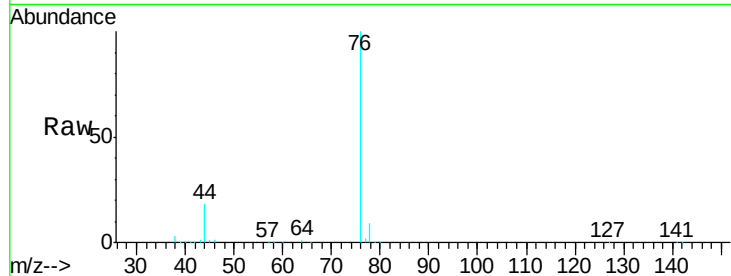
#17
Carbon Disulfide
Concen: 52.263 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 429008
Ion Ratio Lower Upper
76 100
78 9.0 7.7 11.5

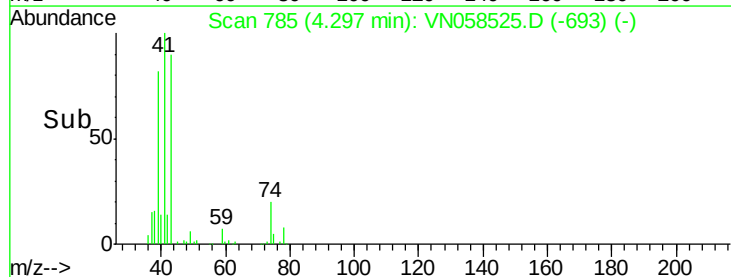
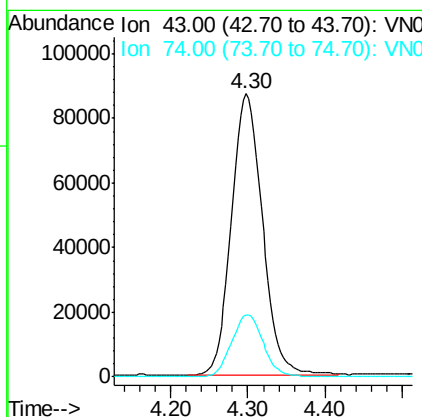
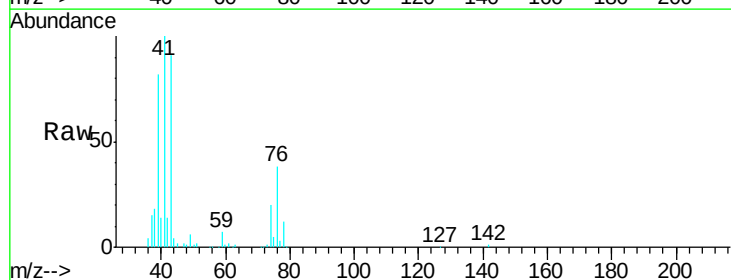
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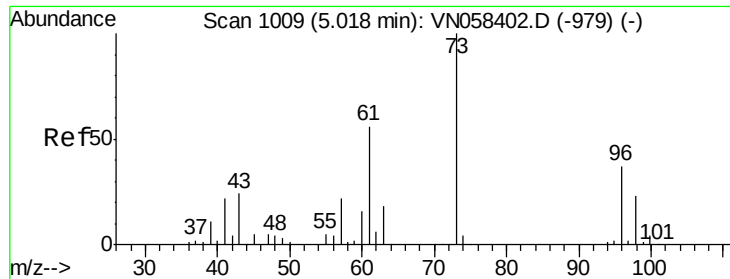
MMDadoda
10/7/2019 10:36:28 AM



#18
Methyl Acetate
Concen: 58.726 ug/l
RT: 4.30 min Scan# 785
Delta R.T. -0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Tgt Ion: 43 Resp: 242884
Ion Ratio Lower Upper
43 100
74 22.6 18.0 27.0





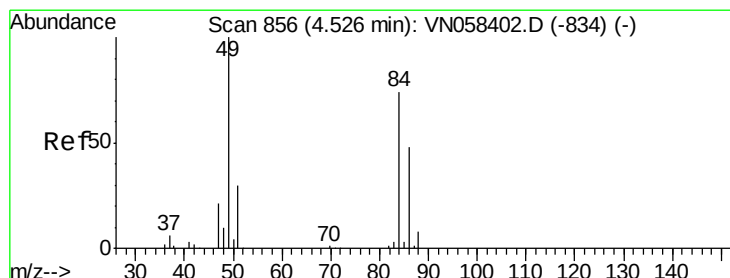
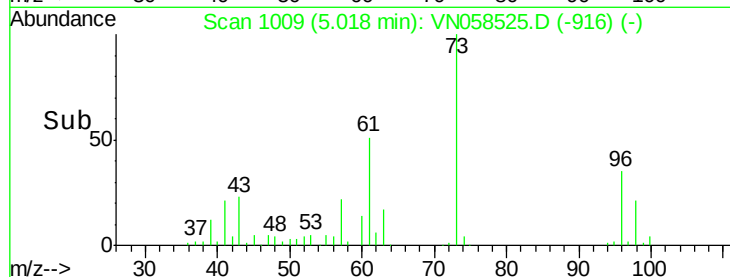
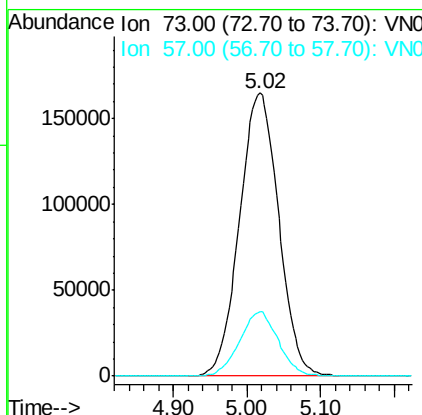
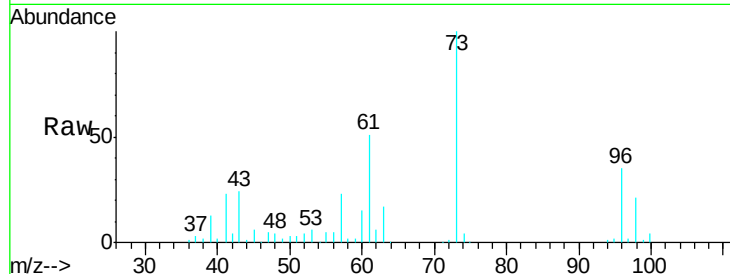
#19
Methyl tert-butyl Ether
Concen: 55.570 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 610563
Ion Ratio Lower Upper
73 100
57 22.7 17.6 26.4

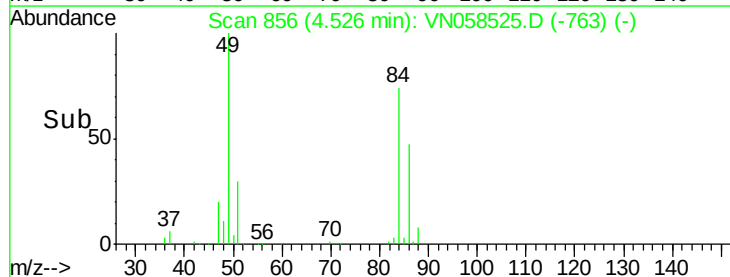
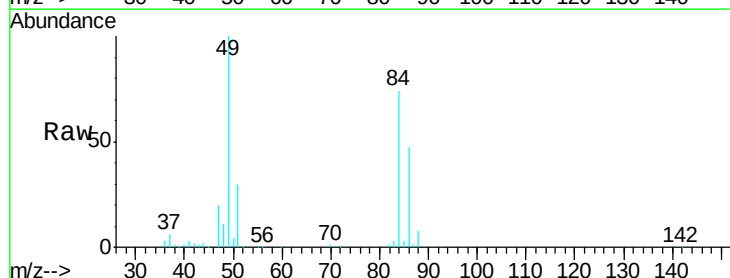
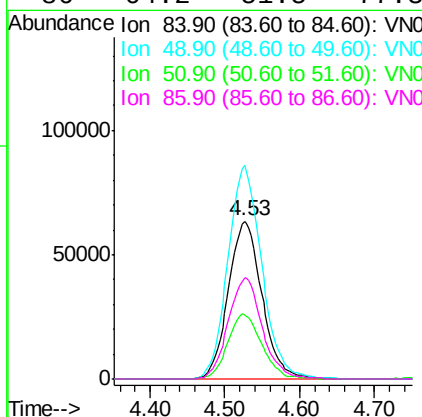
Manual Integrations
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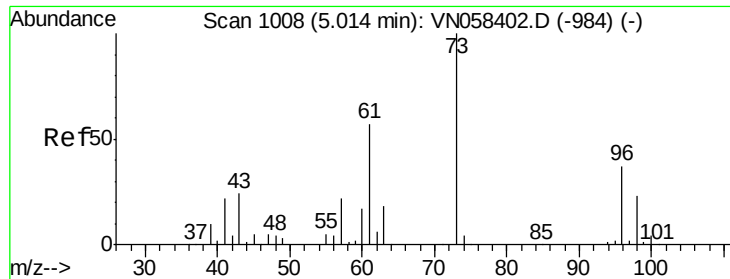
MMDadoda
10/7/2019 10:36:28 AM



#20
Methylene Chloride
Concen: 52.465 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Tgt Ion: 84 Resp: 199100
Ion Ratio Lower Upper
84 100
49 135.0 107.9 161.9
51 40.6 32.8 49.2
86 64.2 51.5 77.3





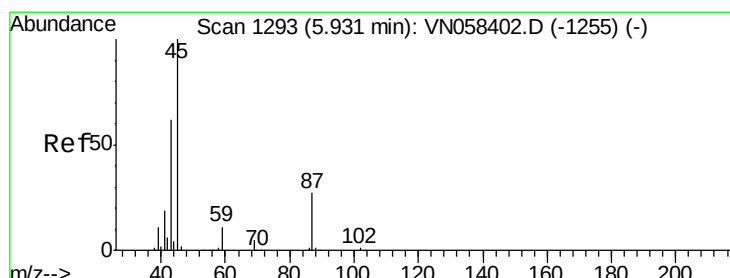
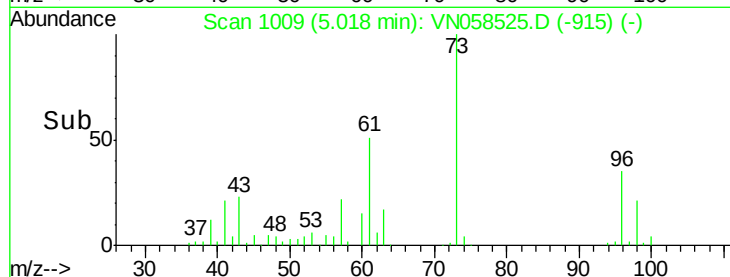
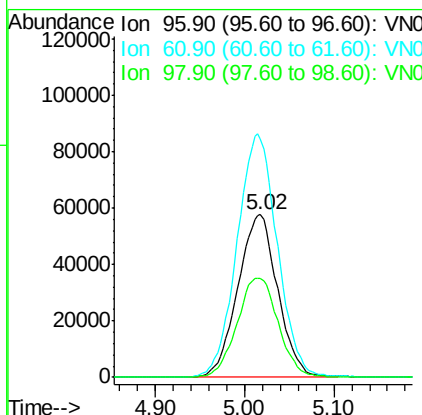
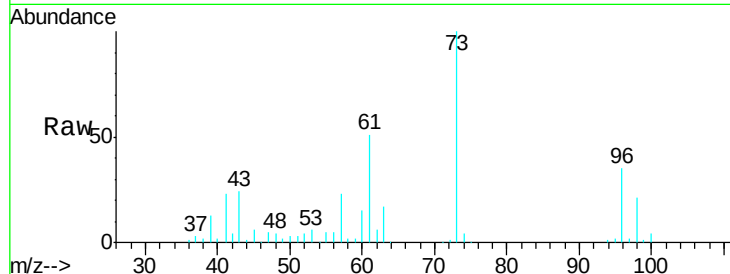
#21
trans-1,2-Dichloroethene
Concen: 51.850 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.6	121.9	182.9
98	60.7	49.3	73.9

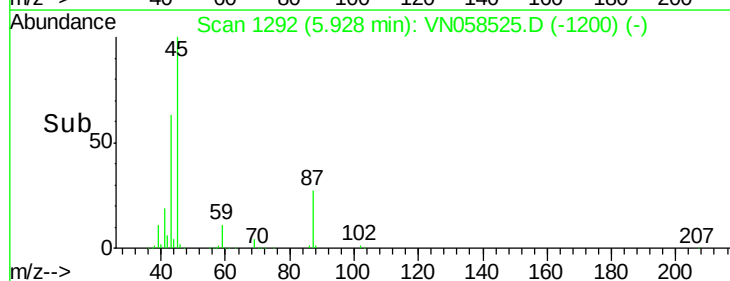
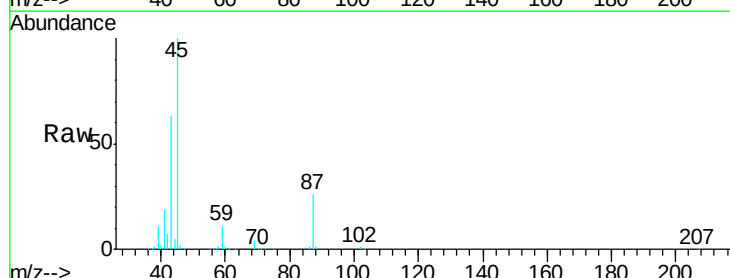
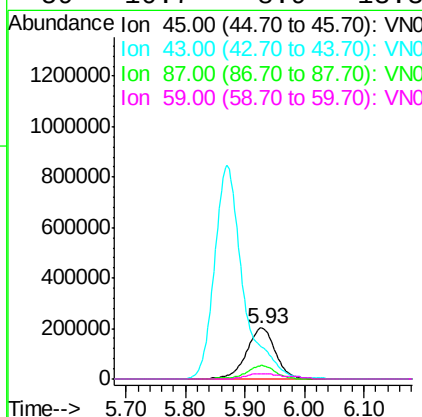
Manual Integrations
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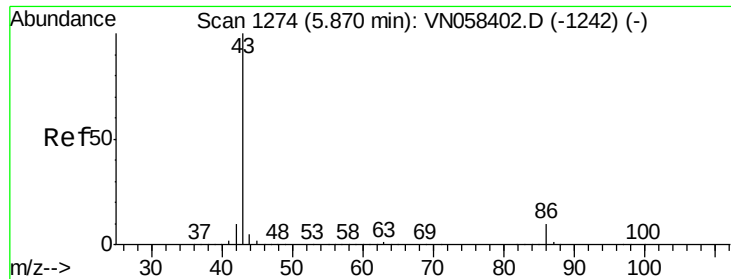
MMDadoda
10/7/2019 10:36:28 AM



#22
Diisopropyl ether
Concen: 56.288 ug/l
RT: 5.93 min Scan# 1292
Delta R.T. -0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Tgt Ion	Ratio	Lower	Upper
45	100		
43	62.3	49.7	74.5
87	26.5	21.5	32.3
59	10.7	8.9	13.3





#23

Vinyl Acetate

Concen: 306.341 ug/l

RT: 5.87 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VN058525.D

Acq: 3 Oct 2019 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 2816842

Ion Ratio Lower Upper

43 100

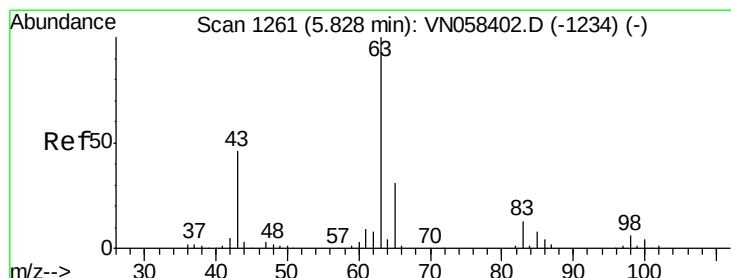
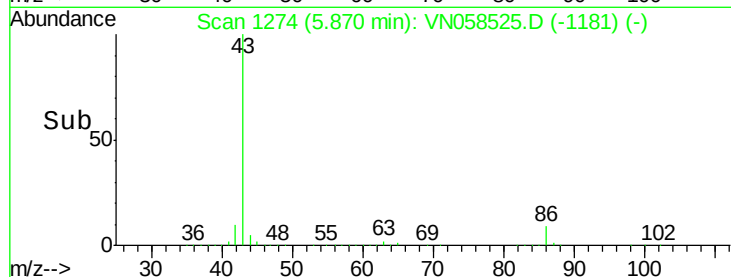
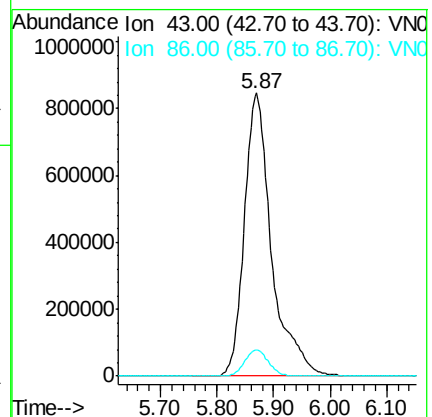
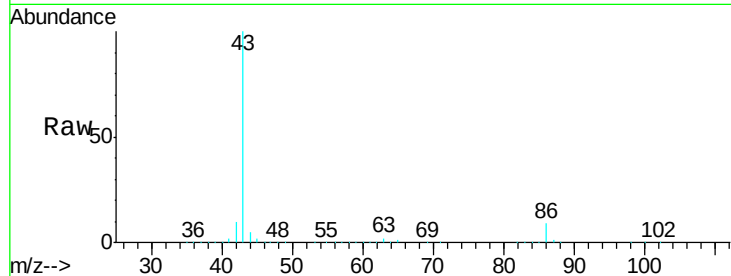
86 9.4 7.7 11.5

Manual Integrations

APPROVED

MMDadoda

10/7/2019 10:36:28 AM



#24

1,1-Dichloroethane

Concen: 55.137 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VN058525.D

Acq: 3 Oct 2019 20:52

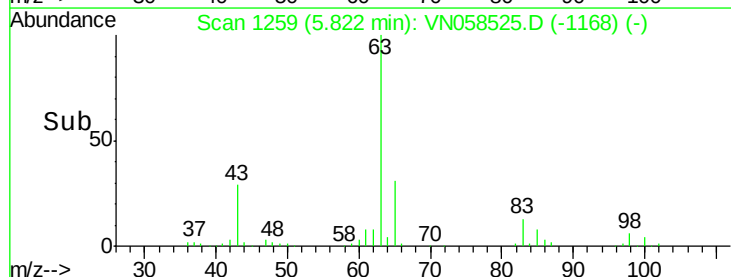
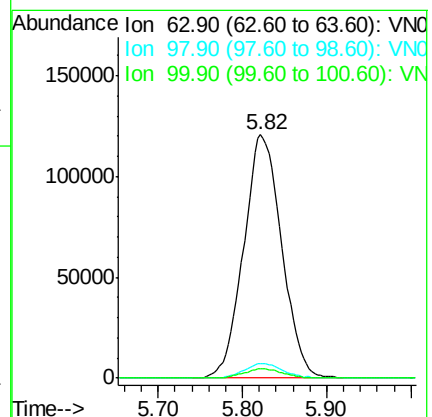
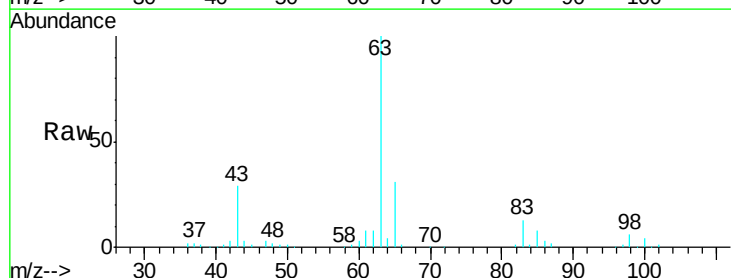
Tgt Ion: 63 Resp: 378416

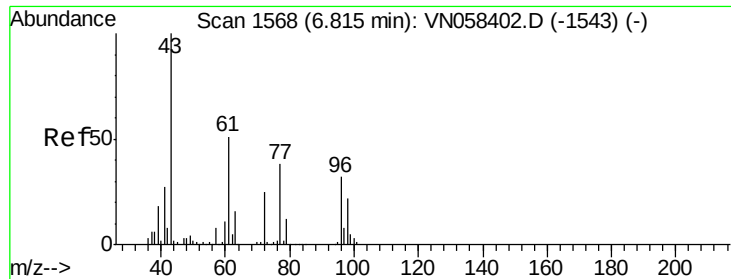
Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.0

100 3.7 2.0 5.8





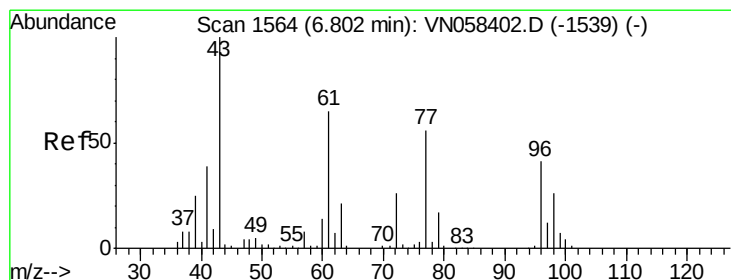
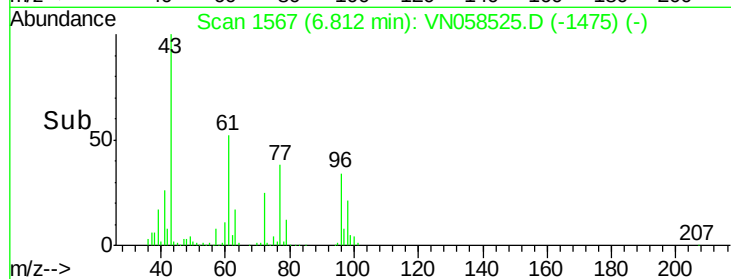
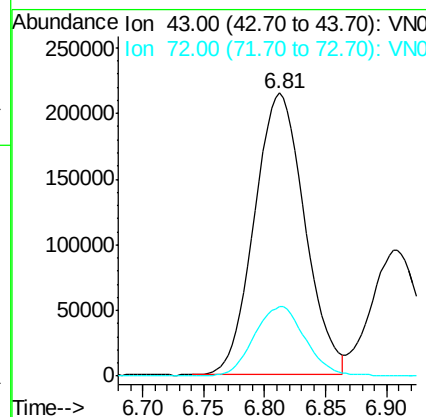
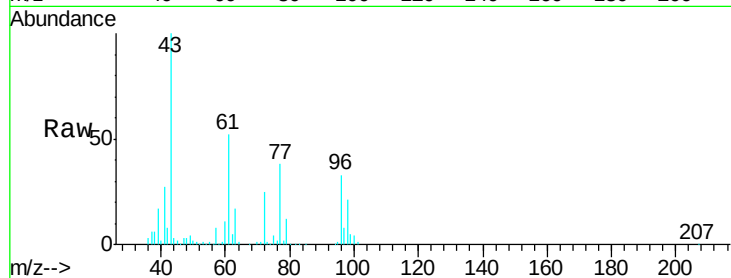
#25
2-Butanone
Concen: 272.707 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 615699
Ion Ratio Lower Upper
43 100
72 24.7 20.2 30.4

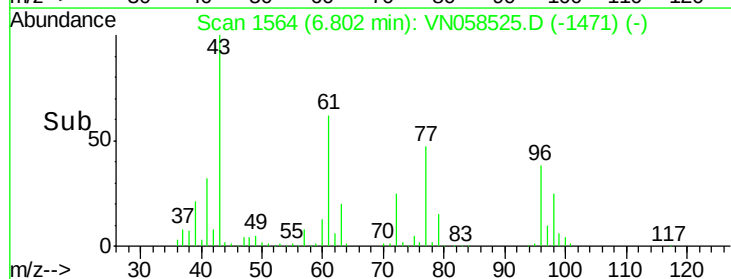
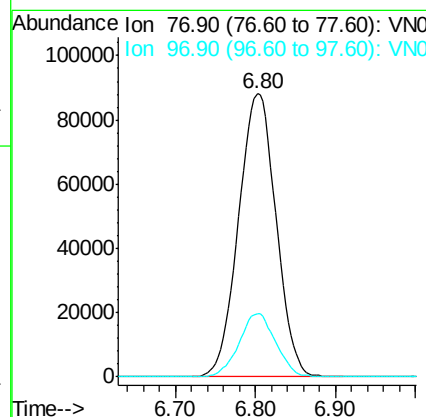
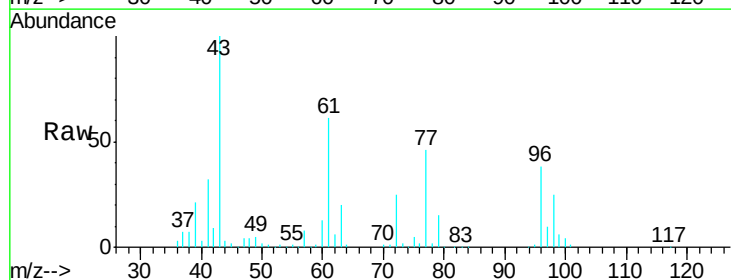
Manual Integrations
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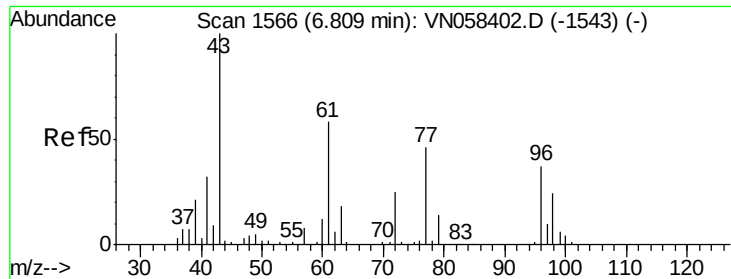
MMDadoda
10/7/2019 10:36:28 AM



#26
2,2-Dichloropropane
Concen: 49.691 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Tgt Ion: 77 Resp: 280377
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 53.353 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN058525.D

Acq: 3 Oct 2019 20:52

Instrument :

MSVOA_N

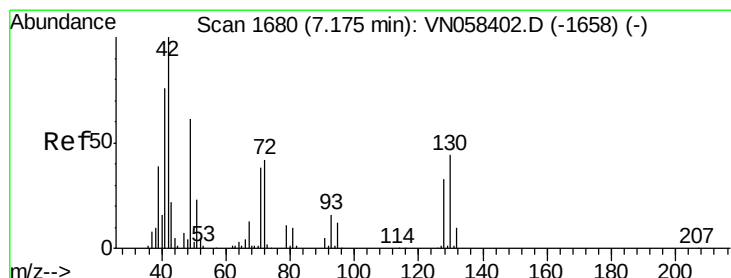
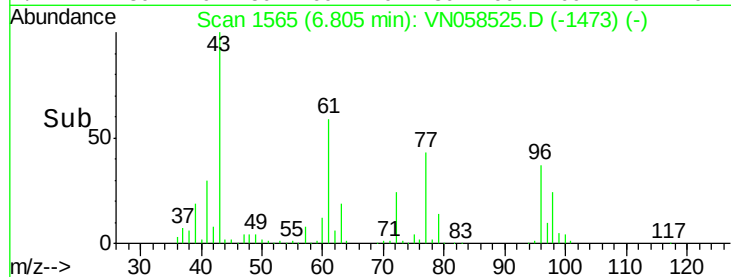
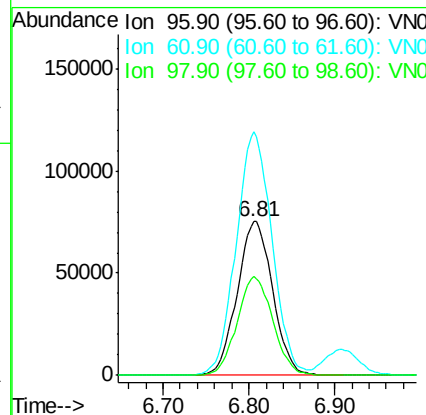
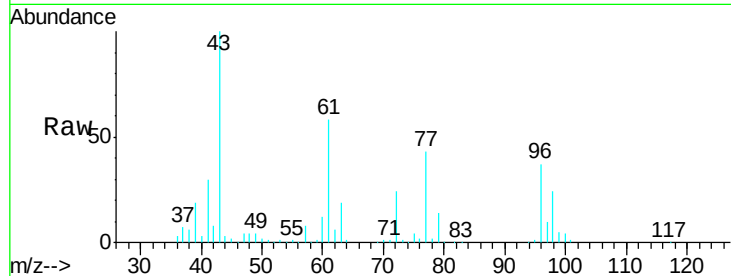
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	215931
Ion	Ratio	Lower	Upper
96	100		
61	159.5	0.0	318.8
98	64.5	0.0	129.8

Manual Integrations
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10/7/2019 10:36:28 AM



#28

Bromochloromethane

Concen: 52.862 ug/l

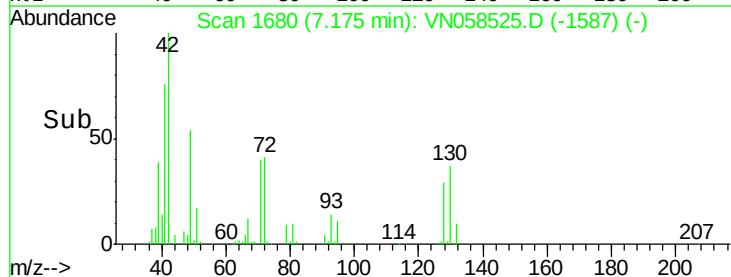
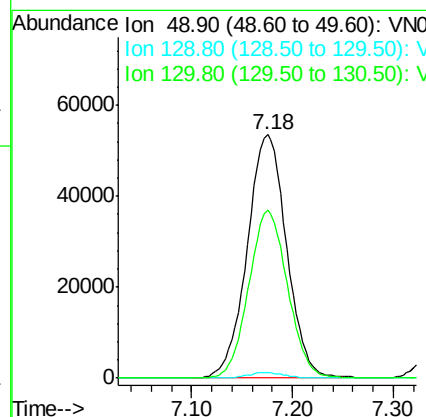
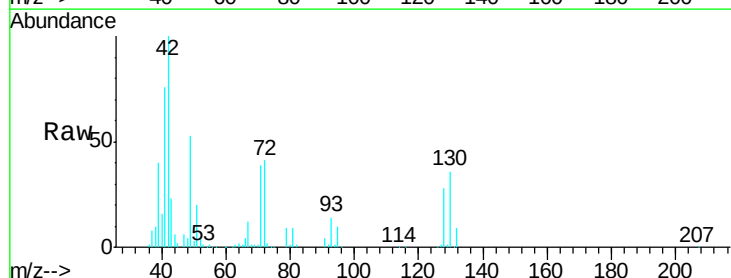
RT: 7.18 min Scan# 1680

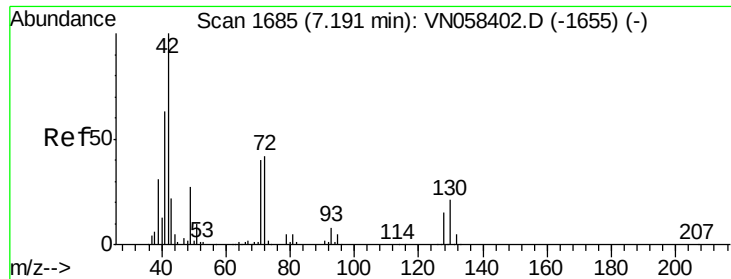
Delta R.T. 0.00 min

Lab File: VN058525.D

Acq: 3 Oct 2019 20:52

Tgt Ion:	49	Resp:	145023
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.4
130	67.8	56.3	84.5





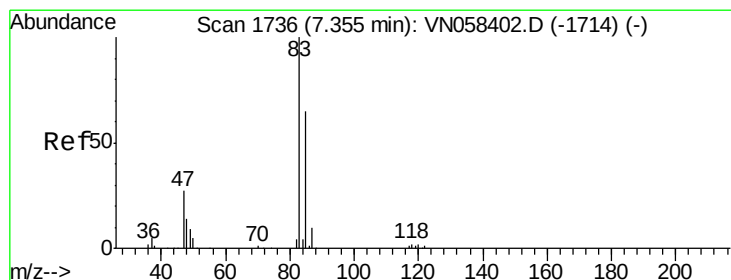
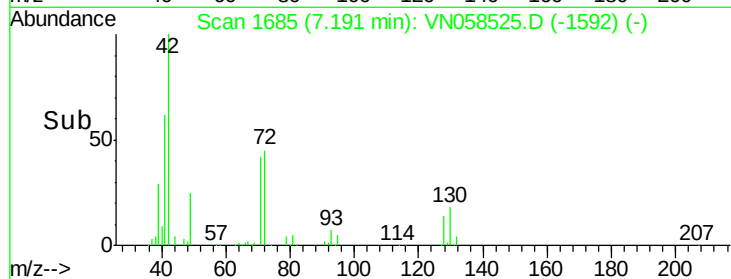
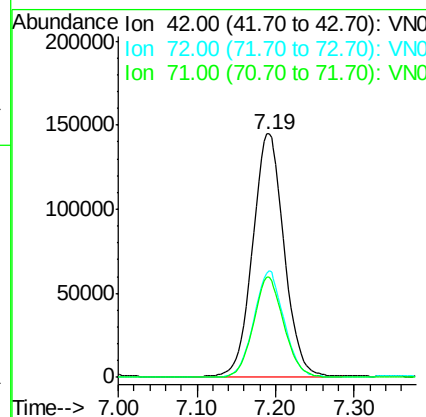
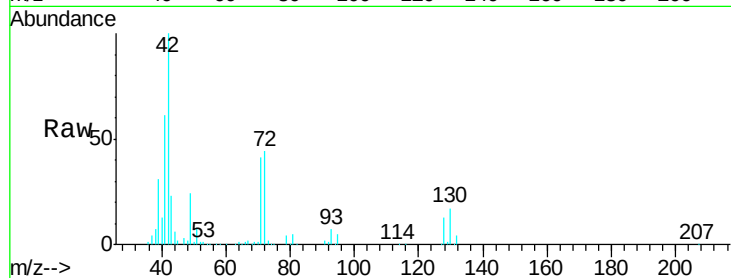
#29
Tetrahydrofuran
Concen: 285.369 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.3	33.7	50.5
71	39.9	31.8	47.6

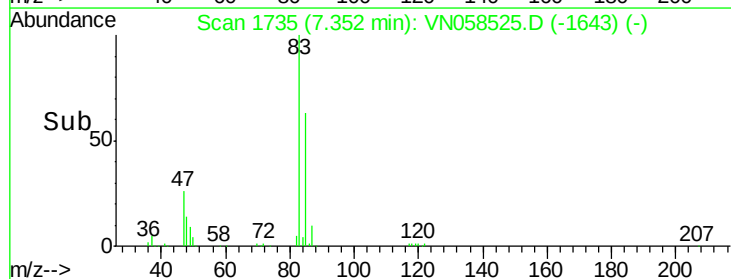
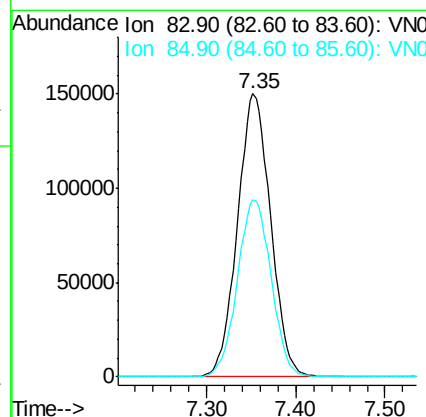
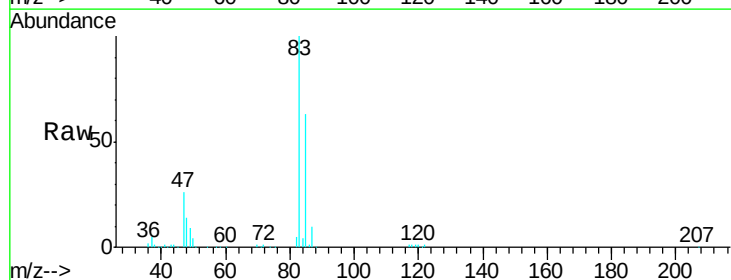
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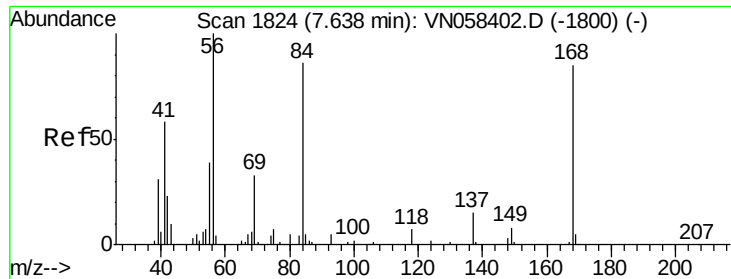
MMDadoda
10/7/2019 10:36:28 AM



#30
Chloroform
Concen: 55.626 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. -0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.0	78.0





#31

Cyclohexane

Concen: 46.241 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VN058525.D

Acq: 3 Oct 2019 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 308706
Ion Ratio Lower Upper

56 100

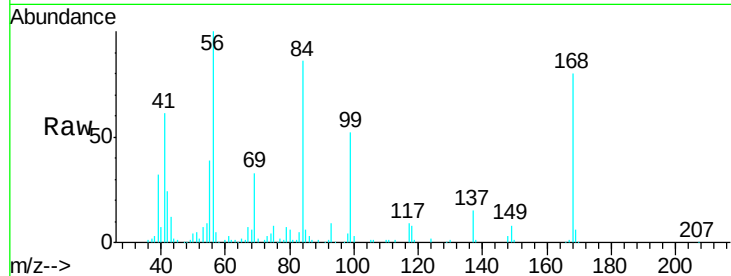
69 32.6 26.2 39.4

84 84.9 67.6 101.4

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

200000

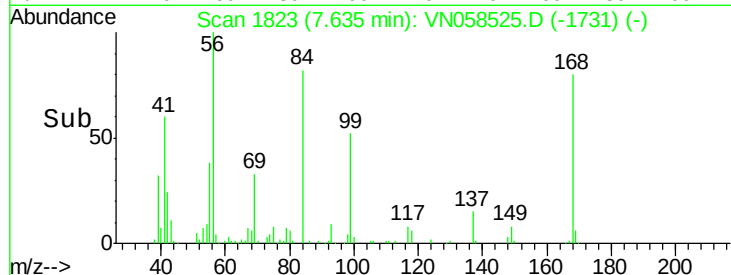
150000

100000

50000

0

Time-->

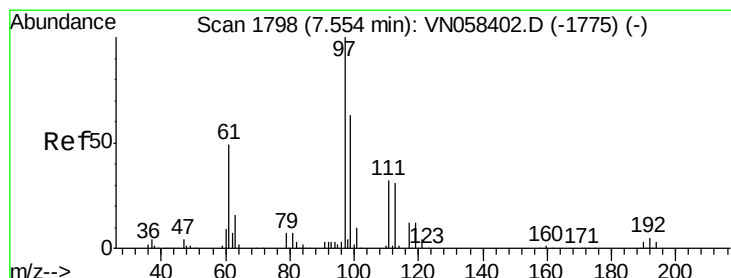


7.63

7.60

7.65

7.70



#32

1,1,1-Trichloroethane

Concen: 54.896 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VN058525.D

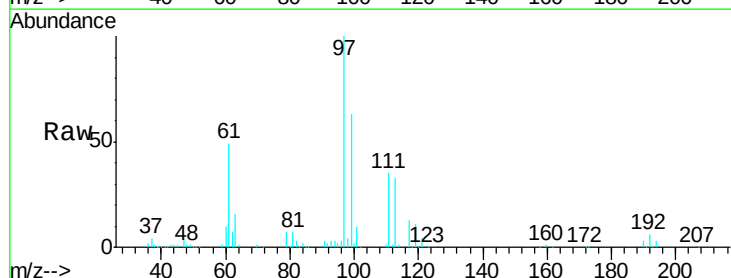
Acq: 3 Oct 2019 20:52

Tgt Ion: 97 Resp: 313520
Ion Ratio Lower Upper

97 100

99 64.2 51.1 76.7

61 50.3 39.2 58.8



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

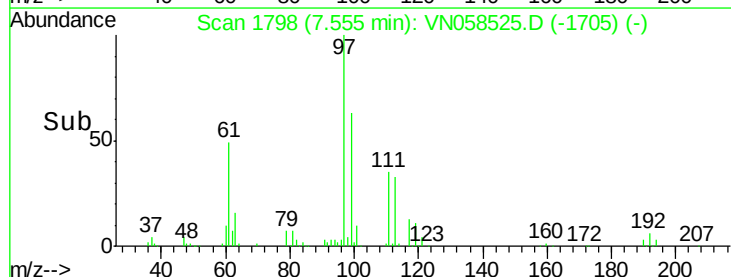
150000

100000

50000

0

Time-->

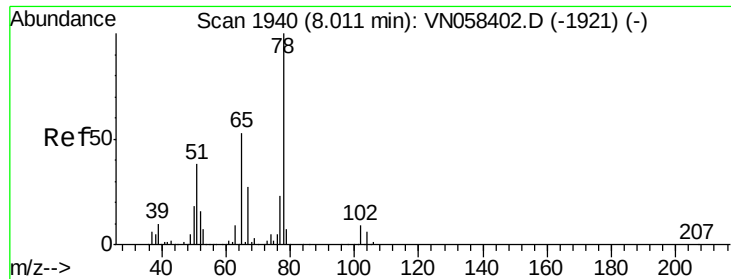


7.55

7.50

7.60

7.70



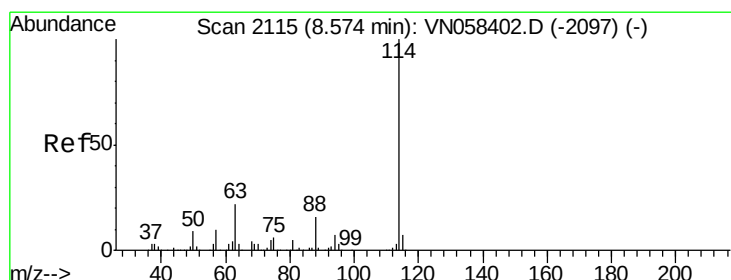
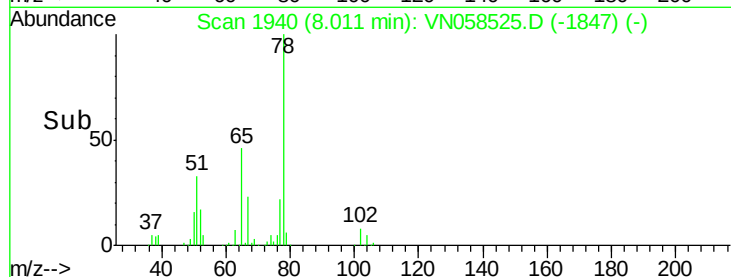
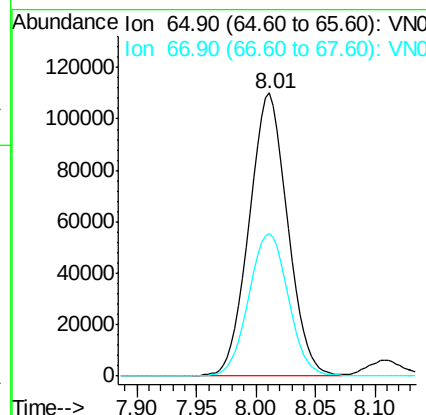
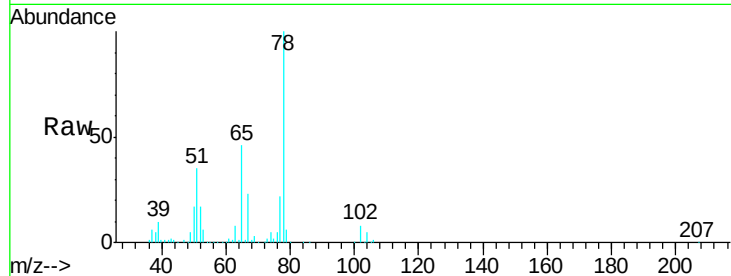
#33
 1,2-Dichloroethane-d4
 Concen: 51.215 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058525.D
 Acq: 3 Oct 2019 20:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	247057		
67	51.8	0.0	102.4	

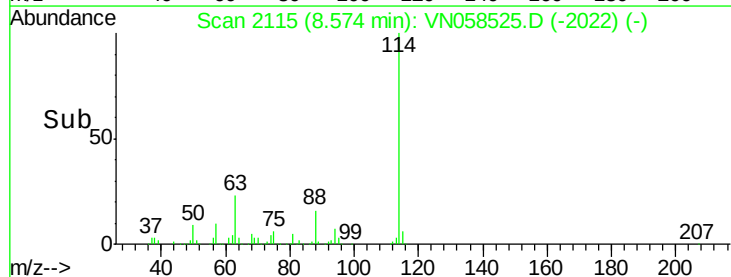
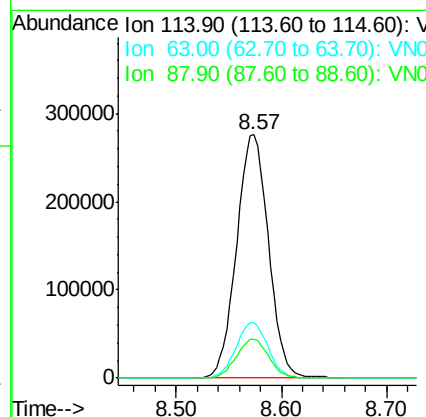
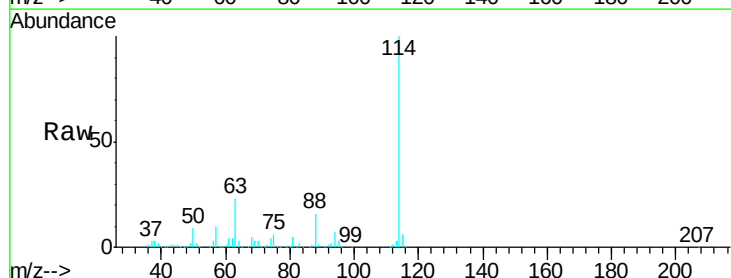
Manual Integrations
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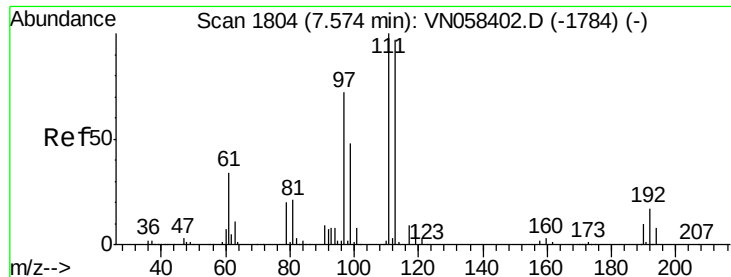
MMDadoda
 10/7/2019 10:36:28 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058525.D
 Acq: 3 Oct 2019 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	580055		
63	22.6	0.0	45.0	
88	16.1	0.0	32.2	





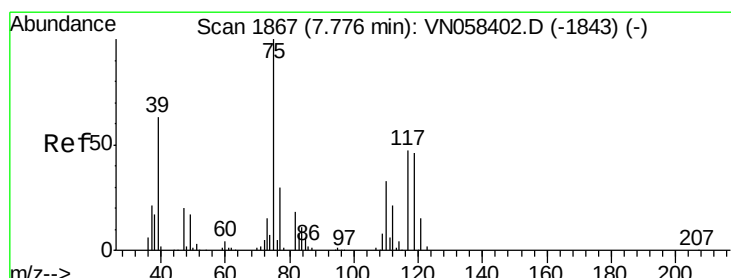
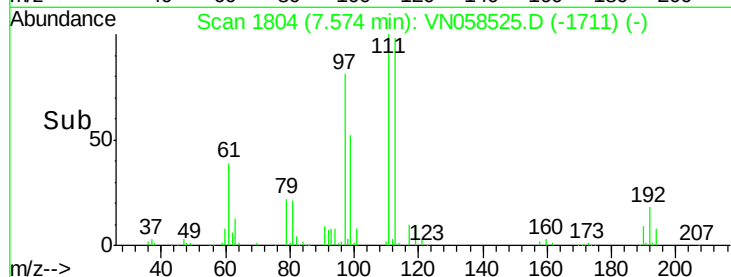
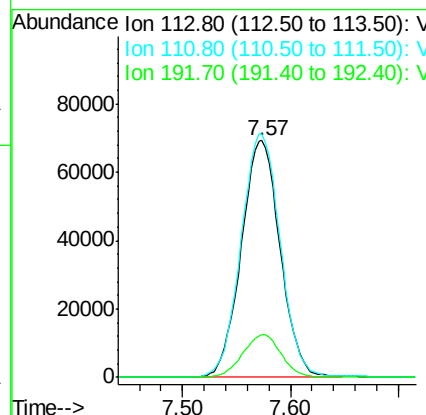
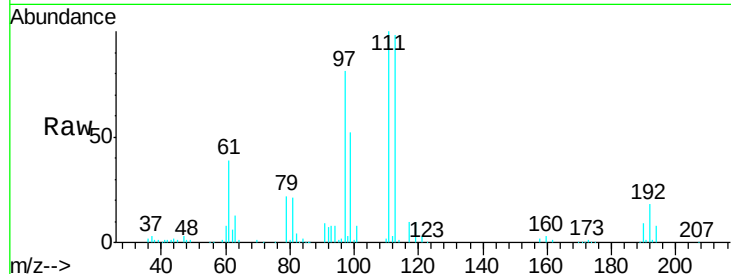
#35
 Dibromofluoromethane
 Concen: 48.874 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058525.D
 Acq: 3 Oct 2019 20:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	173753		
111	103.8	83.4	125.2	
192	17.8	14.9	22.3	

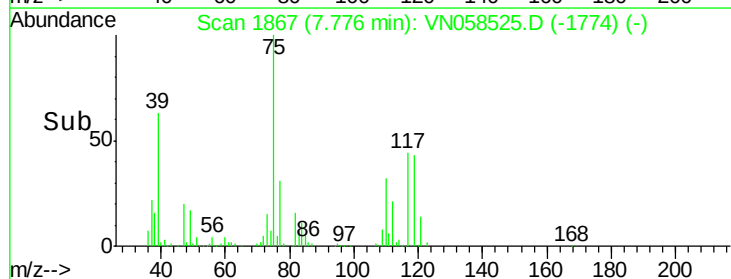
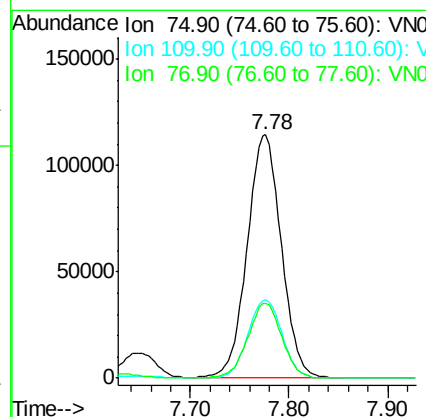
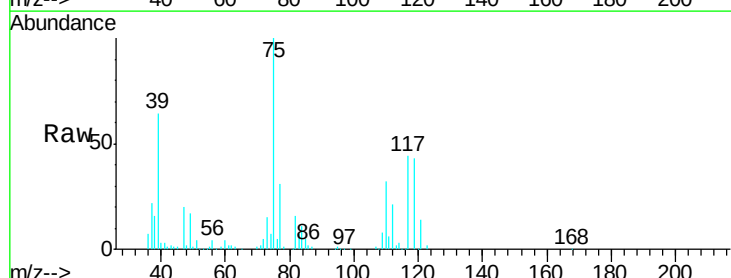
Manual Integrations
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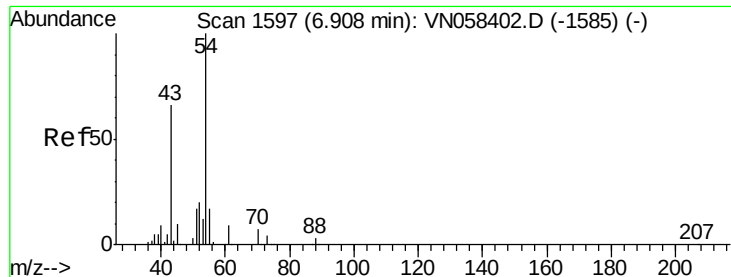
MMDadoda
 10/7/2019 10:36:28 AM



#36
 1,1-Dichloropropene
 Concen: 49.098 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN058525.D
 Acq: 3 Oct 2019 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	272320		
110	32.3	16.4	49.2	
77	31.1	24.3	36.5	





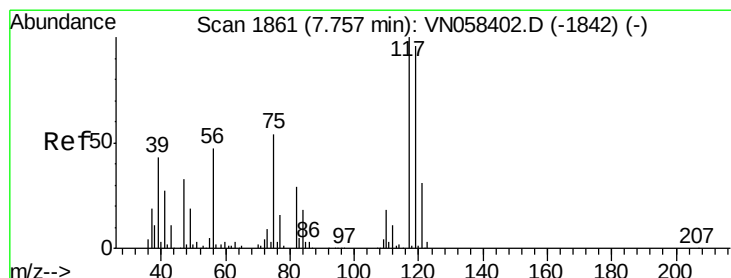
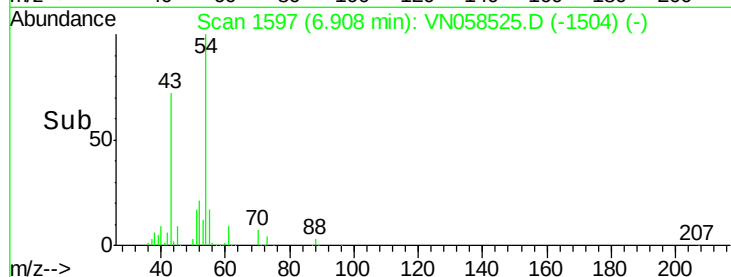
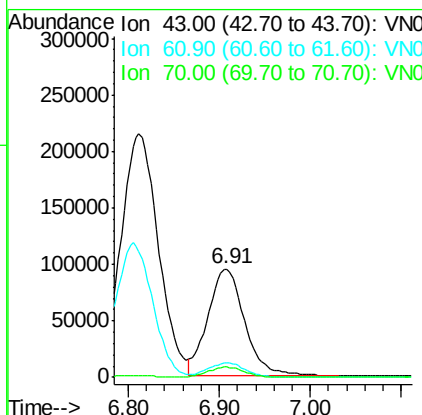
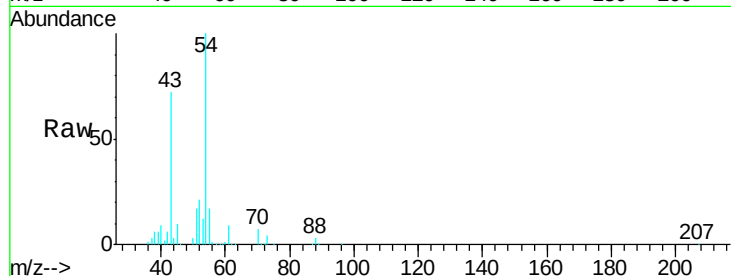
#37
Ethyl Acetate
Concen: 56.879 ug/l
RT: 6.91 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.5	15.7
70	9.7	7.8	11.6

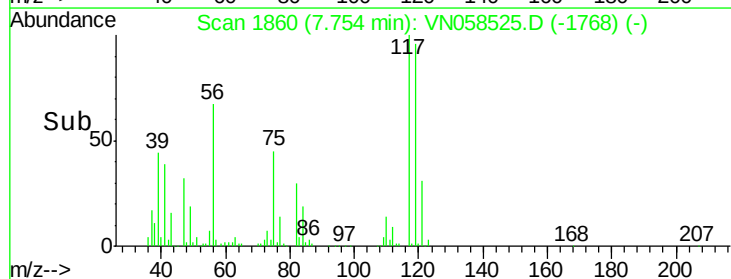
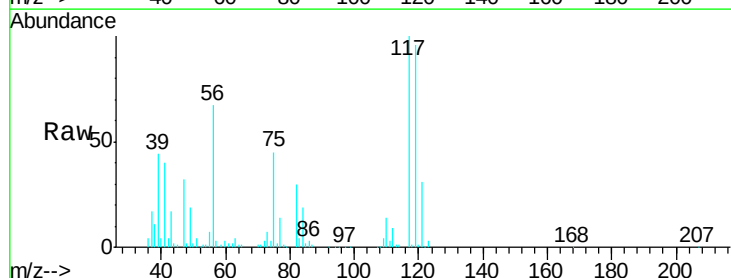
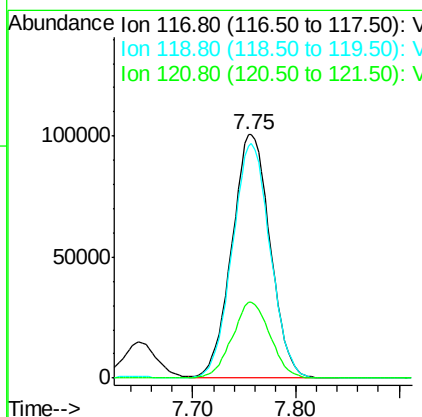
Manual Integrations
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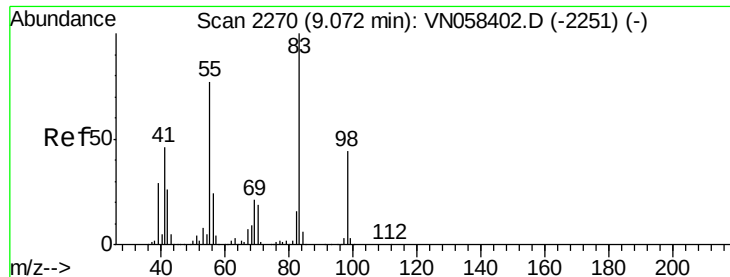
MMDadoda
10/7/2019 10:36:28 AM



#38
Carbon Tetrachloride
Concen: 51.966 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.6	115.0
121	31.0	24.7	37.1





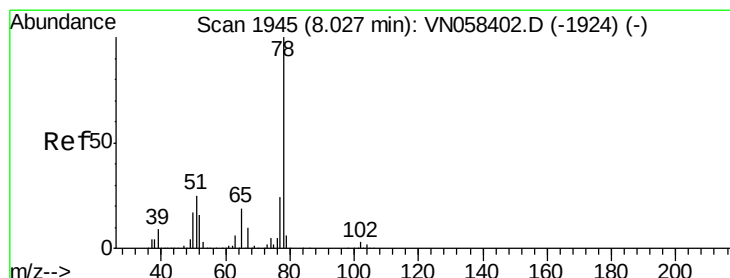
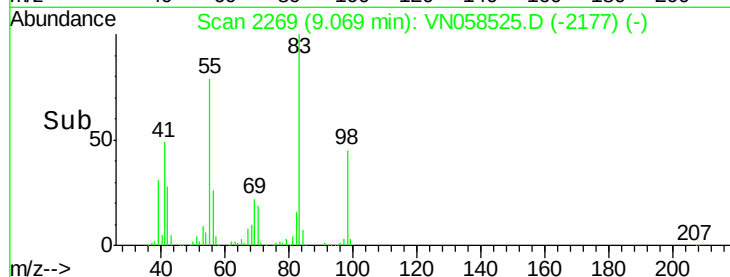
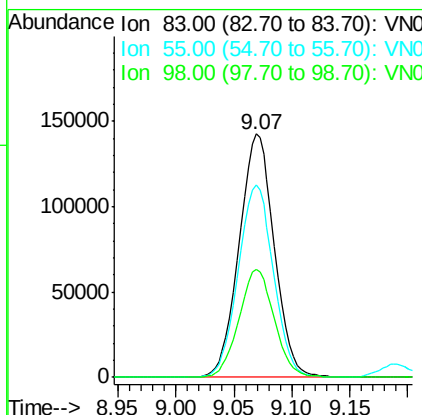
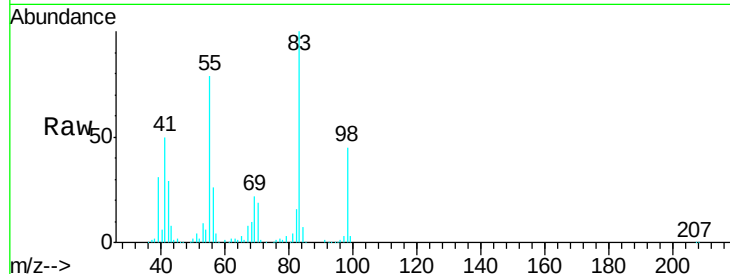
#39
Methylcyclohexane
Concen: 46.359 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	300272		
55	79.0		61.8	92.6
98	44.6		35.4	53.0

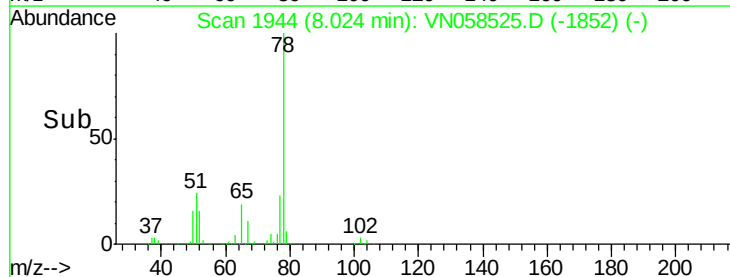
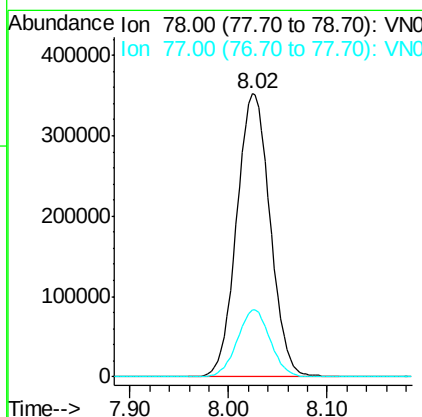
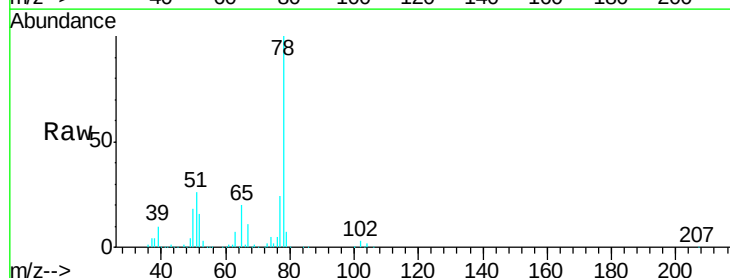
Manual Integrations
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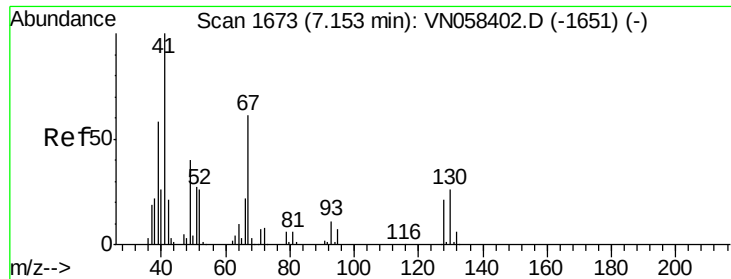
MMDadoda
10/7/2019 10:36:28 AM



#40
Benzene
Concen: 51.965 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	828487		
77	23.7		18.9	28.3





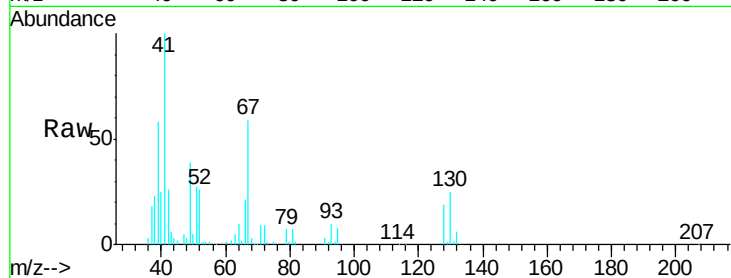
#41
Methacrylonitrile
Concen: 59.100 ug/l m
RT: 7.15 min Scan# 1673
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

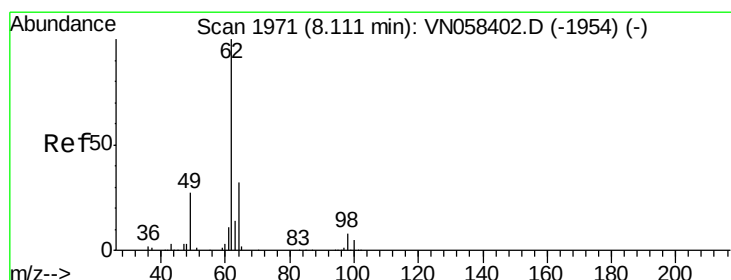
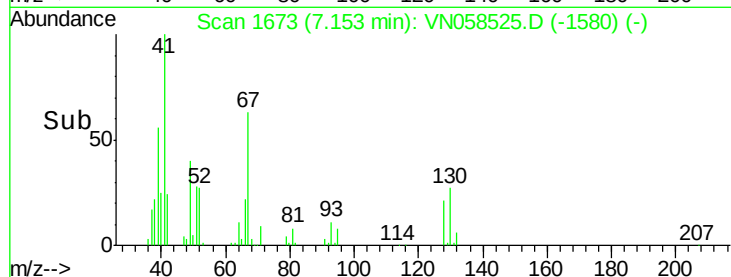
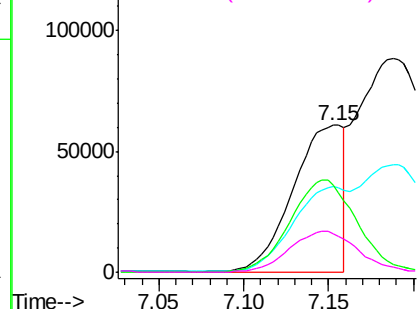
Tgt Ion	Ratio	Lower	Upper
41	100		
39	0.0	50.2	75.4#
67	0.0	70.2	105.4#
52	0.0	31.4	47.0#

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10/7/2019 10:36:28 AM

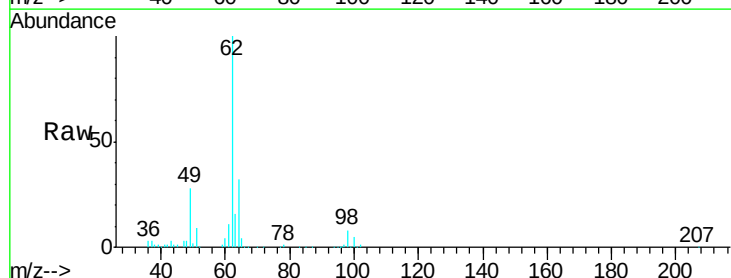


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

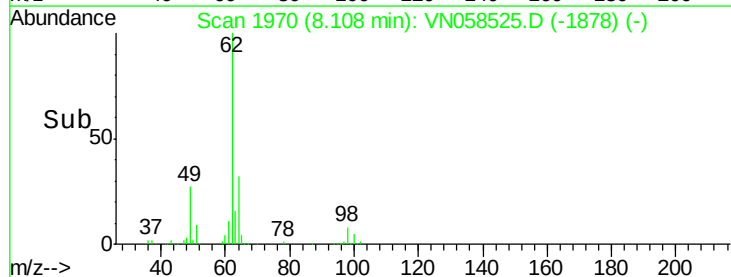
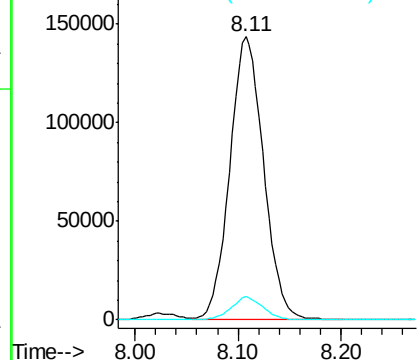


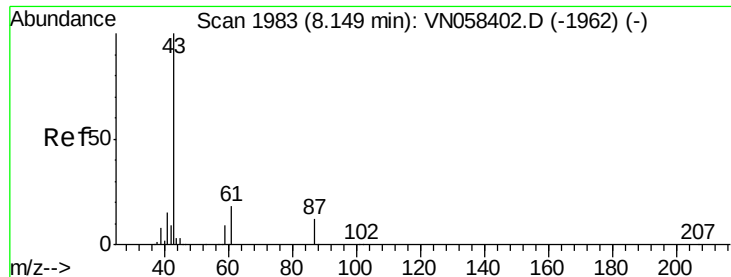
#42
1,2-Dichloroethane
Concen: 52.665 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.6



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





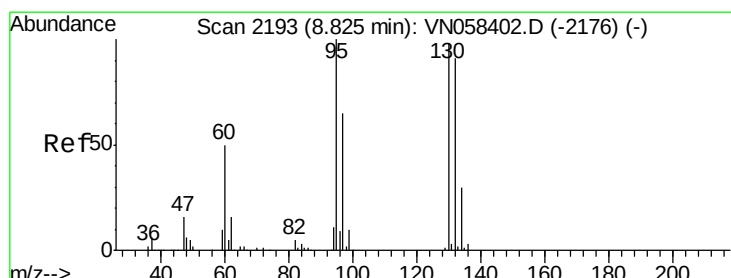
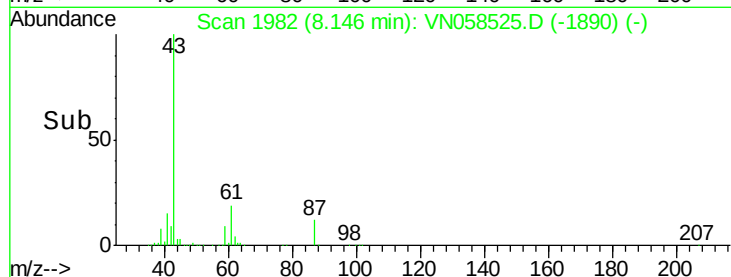
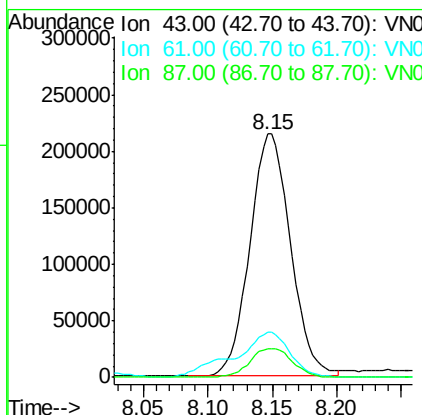
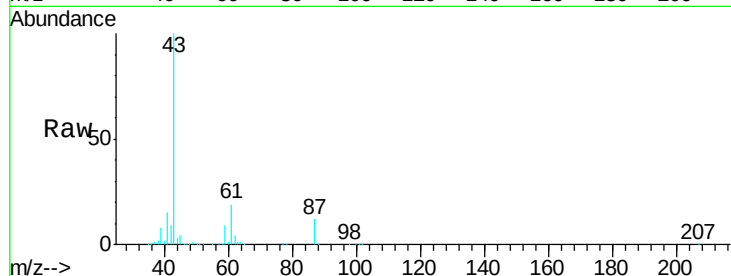
#43
Isopropyl Acetate
Concen: 53.421 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	25.3	14.8	22.2#
87	12.3	9.7	14.5

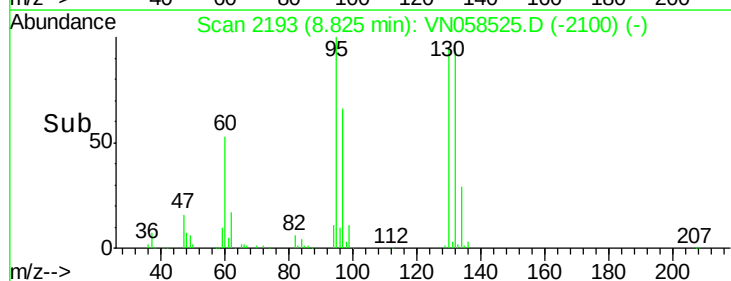
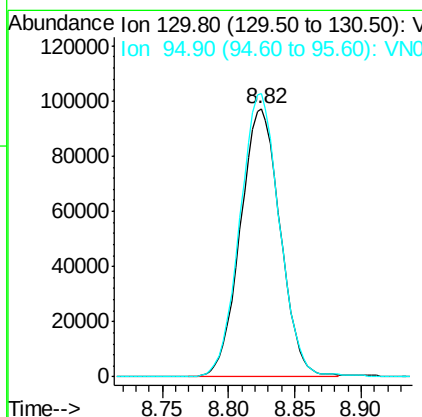
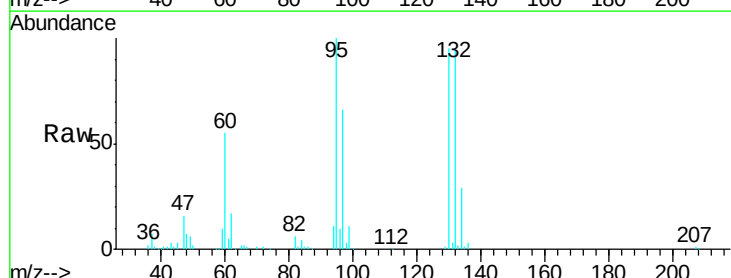
Manual Integrations
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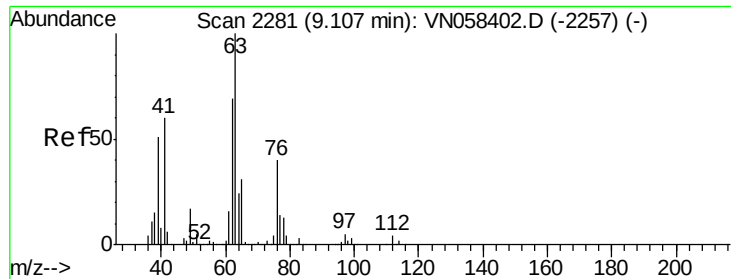
MMDadoda
10/7/2019 10:36:28 AM



#44
Trichloroethene
Concen: 51.536 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.5	0.0	204.2





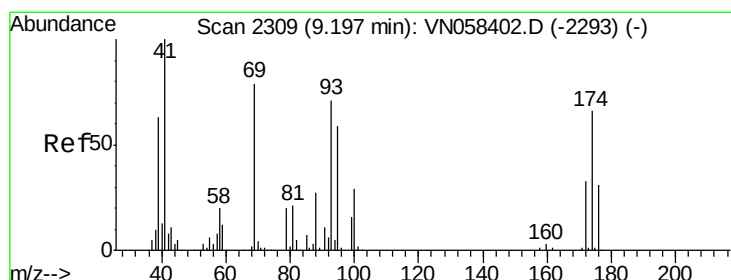
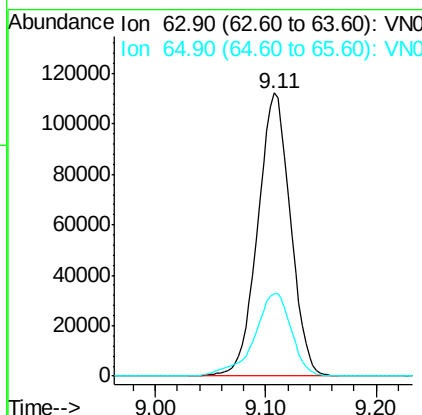
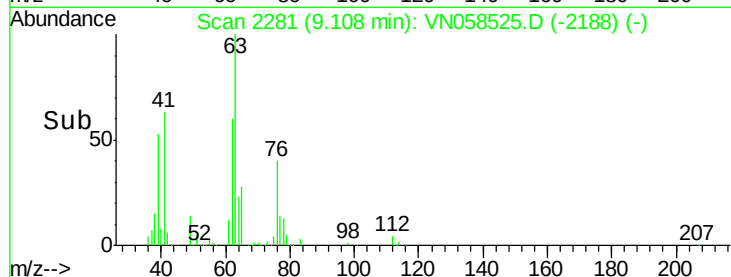
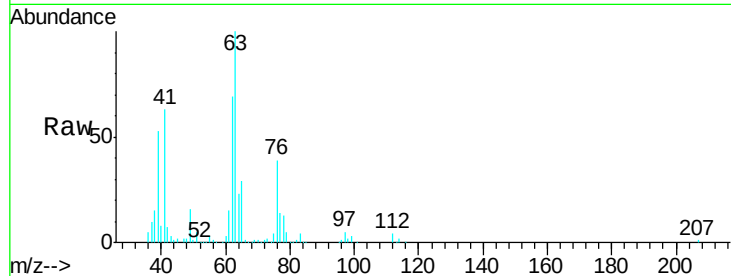
#45
 1,2-Dichloropropane
 Concen: 54.042 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: VN058525.D
 Acq: 3 Oct 2019 20:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 231076
 Ion Ratio Lower Upper
 63 100
 65 29.2 25.0 37.4

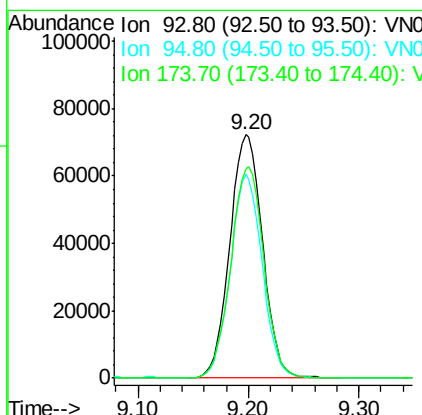
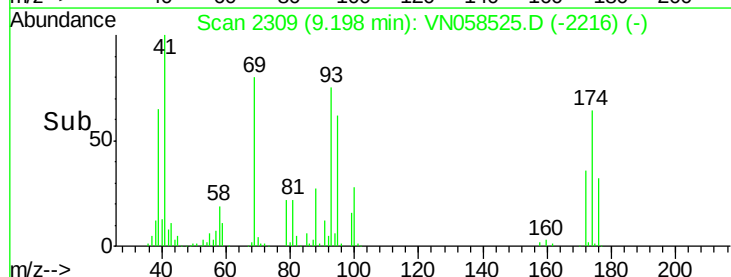
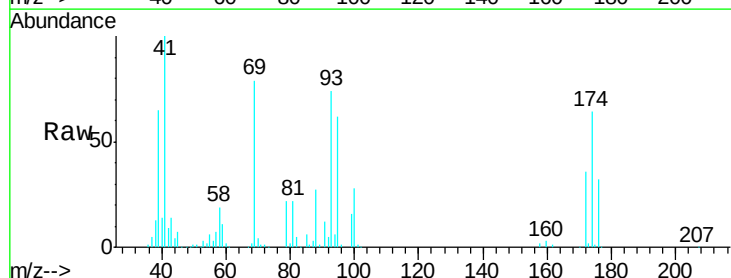
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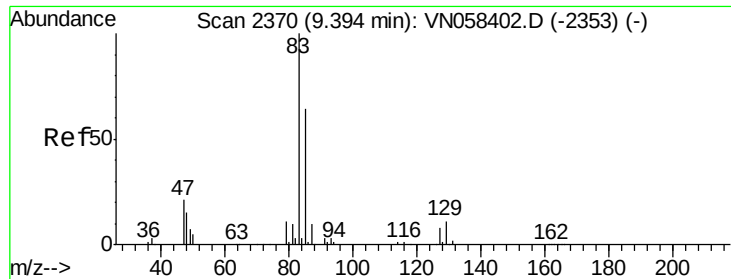
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 10/7/2019 10:36:28 AM



#46
 Dibromomethane
 Concen: 54.959 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN058525.D
 Acq: 3 Oct 2019 20:52

Tgt Ion: 93 Resp: 148820
 Ion Ratio Lower Upper
 93 100
 95 81.4 67.0 100.4
 174 87.5 74.2 111.2





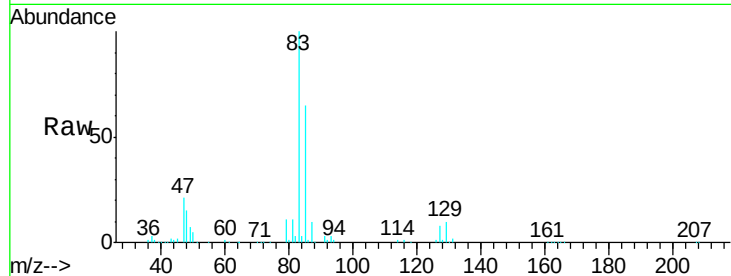
#47
Bromodichloromethane
Concen: 57.125 ug/l
RT: 9.39 min Scan# 2370
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

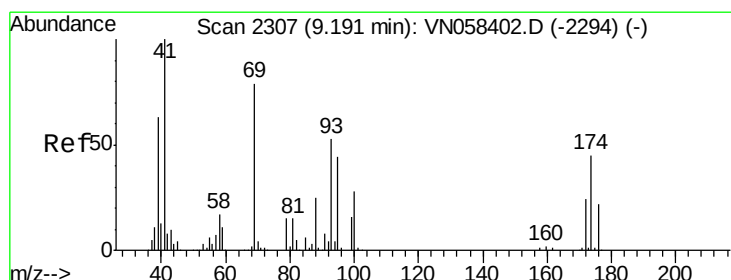
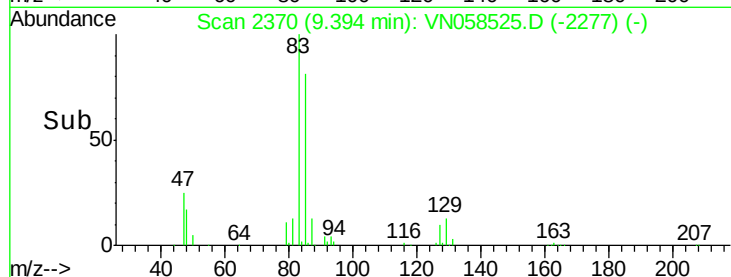
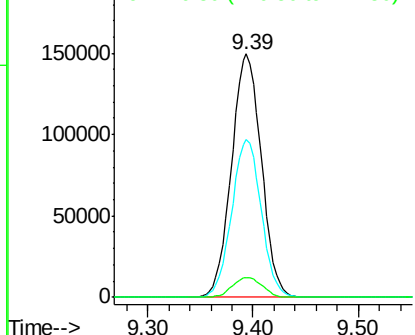
Tgt Ion	Ratio	Resp	Lower	Upper
83	100	293080		
85	64.9	51.2	76.8	
127	8.3	6.3	9.5	

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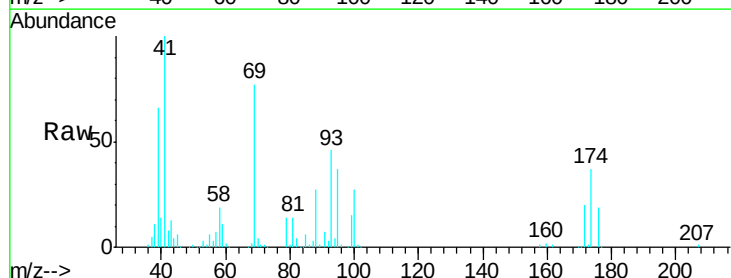


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

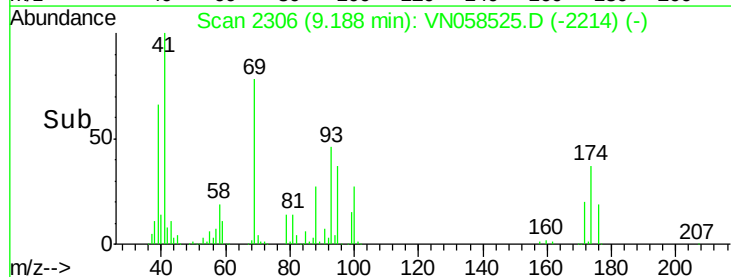
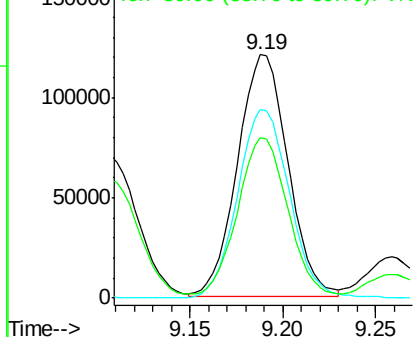


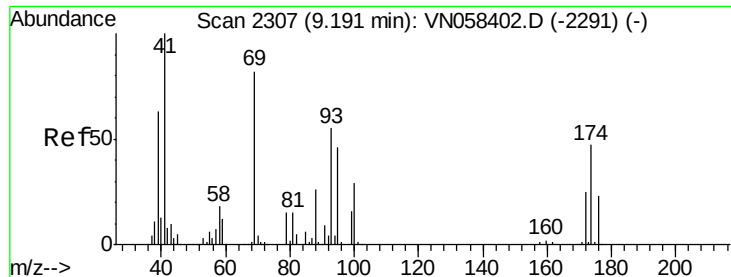
#48
Methyl methacrylate
Concen: 56.823 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	228802		
69	79.8	64.7	97.1	
39	66.2	52.9	79.3	



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





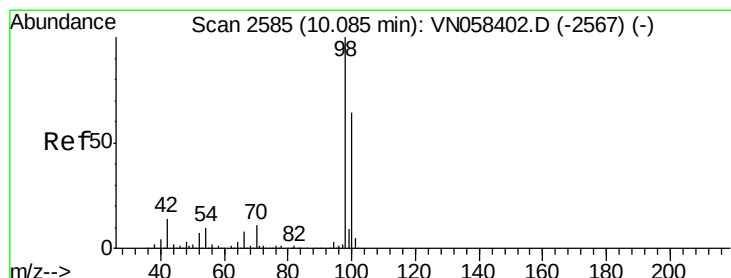
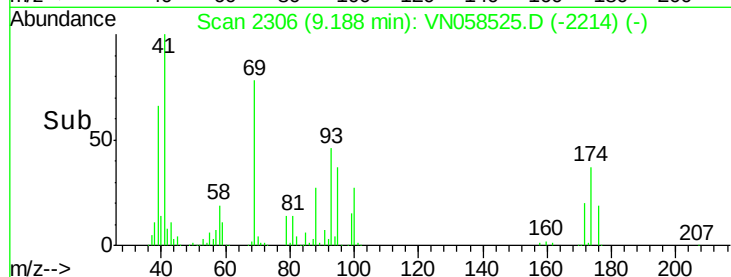
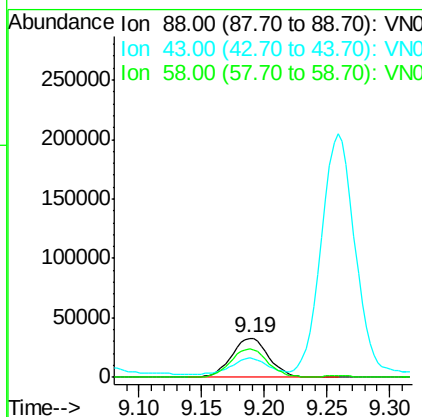
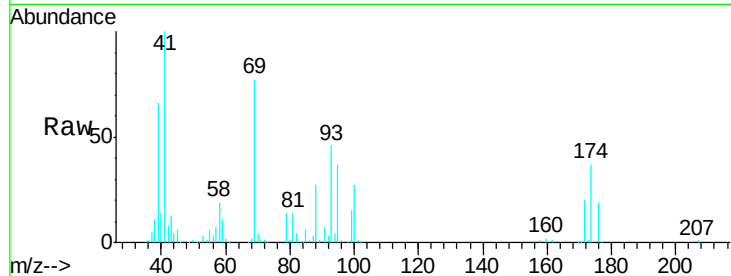
#49
1,4-Dioxane
Concen: 1262.367 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Instrument :
MSVOA_N
ClientSampleID :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	38.8	31.1	46.7
58	72.3	58.1	87.1

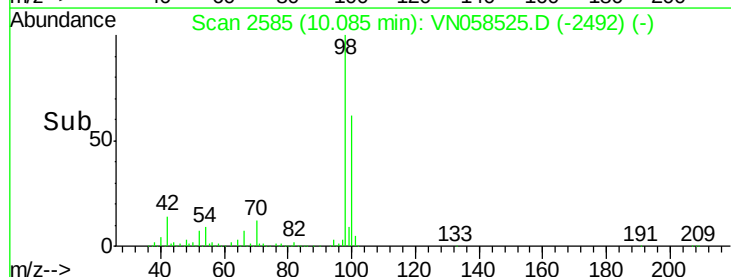
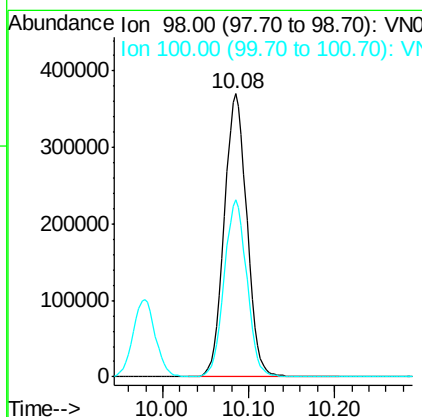
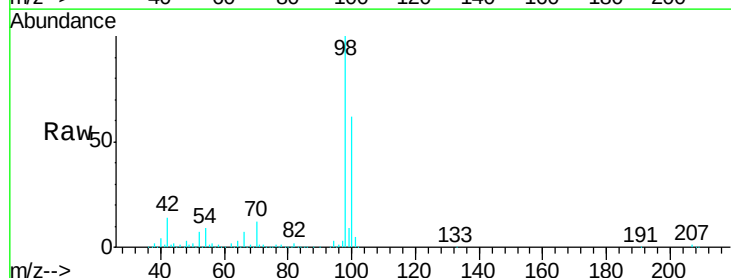
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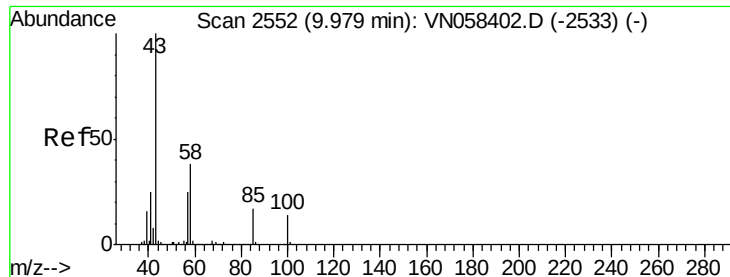
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#50
Toluene-d8
Concen: 48.619 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.6	51.0	76.6





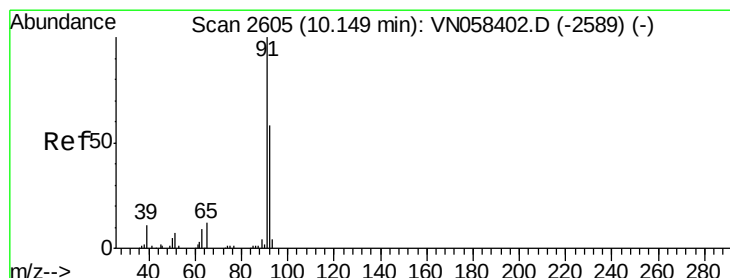
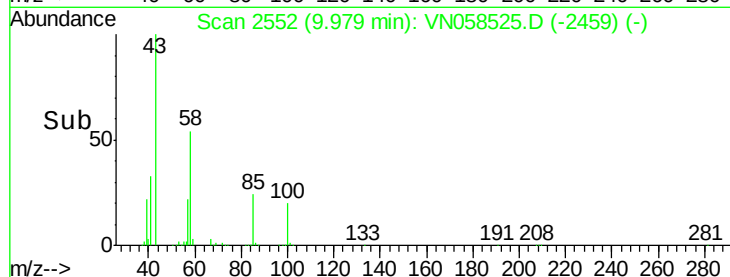
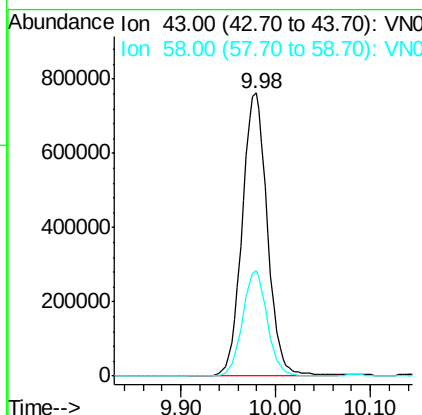
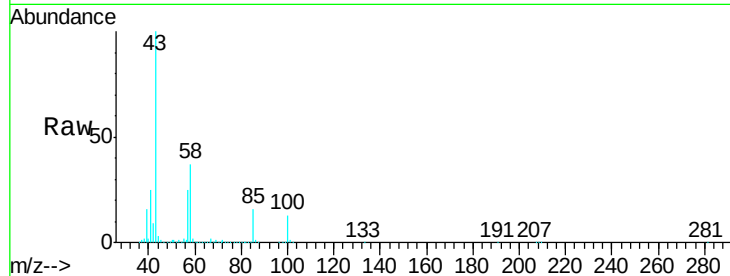
#51
 4-Methyl-2-Pentanone
 Concen: 307.646 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN058525.D
 Acq: 3 Oct 2019 20:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1397403
 Ion Ratio Lower Upper
 43 100
 58 36.9 30.2 45.2

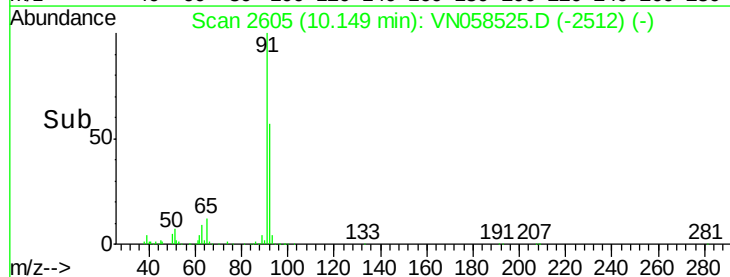
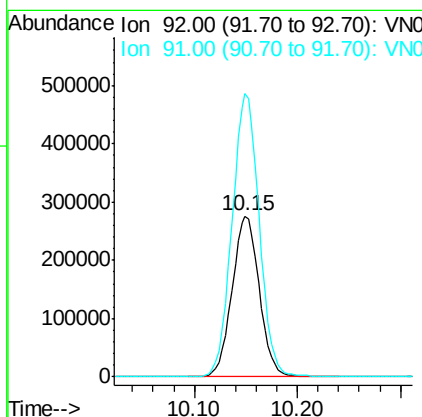
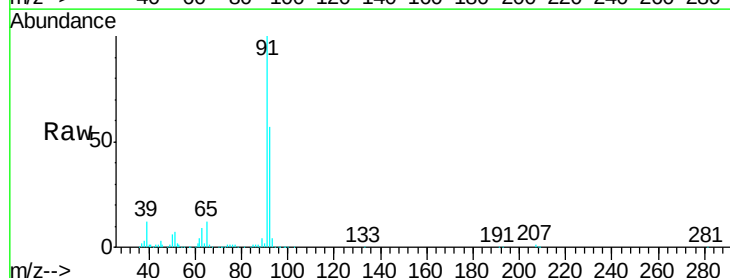
Manual Integrations
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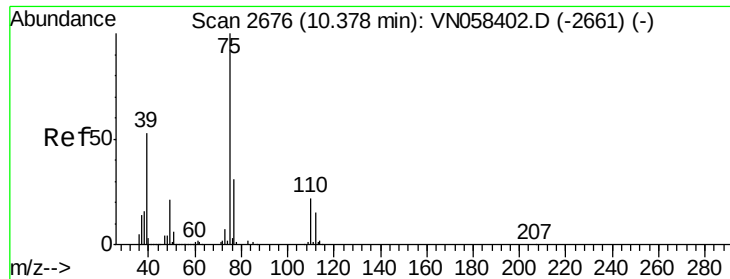
MMDadoda
 10/7/2019 10:36:28 AM



#52
 Toluene
 Concen: 50.409 ug/l
 RT: 10.15 min Scan# 2605
 Delta R.T. 0.00 min
 Lab File: VN058525.D
 Acq: 3 Oct 2019 20:52

Tgt Ion: 92 Resp: 505854
 Ion Ratio Lower Upper
 92 100
 91 176.5 140.2 210.4





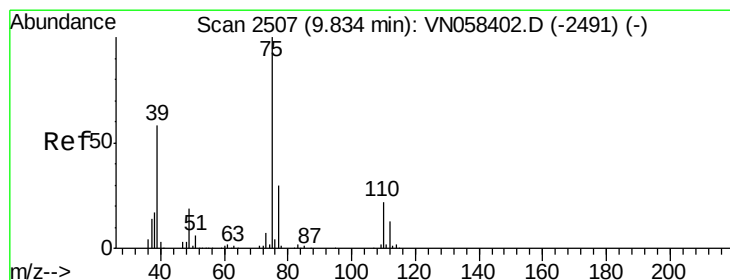
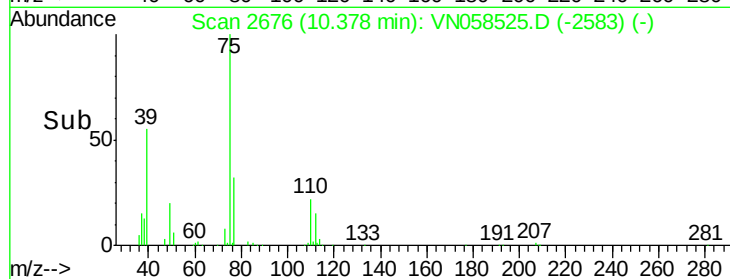
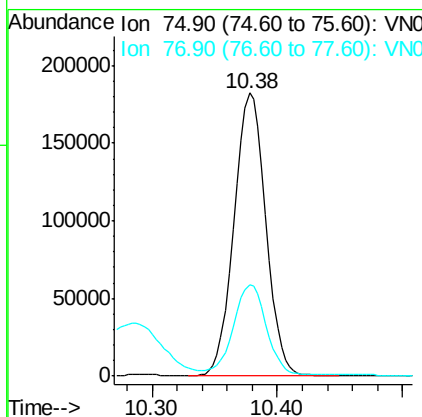
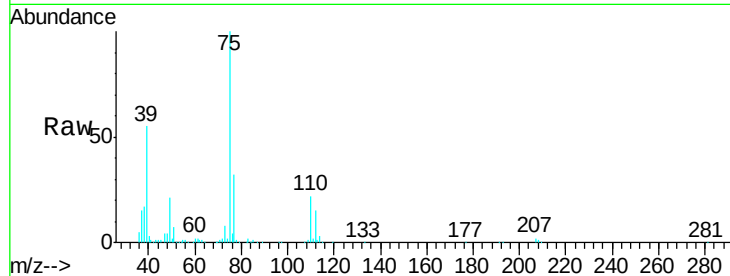
#53
t-1,3-Dichloropropene
Concen: 57.249 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 319686
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8

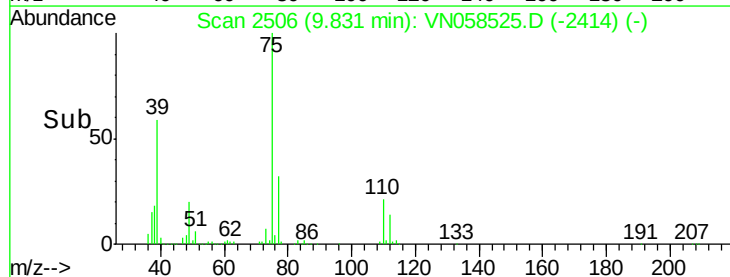
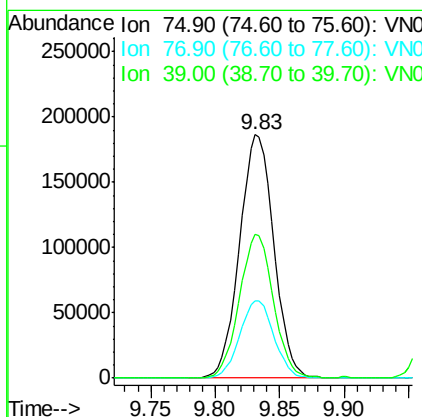
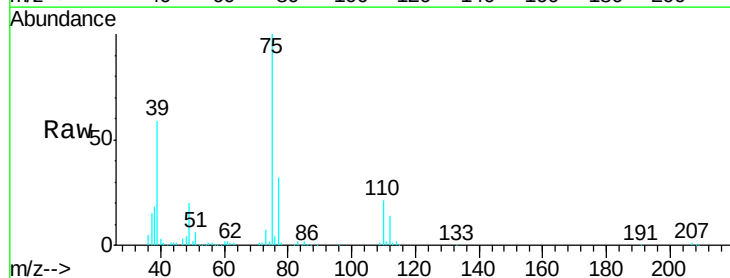
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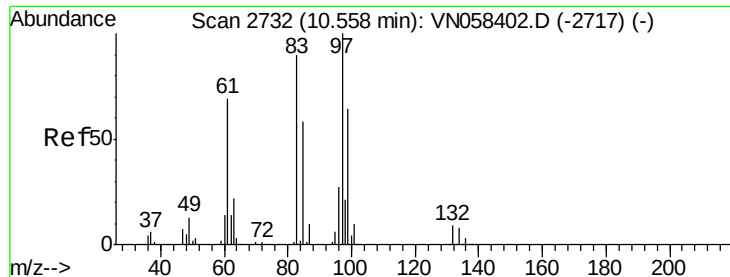
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 55.604 ug/l
RT: 9.83 min Scan# 2506
Delta R.T. -0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Tgt Ion: 75 Resp: 344670
Ion Ratio Lower Upper
75 100
77 31.8 24.2 36.4
39 59.0 46.4 69.6





#55

1,1,2-Trichloroethane

Concen: 56.233 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN058525.D

Acq: 3 Oct 2019 20:52

Instrument :

MSVOA_N

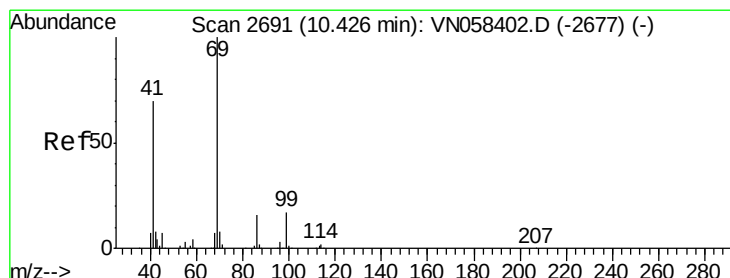
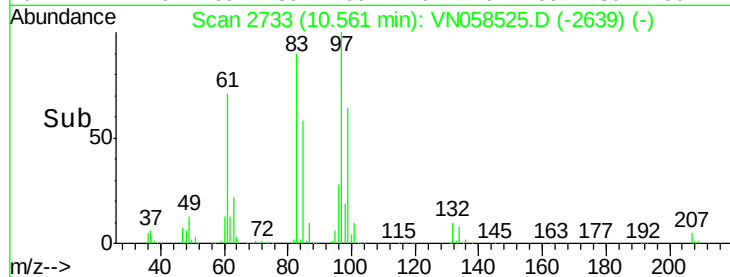
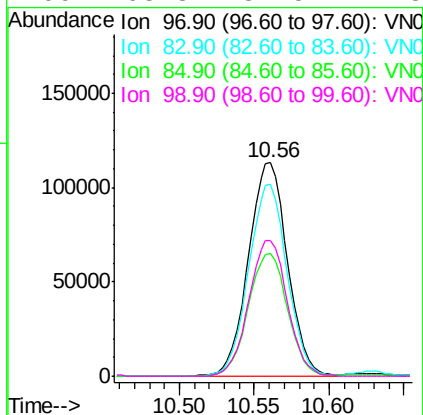
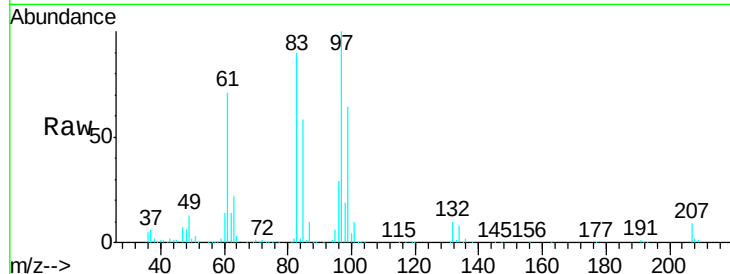
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	97	Resp:	205474
Ion	Ratio	Lower	Upper
97	100		
83	89.6	71.8	107.6
85	57.6	46.6	69.8
99	63.8	51.5	77.3

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#56

Ethyl methacrylate

Concen: 59.272 ug/l

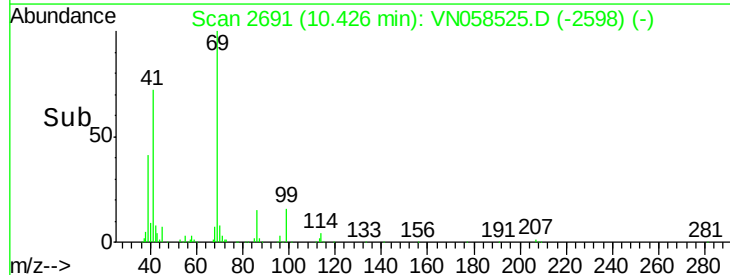
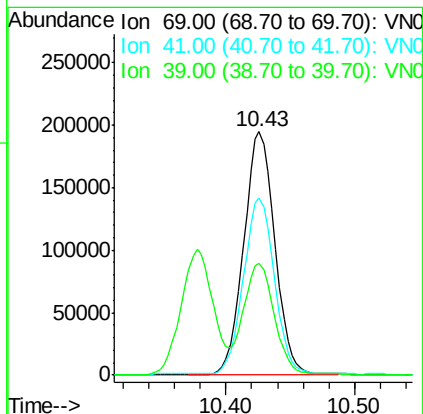
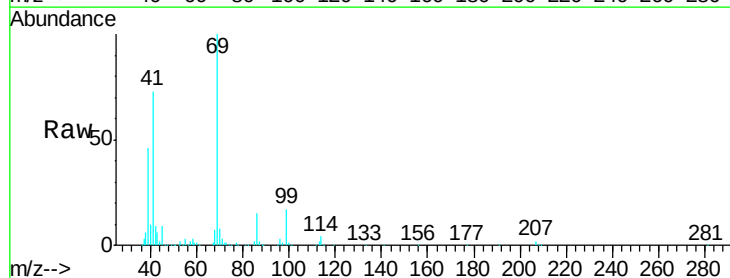
RT: 10.43 min Scan# 2691

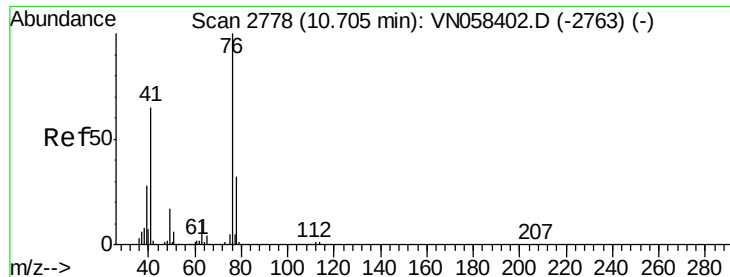
Delta R.T. 0.00 min

Lab File: VN058525.D

Acq: 3 Oct 2019 20:52

Tgt Ion:	69	Resp:	328635
Ion	Ratio	Lower	Upper
69	100		
41	71.0	56.3	84.5
39	44.9	35.8	53.6





#57

1,3-Dichloropropane

Concen: 55.739 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN058525.D

Acq: 3 Oct 2019 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 363285

Ion Ratio Lower Upper

76 100

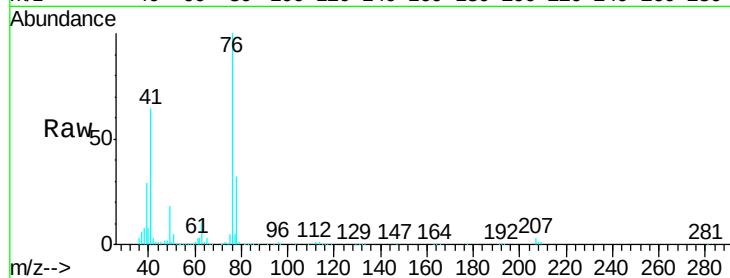
78 31.9 25.7 38.5

Manual Integrations

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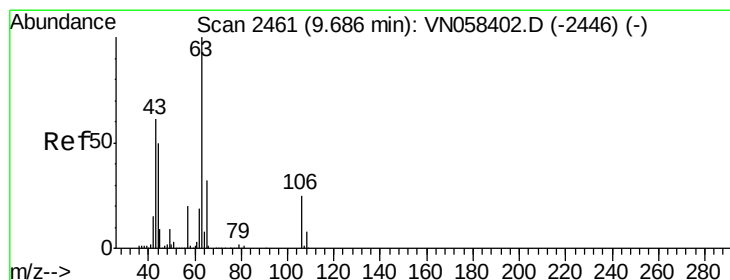
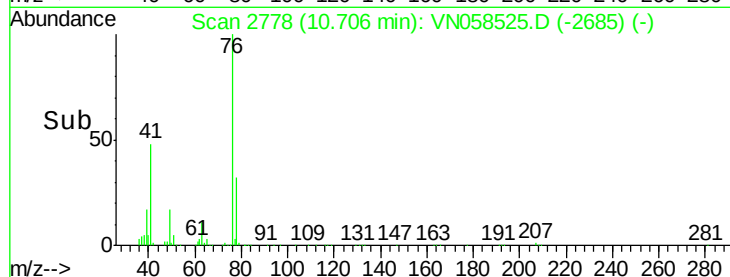
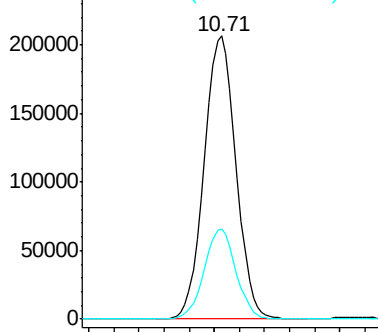
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 364.611 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN058525.D

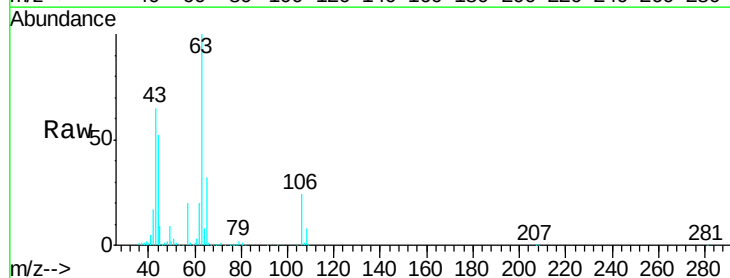
Acq: 3 Oct 2019 20:52

Tgt Ion: 63 Resp: 806102

Ion Ratio Lower Upper

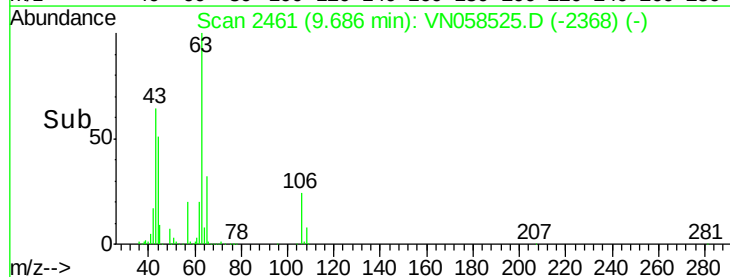
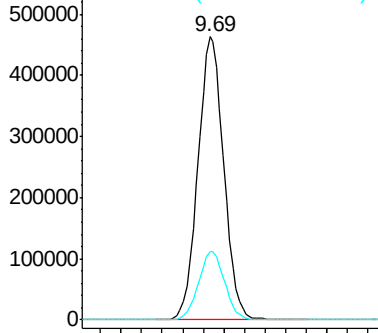
63 100

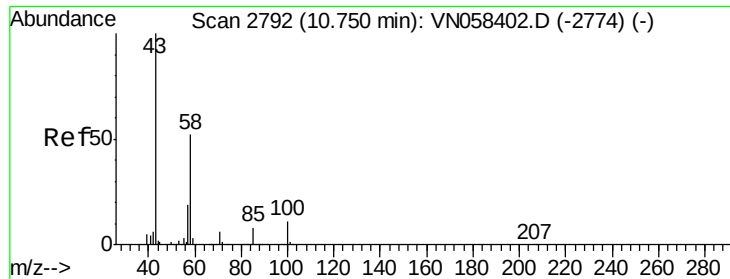
106 24.6 20.3 30.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





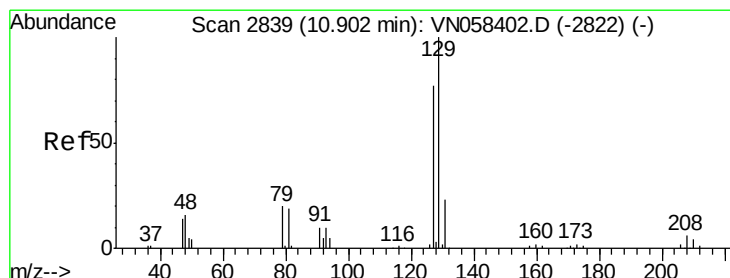
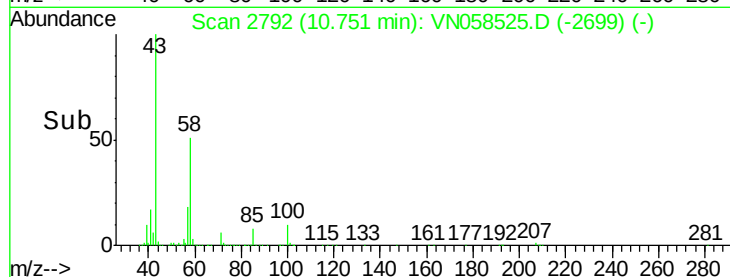
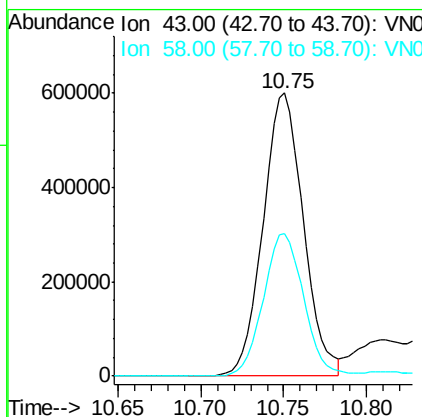
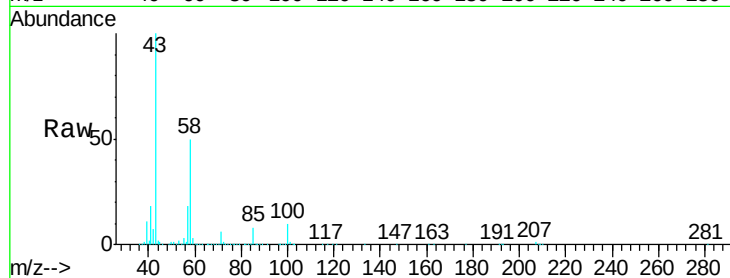
#59
2-Hexanone
Concen: 305.677 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1011007
Ion Ratio Lower Upper
43 100
58 50.8 25.8 77.3

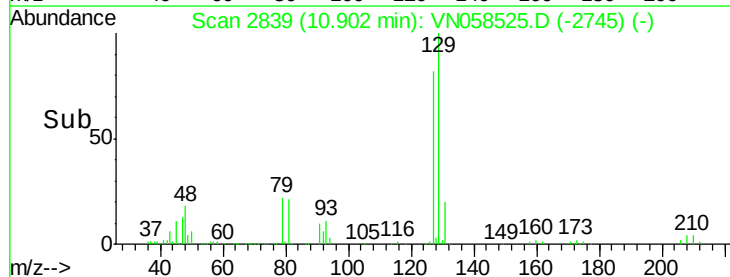
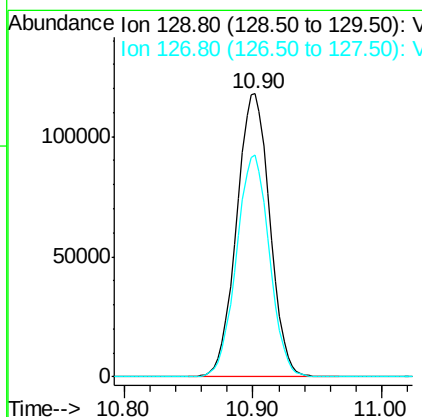
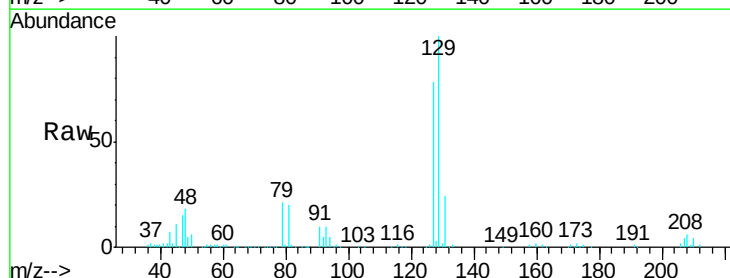
Manual Integrations
APPROVED

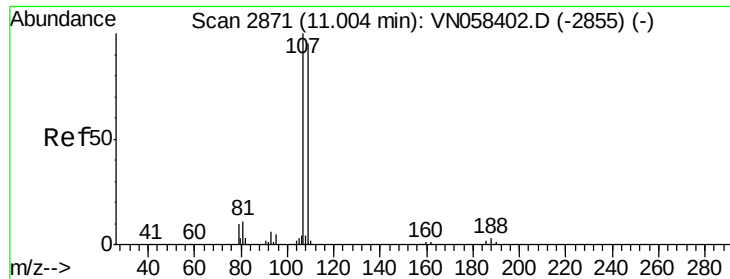
MMDadoda
10/7/2019 10:36:28 AM



#60
Dibromochloromethane
Concen: 55.960 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Tgt Ion: 129 Resp: 211494
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.8





#61

1,2-Dibromoethane

Concen: 56.811 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN058525.D

Acq: 3 Oct 2019 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 212109

Ion Ratio Lower Upper

107 100

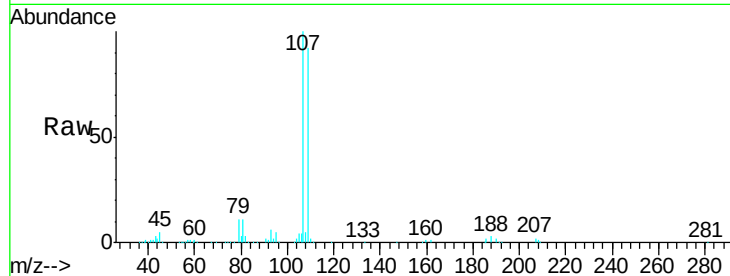
109 92.7 75.3 112.9

Manual Integrations

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MMDadoda

10/7/2019 10:36:28 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

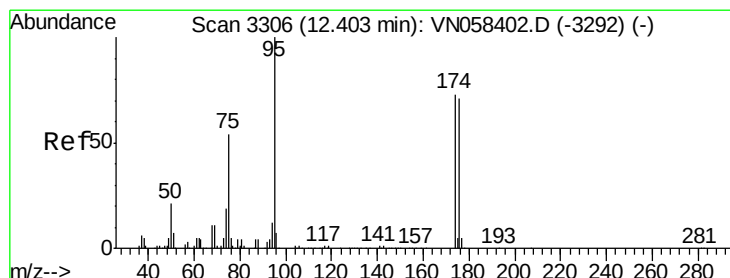
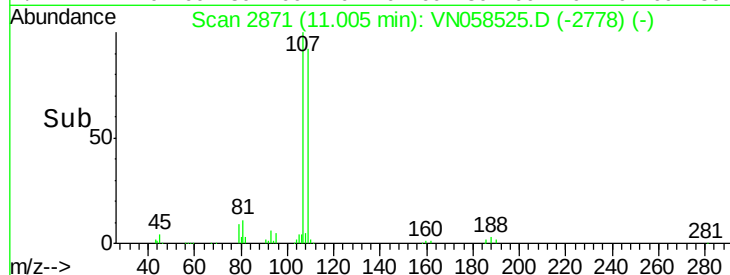
11.00

100000

50000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 50.486 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058525.D

Acq: 3 Oct 2019 20:52

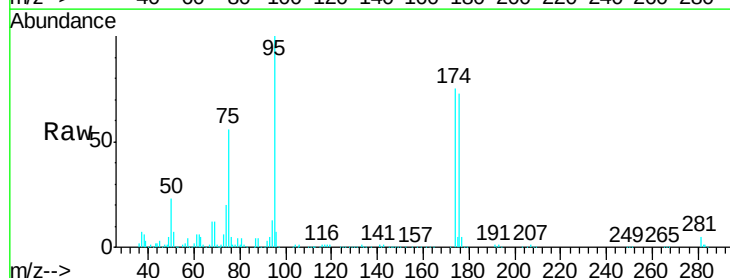
Tgt Ion: 95 Resp: 254233

Ion Ratio Lower Upper

95 100

174 74.8 0.0 150.6

176 73.2 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

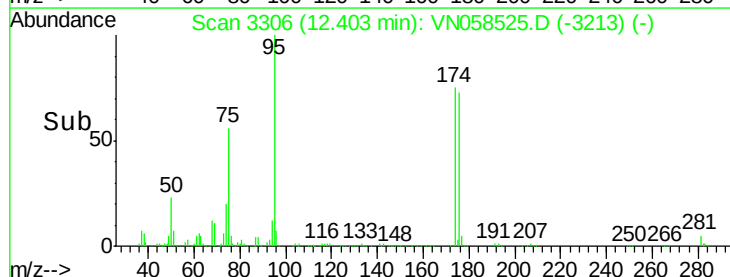
150000

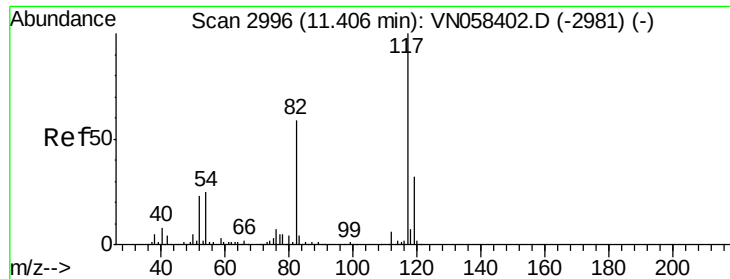
100000

50000

0

Time--> 12.35 12.40 12.45





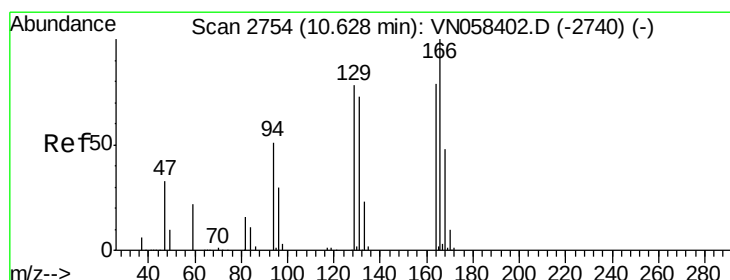
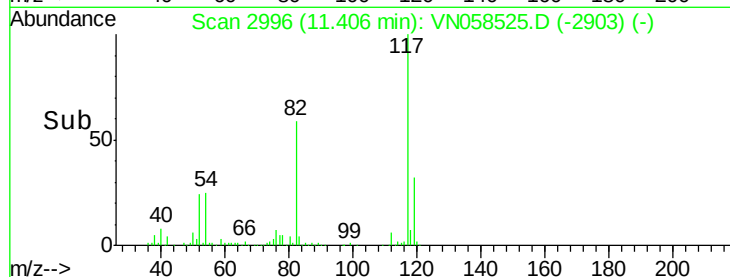
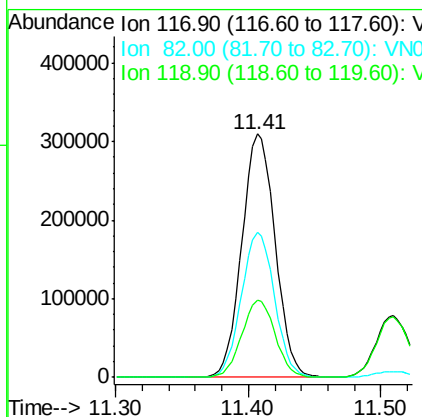
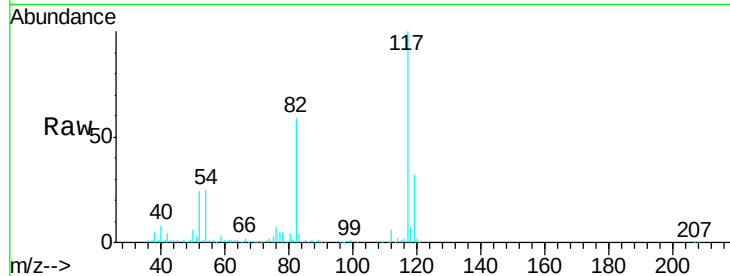
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	541407		
82	59.3	47.4	71.0	
119	31.7	25.5	38.3	

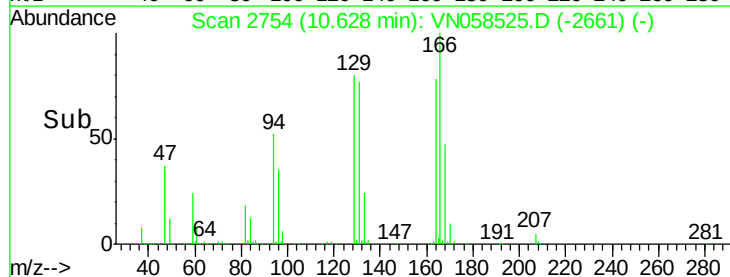
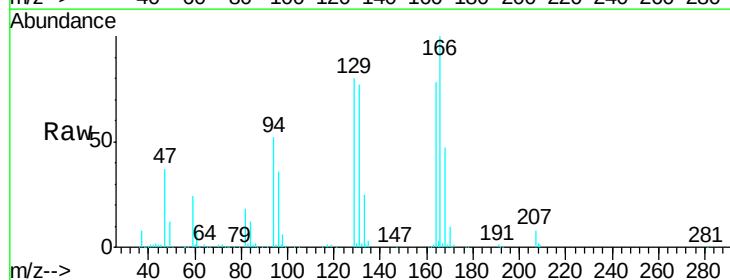
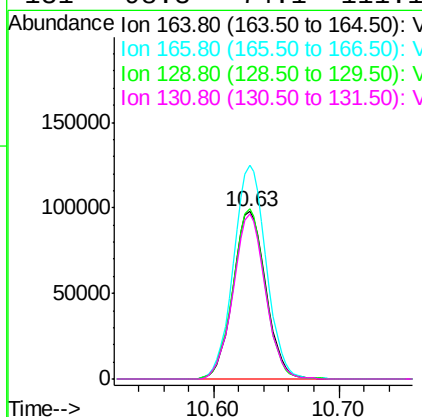
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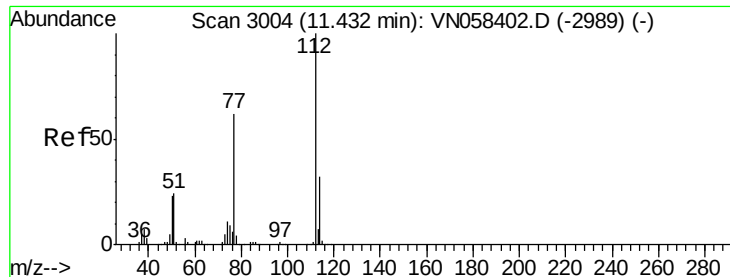
MMDadoda
10/7/2019 10:36:28 AM



#64
Tetrachloroethene
Concen: 51.806 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	178199		
166	127.4	101.1	151.7	
129	101.8	79.2	118.8	
131	98.3	74.1	111.1	





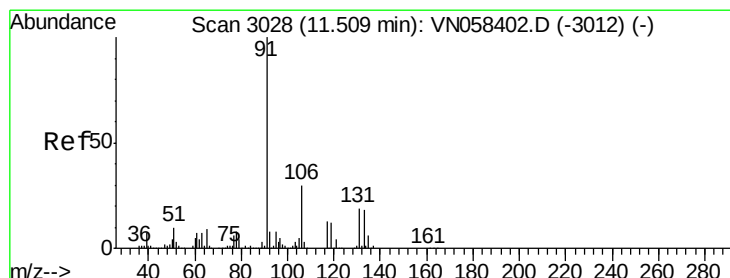
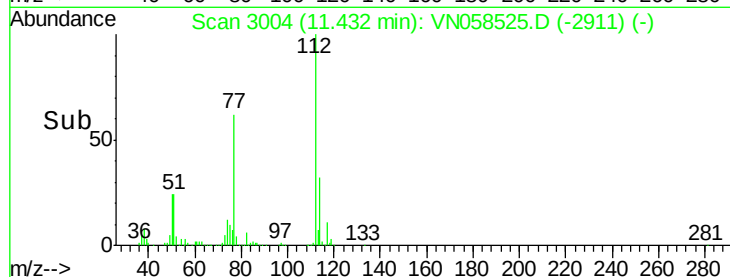
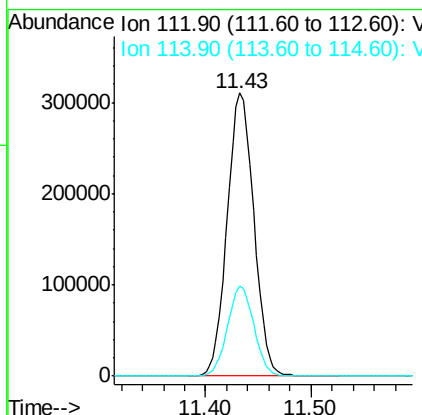
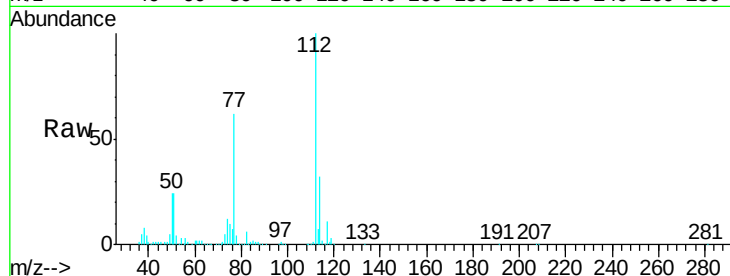
#65
Chlorobenzene
Concen: 50.619 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 544758
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2

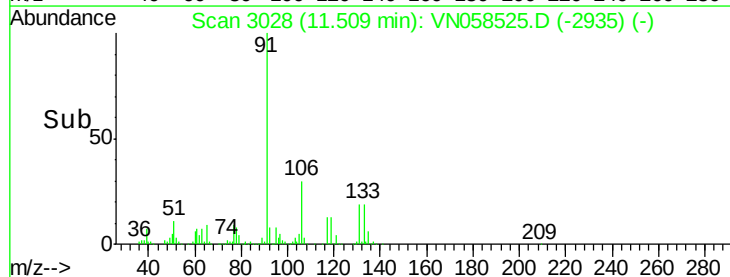
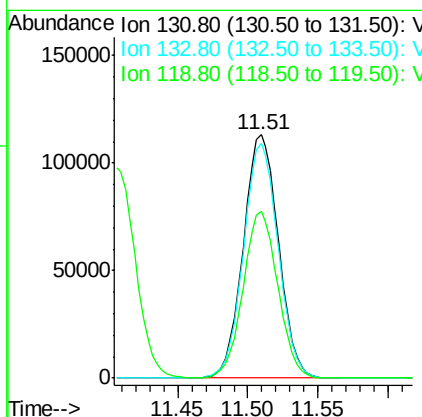
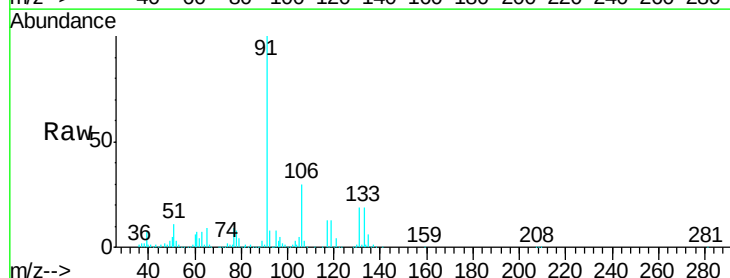
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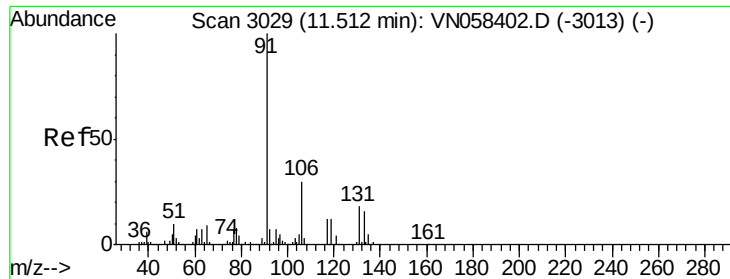
MMDadoda
10/7/2019 10:36:28 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 54.604 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Tgt Ion:131 Resp: 197992
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.3
119 67.8 33.0 99.0





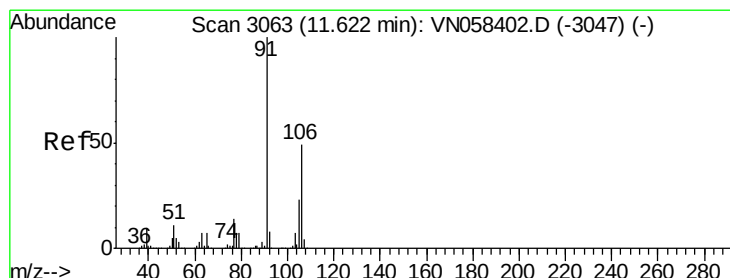
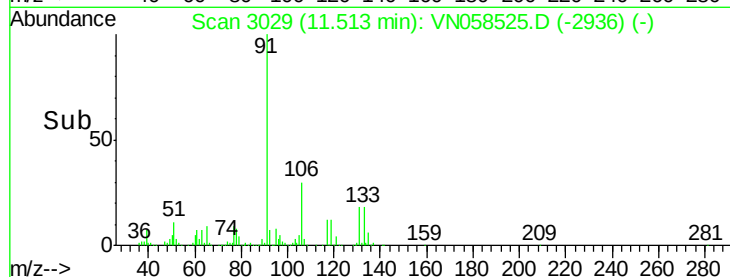
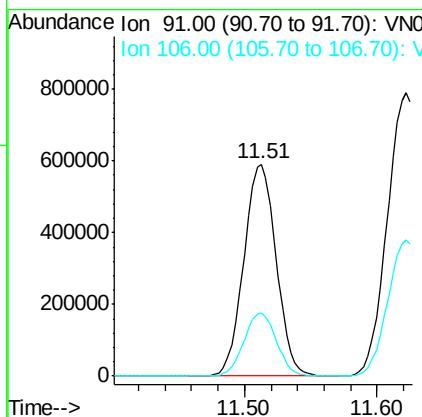
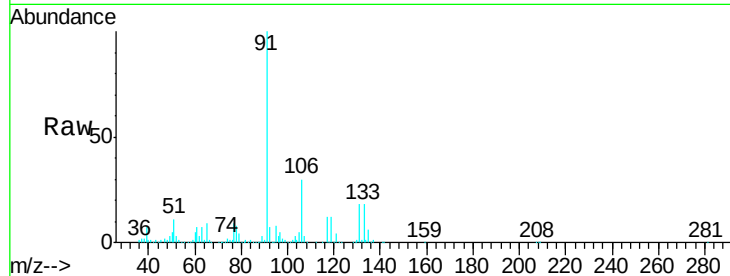
#67
Ethyl Benzene
Concen: 51.349 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1000944
Ion Ratio Lower Upper
91 100
106 29.8 24.3 36.5

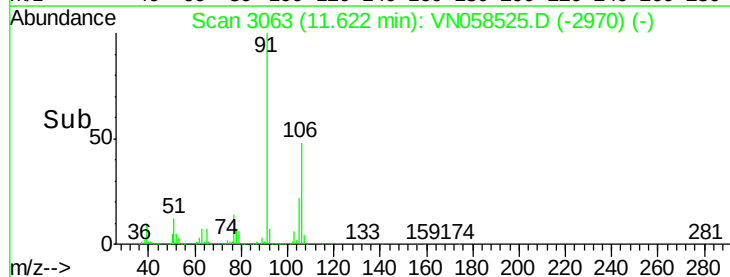
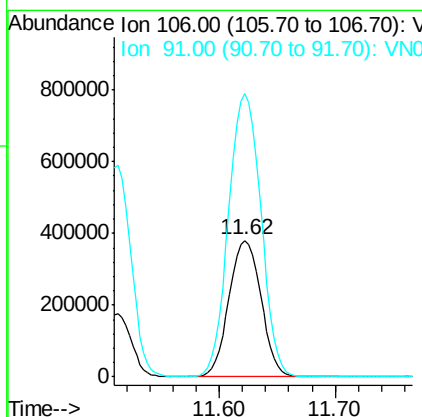
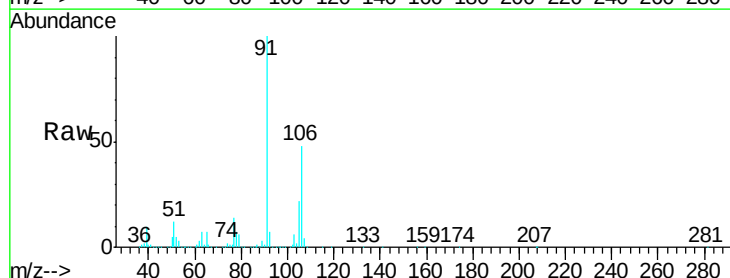
Manual Integrations
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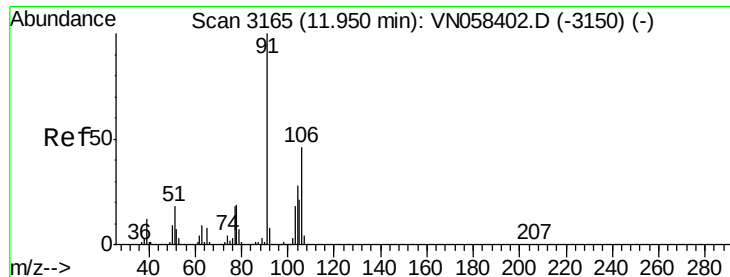
MMDadoda
10/7/2019 10:36:28 AM



#68
m/p-Xylenes
Concen: 99.763 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Tgt Ion: 106 Resp: 731663
Ion Ratio Lower Upper
106 100
91 209.7 165.0 247.4





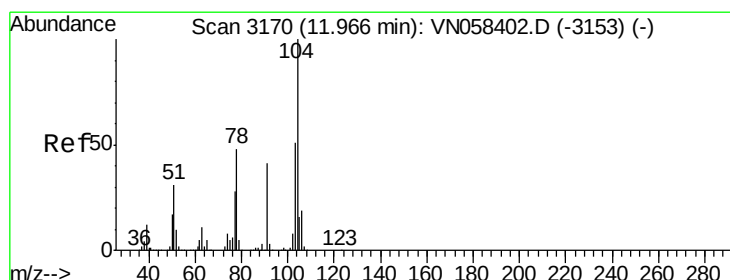
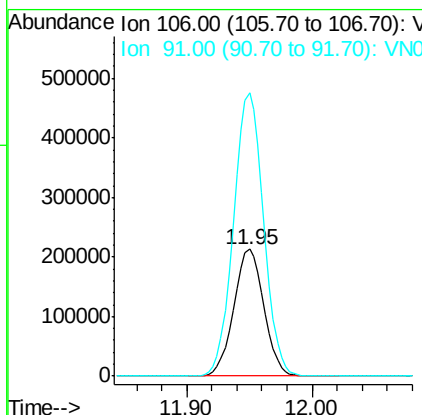
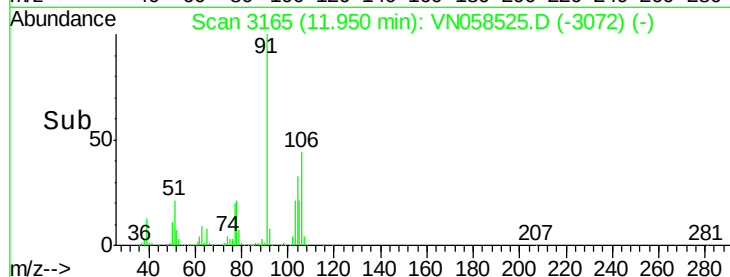
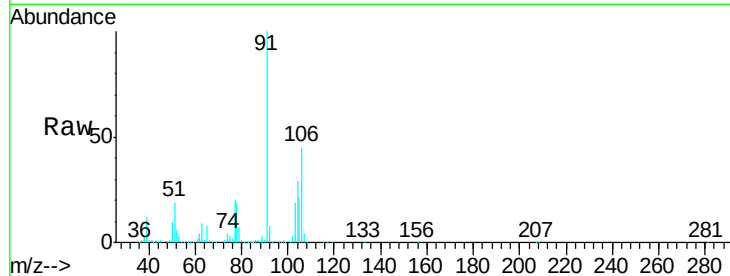
#69
o-Xylene
Concen: 50.197 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tgt Ion:106 Resp: 354396
Ion Ratio Lower Upper
106 100
91 222.7 109.1 327.4

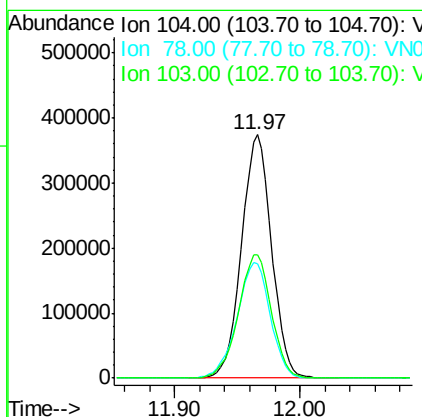
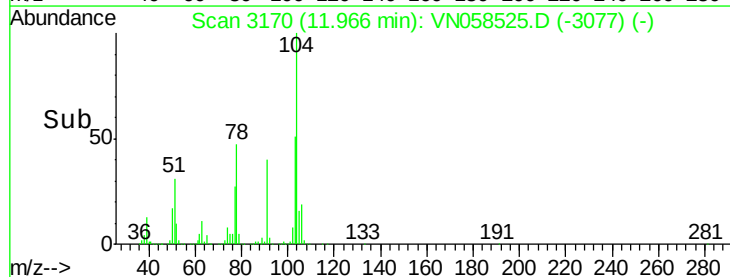
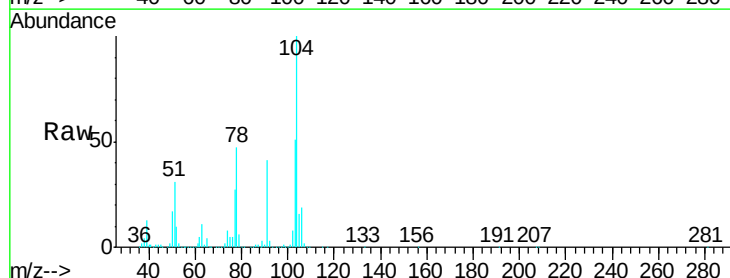
Manual Integrations
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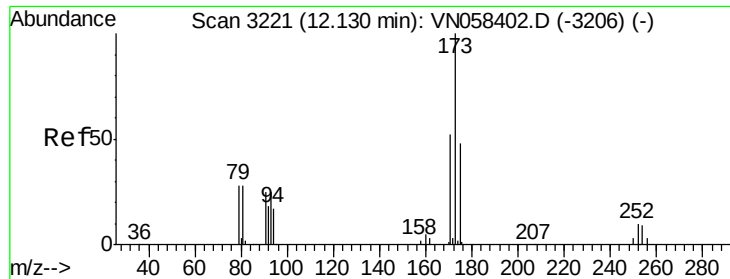
MMDadoda
10/7/2019 10:36:28 AM



#70
Styrene
Concen: 54.407 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Tgt Ion:104 Resp: 624023
Ion Ratio Lower Upper
104 100
78 52.6 42.8 64.2
103 55.5 43.7 65.5





#71

Bromoform

Concen: 51.837 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN058525.D

Acq: 3 Oct 2019 20:52

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tgt Ion:173 Resp: 129957
Ion Ratio Lower Upper

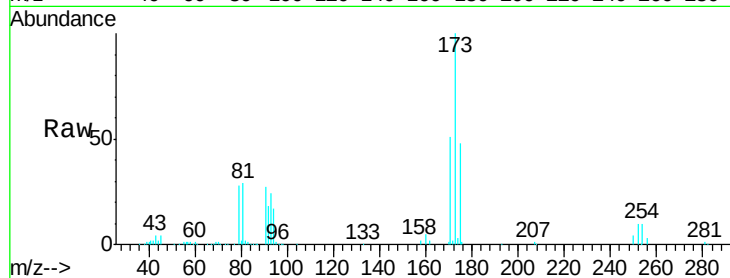
173 100

175 47.7 24.3 73.0

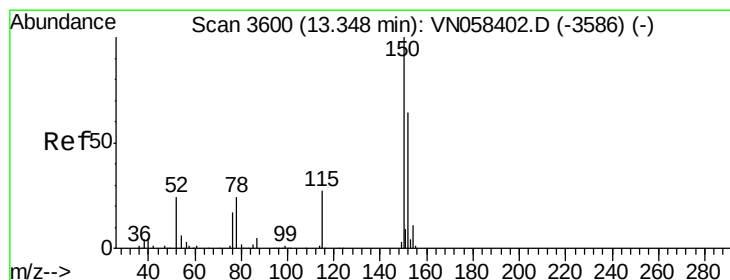
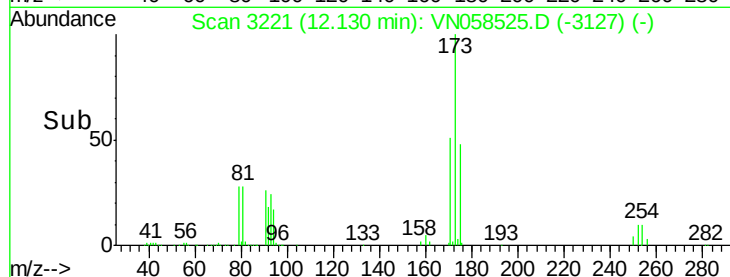
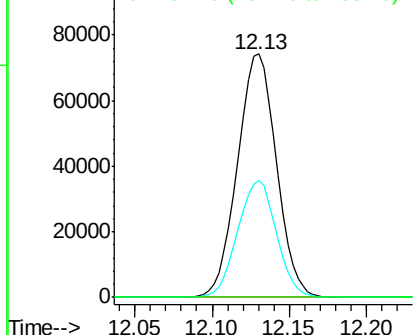
254 0.0 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058525.D

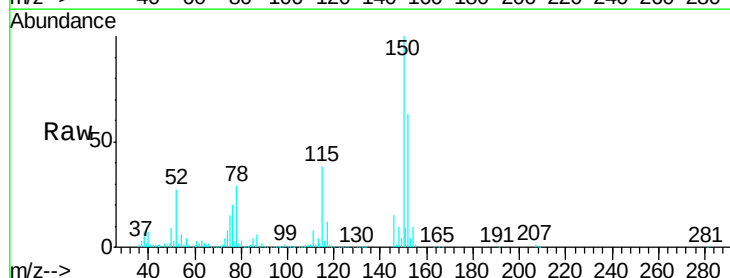
Acq: 3 Oct 2019 20:52

Tgt Ion:152 Resp: 266608
Ion Ratio Lower Upper

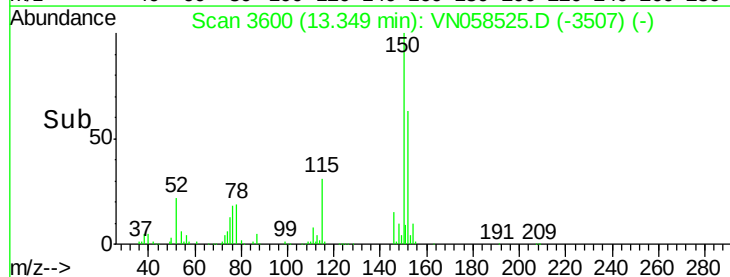
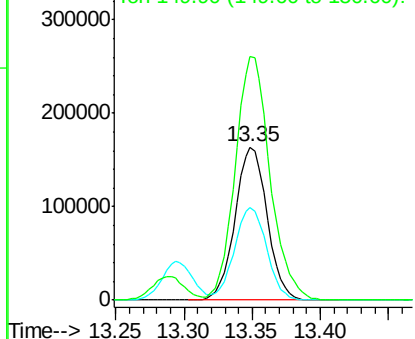
152 100

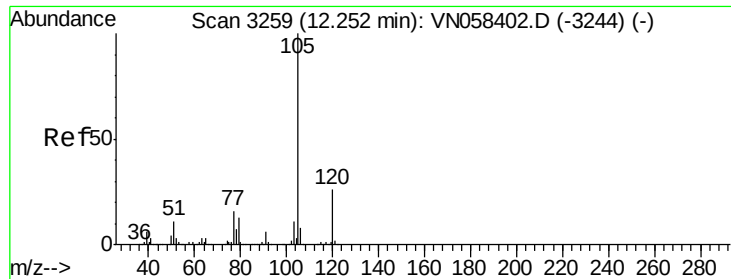
115 60.7 30.0 90.0

150 173.0 0.0 348.2



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





#73

Isopropylbenzene

Concen: 48.543 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN058525.D

Acq: 3 Oct 2019 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 956438

Ion Ratio Lower Upper

105 100

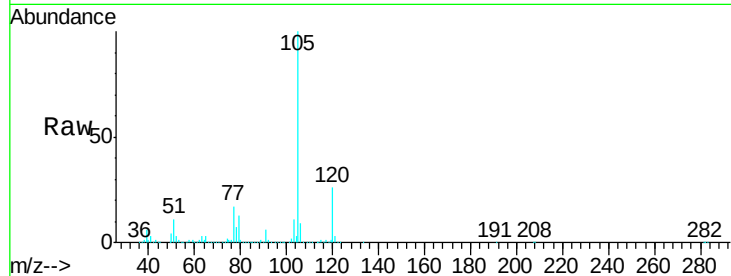
120 26.0 12.8 38.4

Manual Integrations

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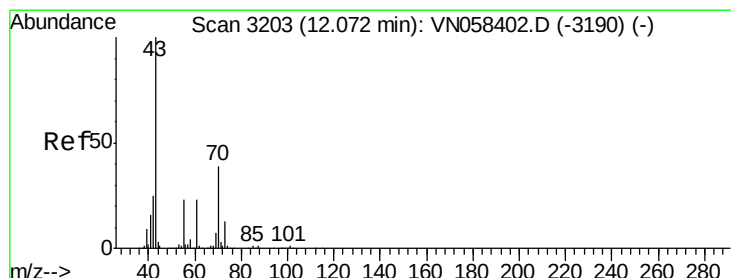
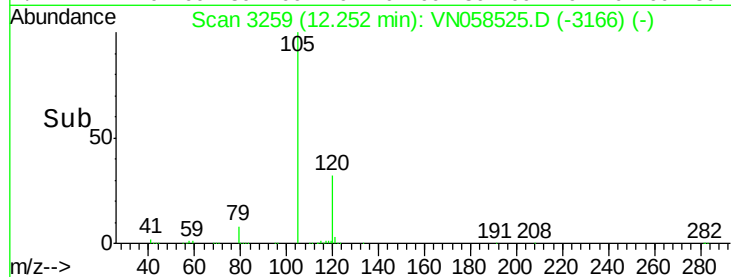
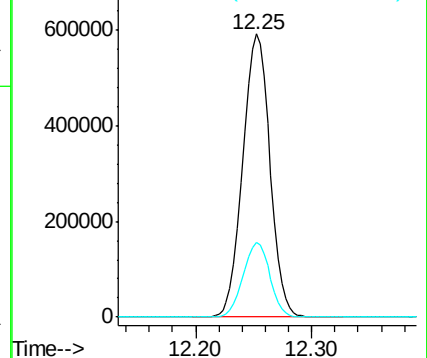
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 59.284 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN058525.D

Acq: 3 Oct 2019 20:52

Tgt Ion: 43 Resp: 464694

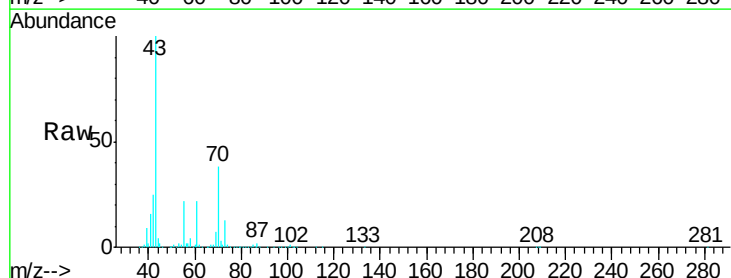
Ion Ratio Lower Upper

43 100

70 38.3 31.4 47.2

55 23.3 18.2 27.4

61 22.4 18.3 27.5

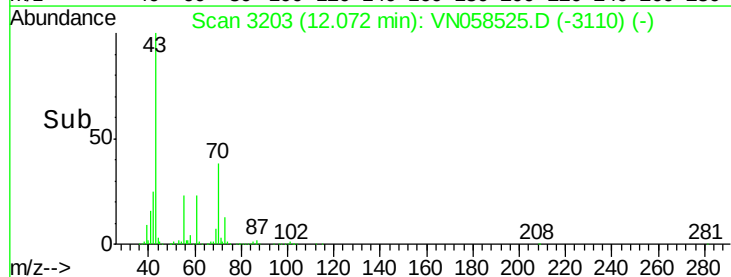
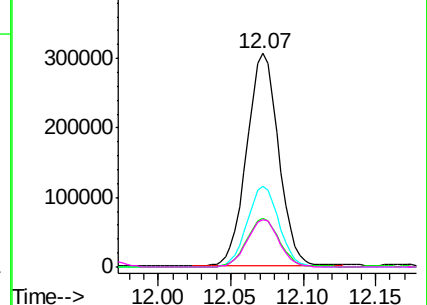


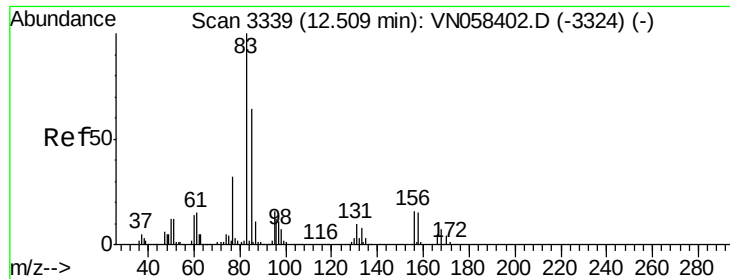
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 52.496 ug/l

RT: 12.51 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN058525.D

Acq: 3 Oct 2019 20:52

Instrument :

MSVOA_N

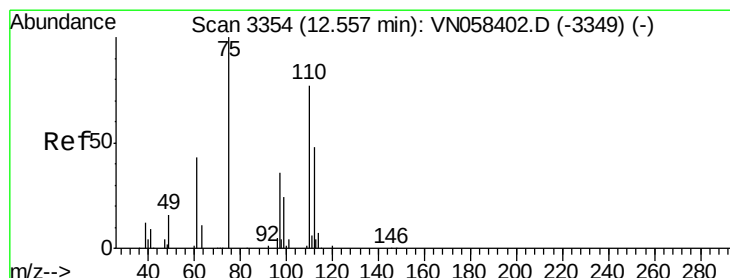
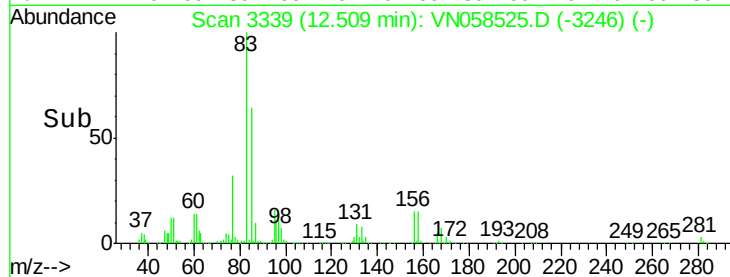
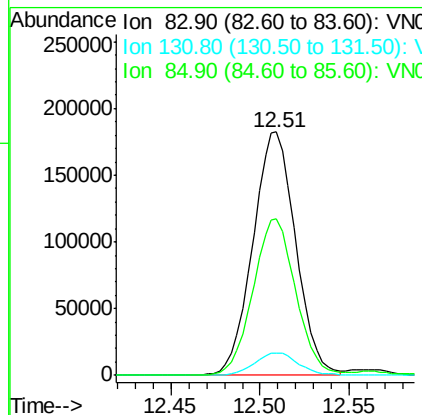
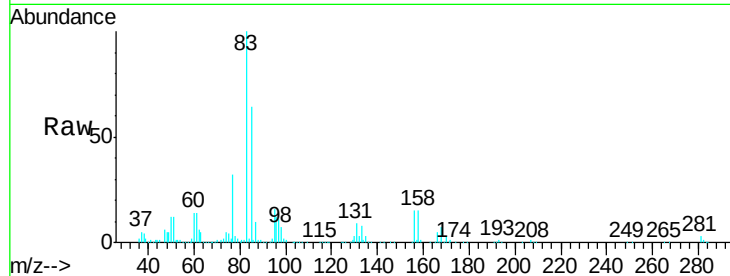
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	305853
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.9	14.7
85	64.1	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 53.665 ug/l m

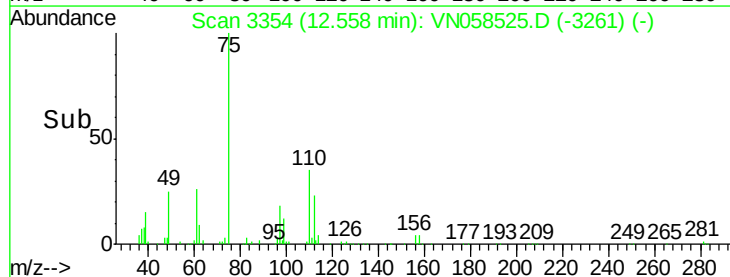
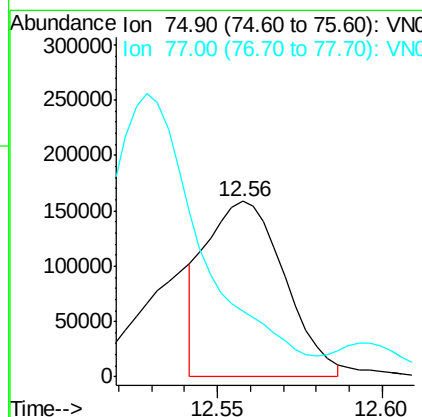
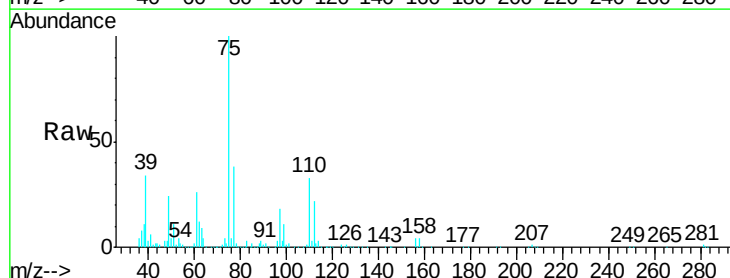
RT: 12.56 min Scan# 3354

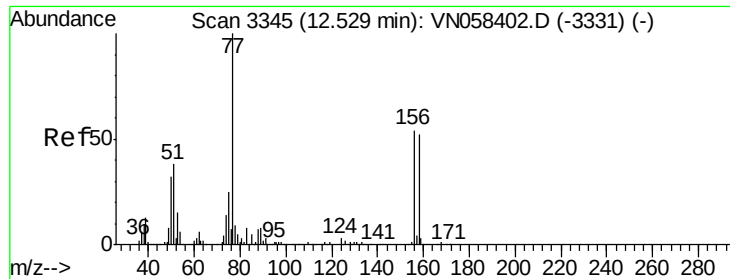
Delta R.T. 0.00 min

Lab File: VN058525.D

Acq: 3 Oct 2019 20:52

Tgt Ion:	75	Resp:	261326
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





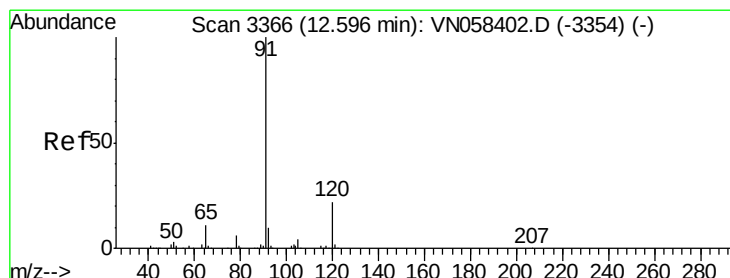
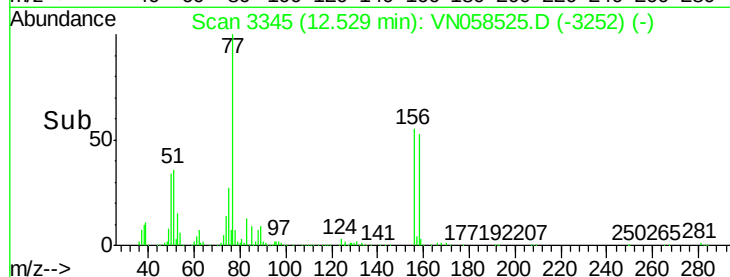
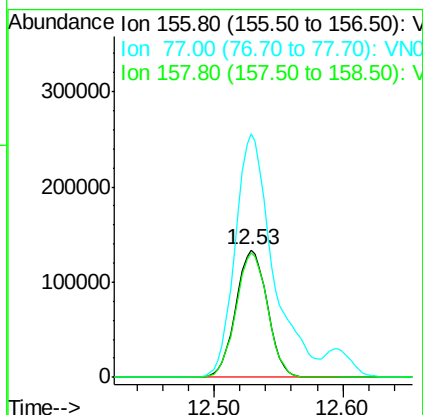
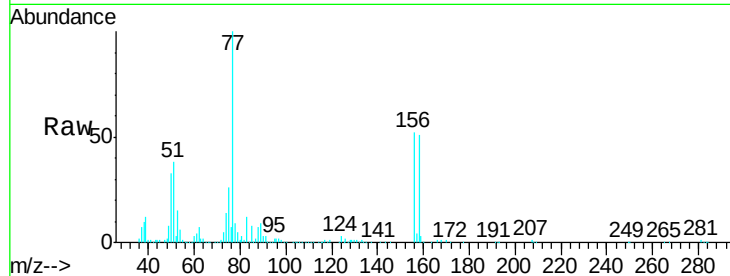
#77
Bromobenzene
Concen: 49.247 ug/l
RT: 12.53 min Scan# 3345
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
156	100		
77	228.2	110.0	330.0
158	97.7	47.9	143.8

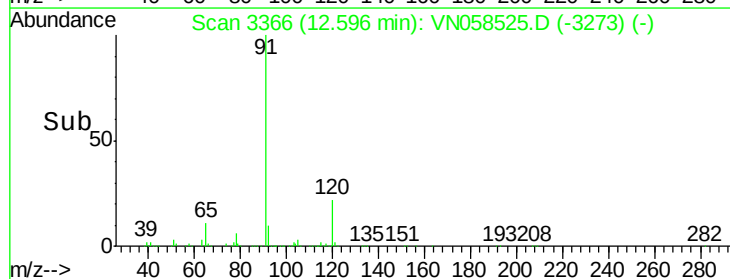
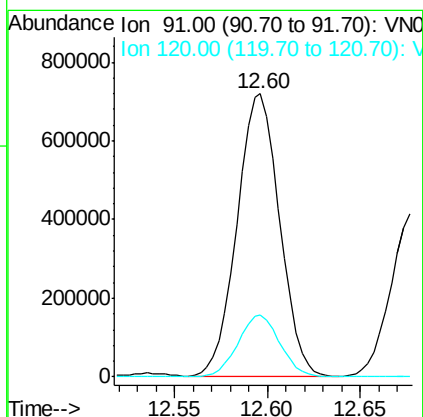
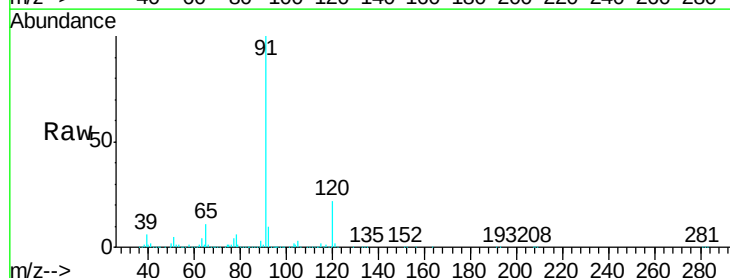
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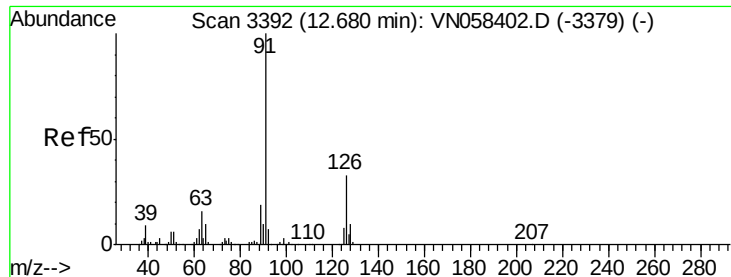
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#78
n-propylbenzene
Concen: 51.421 ug/l
RT: 12.60 min Scan# 3366
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.6	10.9	32.9





#79

2-Chlorotoluene

Concen: 49.294 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN058525.D

Acq: 3 Oct 2019 20:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 675381

Ion Ratio Lower Upper

91 100

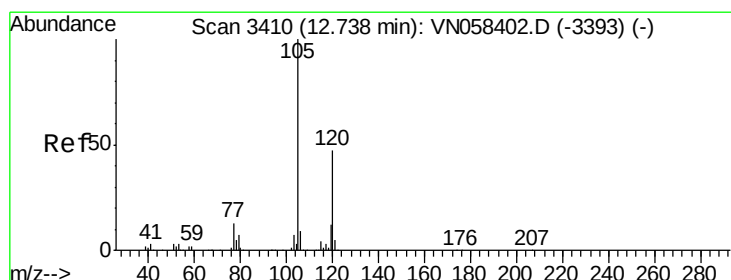
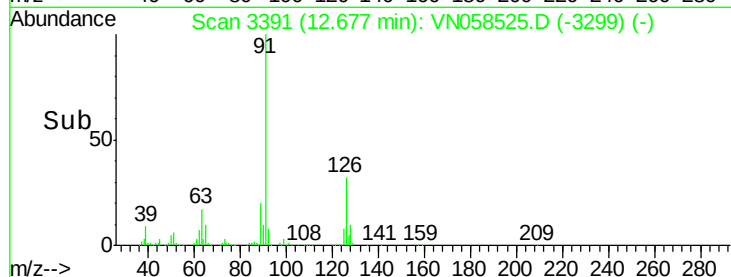
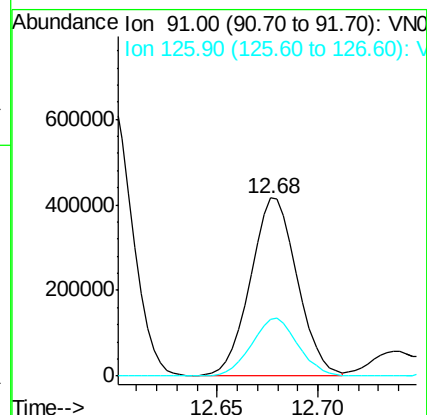
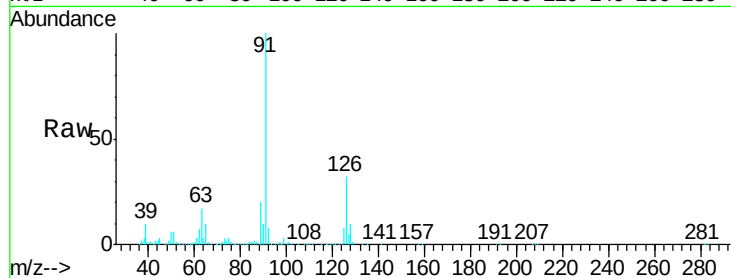
126 32.3 16.2 48.6

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#80

1,3,5-Trimethylbenzene

Concen: 50.024 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058525.D

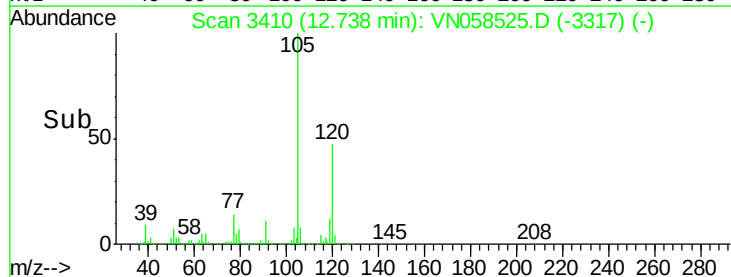
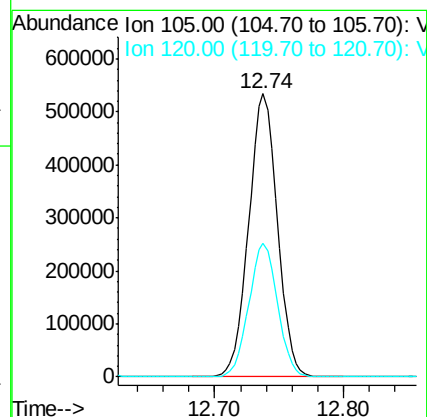
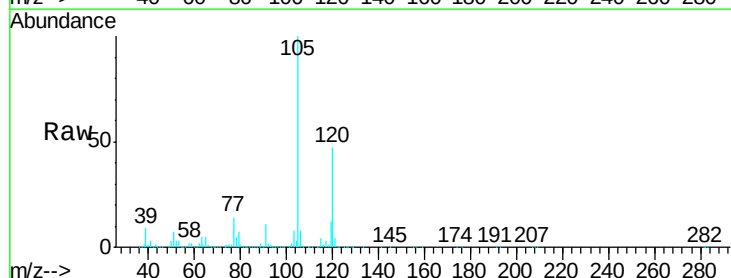
Acq: 3 Oct 2019 20:52

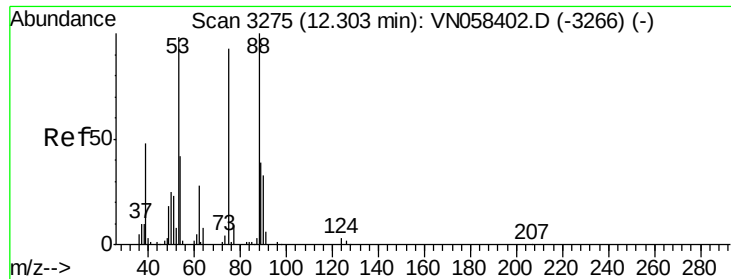
Tgt Ion: 105 Resp: 825058

Ion Ratio Lower Upper

105 100

120 47.3 23.5 70.6





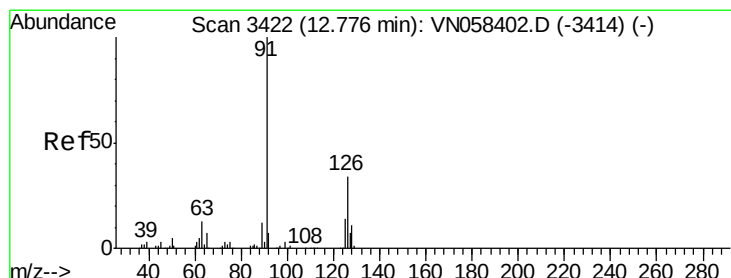
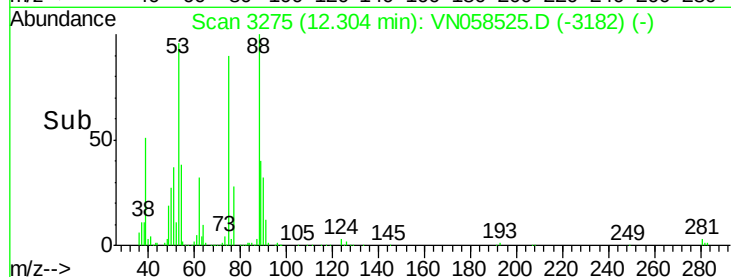
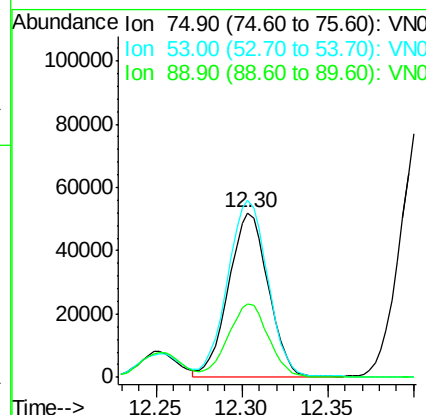
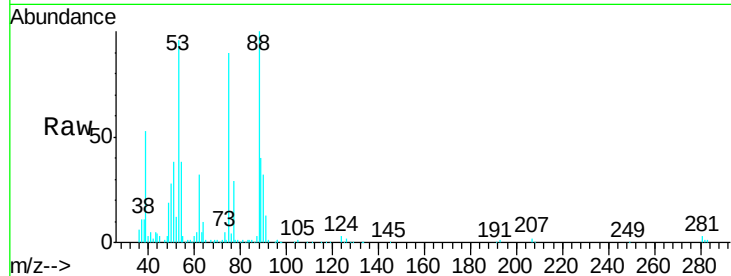
#81
trans-1,4-Dichloro-2-butene
Concen: 51.501 ug/l
RT: 12.30 min Scan# 3275
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	109.9	85.4	128.0
89	46.1	35.0	52.4

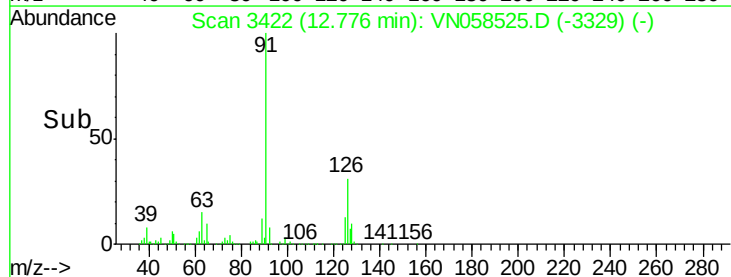
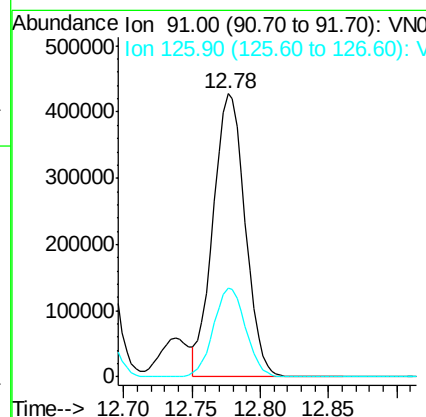
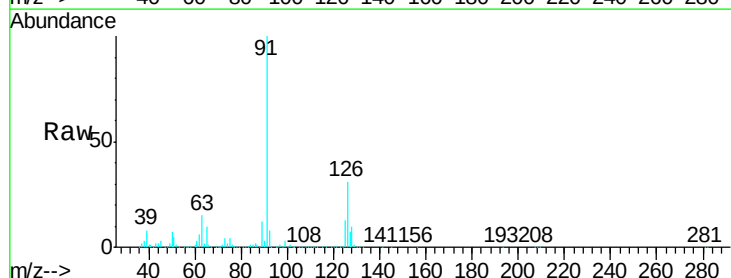
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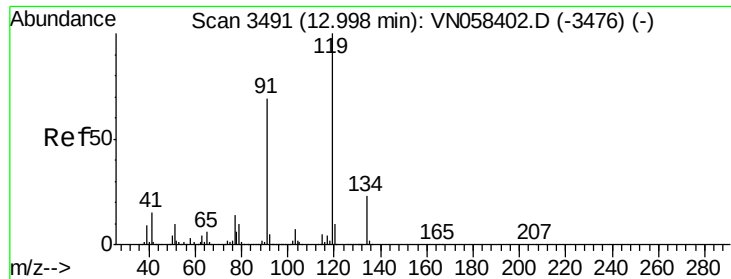
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#82
4-Chlorotoluene
Concen: 49.752 ug/l
RT: 12.78 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN058525.D
Acq: 3 Oct 2019 20:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	15.9	47.7





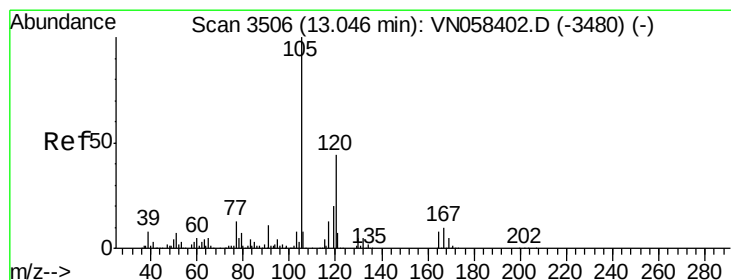
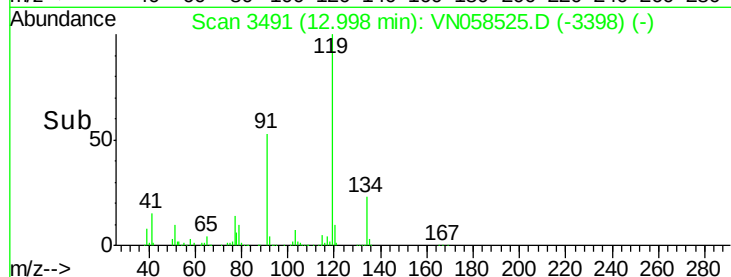
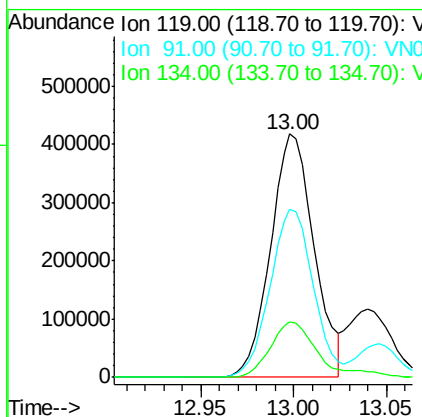
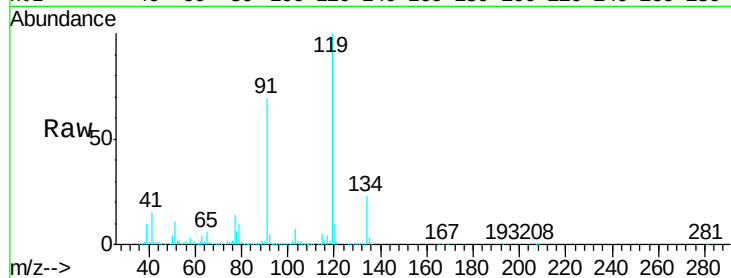
#83
 tert-Butylbenzene
 Concen: 49.109 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN058525.D
 Acq: 3 Oct 2019 20:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
119	100		
91	68.8	34.2	102.6
134	25.4	11.6	34.8

Manual Integrations
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.202 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN058525.D
 Acq: 3 Oct 2019 20:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	21.7	65.1

