

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090319\
 Data File : VN057667.D
 Acq On : 3 Sep 2019 17:05
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090319

Manual Integrations
 APPROVED

MMDadoda
 9/5/2019 3:21:23 PM

Quant Time: Sep 04 02:22:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N090319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 04 02:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	71509	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	445941	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	382394	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.02	65	236870	31.16	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.87%
60) 4-Bromofluorobenzene	12.40	95	189562	29.02	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.73%
63) Toluene-d8	10.09	98	559799	30.40	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.33%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.84	85	113736	22.077 ug/l	98
3) Chloromethane	2.05	50	116311	21.408 ug/l	97
4) Vinyl Chloride	2.18	62	95106	21.407 ug/l	99
5) Bromomethane	2.54	94	65134m	22.932 ug/l	
6) Chloroethane	2.69	64	65877	20.306 ug/l	97
7) Trichlorofluoromethane	3.01	101	182274	21.421 ug/l	94
8) Diethyl Ether	3.40	74	59780	21.359 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.75	101	92805	20.987 ug/l	99
10) 1,1-Dichloroethene	3.73	96	86949	21.553 ug/l	97
11) Methyl Iodide	3.95	142	108711	19.459 ug/l	98
12) Methyl Acetate	4.31	43	130640	21.689 ug/l	100
13) Acrolein	3.60	56	33350	97.582 ug/l	92
14) Acrylonitrile	4.97	53	229123	104.519 ug/l	98
15) Acetone	3.80	58	69252	112.623 ug/l	97
16) Carbon Disulfide	4.05	76	210356	20.757 ug/l	99
17) Allyl chloride	4.31	41	185485	21.528 ug/l	94
18) Methylene Chloride	4.54	84	103449	20.463 ug/l	93
19) trans-1,2-Dichloroethene	5.03	96	91398	21.418 ug/l	96
20) Diisopropyl ether	5.93	45	396458	21.354 ug/l	96
21) 1,1-Dichloroethane	5.83	63	202159	21.125 ug/l	99
22) cis-1,2-Dichloroethene	6.82	96	108937	20.900 ug/l	95
23) tert-Butyl Alcohol	4.75	59	90574	113.630 ug/l	# 100
24) Methyl tert-Butyl Ether	5.02	73	342445	21.363 ug/l	100
25) Chloroform	7.36	83	210715	21.242 ug/l	96
26) Cyclohexane	7.64	56	166958	20.489 ug/l	# 96
29) 1,1-Dichloropropene	7.78	75	146012	20.504 ug/l	98
30) 2-Butanone	6.82	43	358534	106.582 ug/l	# 98
31) 2,2-Dichloropropane	6.81	77	184768	20.965 ug/l	# 77
32) 1,1,1-Trichloroethane	7.56	97	181764	20.617 ug/l	99
33) Carbon Tetrachloride	7.77	117	148899	20.798 ug/l	97
34) Benzene	8.03	78	416470	20.360 ug/l	97
35) Methacrylonitrile	7.16	41	57881m	18.783 ug/l	
36) 1,2-Dichloroethane	8.11	62	187492	20.568 ug/l	# 100
37) Trichloroethene	8.83	130	100618	20.715 ug/l	97
38) Methylcyclohexane	9.07	83	164252	20.786 ug/l	96
39) 1,2-Dichloropropane	9.11	63	115706	20.686 ug/l	94
40) Dibromomethane	9.20	93	76397	21.070 ug/l	99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	9.40	83	155430	19.833	ug/l #	92
42) Vinyl Acetate	5.88	43	1625381	109.932	ug/l	100
43) Ethyl Acetate	6.91	43	146972	21.217	ug/l #	83
44) Isopropyl Acetate	8.15	43	268829	20.758	ug/l	97
45) 1,4-Dioxane	9.19	88	35936	432.271	ug/l	93
46) Methyl methacrylate	9.19	41	130728	20.804	ug/l	97
47) n-amyl Acetate	12.07	43	201177	20.031	ug/l	97
48) t-1,3-Dichloropropene	10.38	75	161265	19.617	ug/l	93
49) cis-1,3-Dichloropropene	9.83	75	178257	20.324	ug/l	95
50) 1,1,2-Trichloroethane	10.56	97	97948	20.029	ug/l	99
51) Ethyl methacrylate	10.43	69	157178	19.716	ug/l	98
52) 1,3-Dichloropropane	10.71	76	176810	20.313	ug/l	100
53) Dibromochloromethane	10.90	129	102382	20.060	ug/l	97
54) 1,2-Dibromoethane	11.00	107	100667	20.593	ug/l	100
55) 2-Chloroethyl vinyl ether	9.69	63	244195	96.949	ug/l	100
56) Bromoform	12.13	173	58831	18.588	ug/l	99
58) 4-Methyl-2-Pentanone	9.98	43	771084	114.101	ug/l	98
59) 2-Hexanone	10.75	43	524543	109.688	ug/l	99
61) Tetrachloroethene	10.63	164	92675	21.106	ug/l	97
62) Toluene	10.15	91	450685	20.991	ug/l	99
64) Chlorobenzene	11.43	112	257599	20.433	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.51	131	97169	21.039	ug/l	95
66) Ethyl Benzene	11.51	91	506660	21.112	ug/l	98
67) m/p-Xylenes	11.62	106	340592	40.466	ug/l	99
68) o-Xylene	11.95	106	166128	19.822	ug/l	92
69) Styrene	11.96	104	265033	19.730	ug/l	100
70) Isopropylbenzene	12.25	105	477960	20.792	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.51	83	127540	21.086	ug/l	98
72) 1,2,3-Trichloropropane	12.55	75	124485m	21.884	ug/l	
73) Bromobenzene	12.53	156	97248	19.963	ug/l	96
74) n-propylbenzene	12.59	91	526101	20.674	ug/l	100
75) 2-Chlorotoluene	12.68	91	320521	20.119	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	397258	20.816	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	34497	19.867	ug/l	87
78) 4-Chlorotoluene	12.78	91	301951	19.949	ug/l	99
79) tert-butylbenzene	12.99	119	335190	20.451	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	379381	21.158	ug/l	99
81) sec-Butylbenzene	13.17	105	432424	20.473	ug/l	100
82) p-Isopropyltoluene	13.29	119	365778	20.389	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	147330	20.194	ug/l	99
84) 1,4-Dichlorobenzene	13.37	146	134272	19.495	ug/l	99
85) n-Butylbenzene	13.62	91	337821	21.424	ug/l	99
86) Hexachloroethane	13.88	117	67621	20.830	ug/l	96
87) 1,2-Dichlorobenzene	13.66	146	135402	20.116	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	14.27	75	16440	18.540	ug/l	98
89) 1,2,4-Trichlorobenzene	14.91	180	38412	16.470	ug/l	95
90) Hexachlorobutadiene	15.01	225	59426	22.973	ug/l	99
91) Naphthalene	15.13	128	88080	14.541	ug/l	97
92) 1,2,3-Trichlorobenzene	15.30	180	34700	15.312	ug/l	97

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QLast Update : Wed Sep 04 02:08:50 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

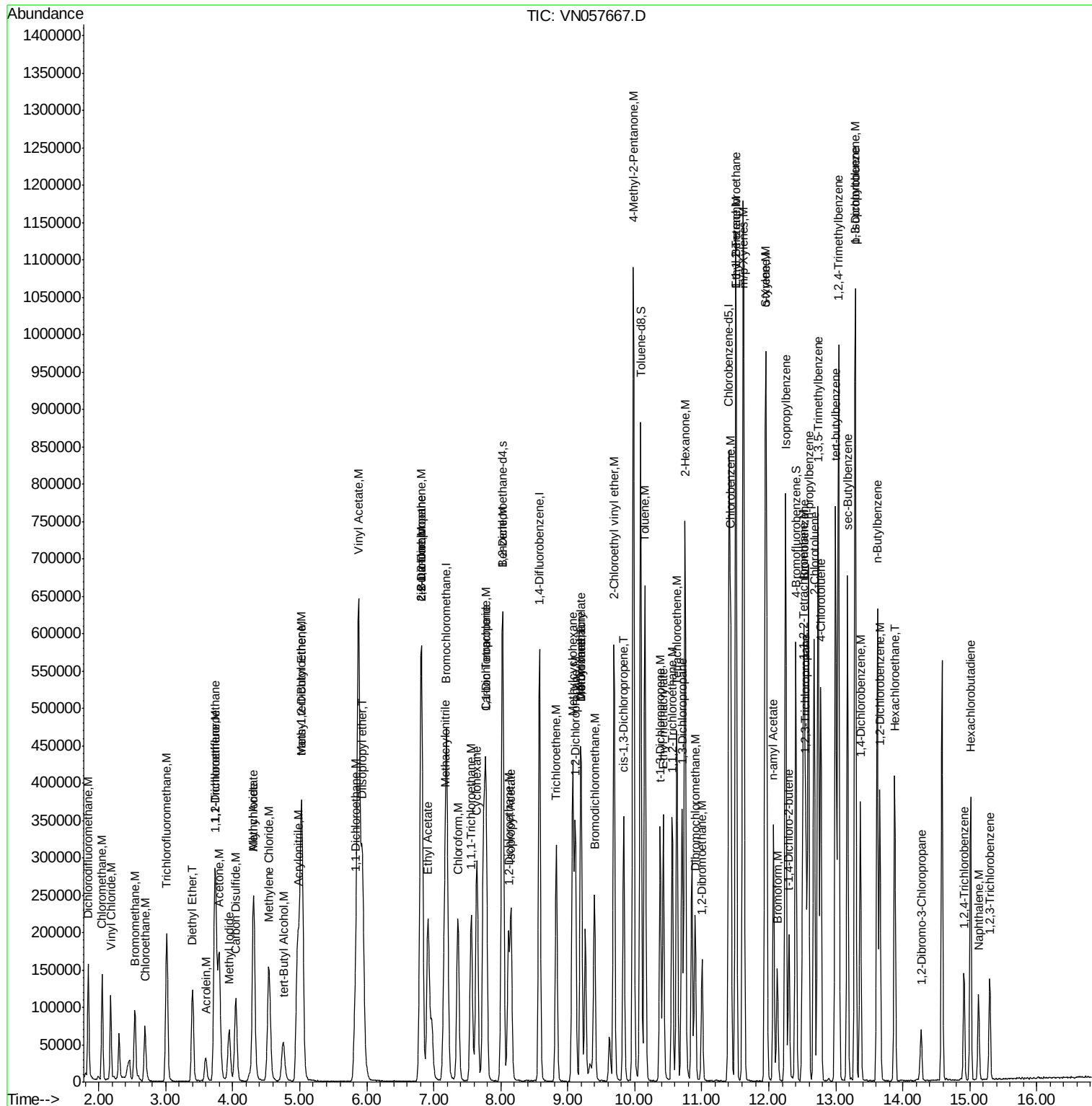
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090319\
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 ALS Vial : 10 Sample Multiplier: 1

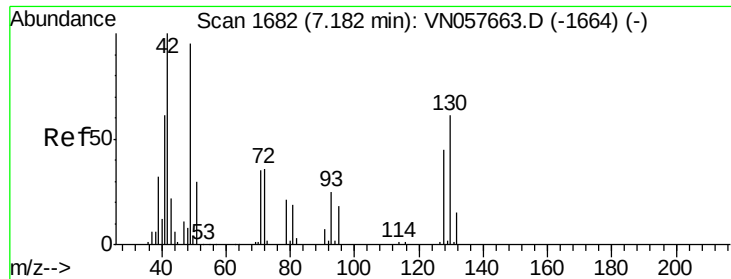
Instrument :
 MSVOA_N
 Client Sampled :
 ICVVN090319

Manual Integrations
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN057667.D

Acq: 3 Sep 2019 17:05

Instrument :

MSVOA_N

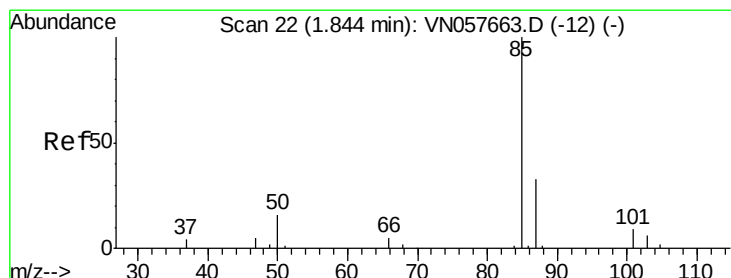
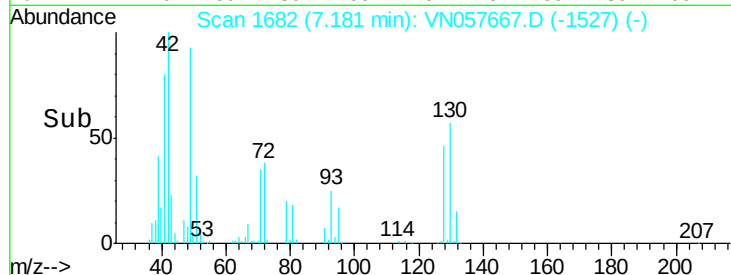
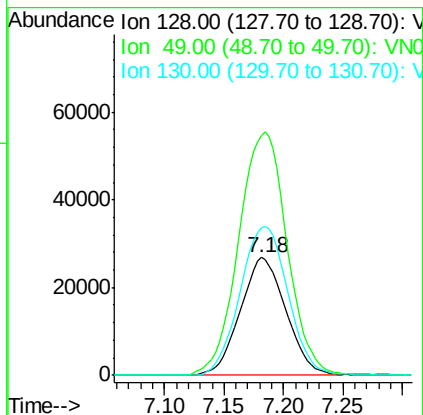
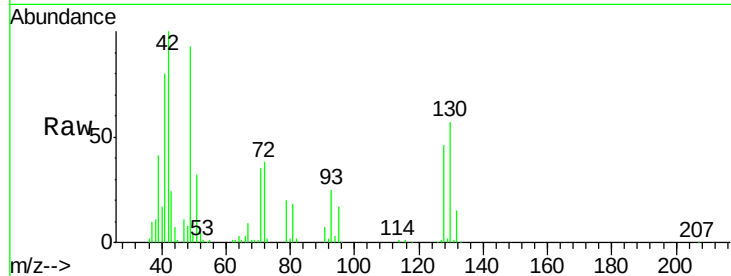
ClientSampleId :

ICVVN090319

Tot Ion:	128	Resp:	71509
Ion	Ratio	Lower	Upper
128	100		
49	218.1	0.0	544.5
130	132.4	0.0	324.7

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 22.077 ug/l

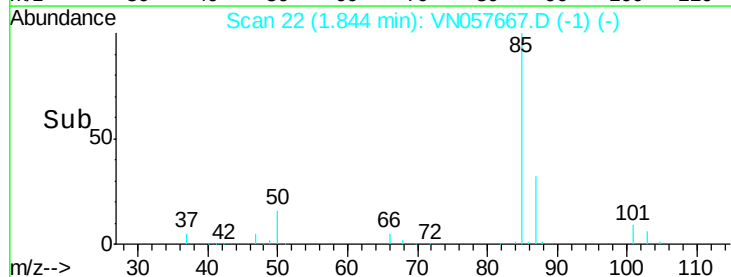
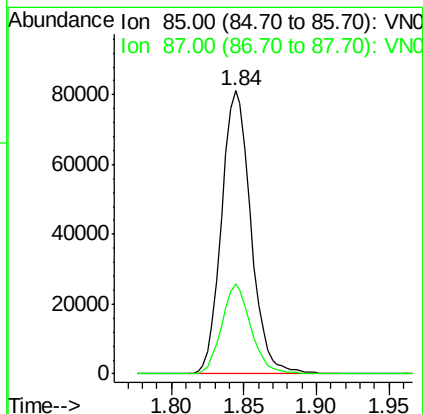
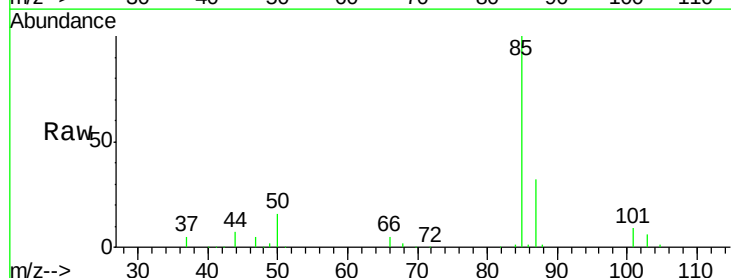
RT: 1.84 min Scan# 22

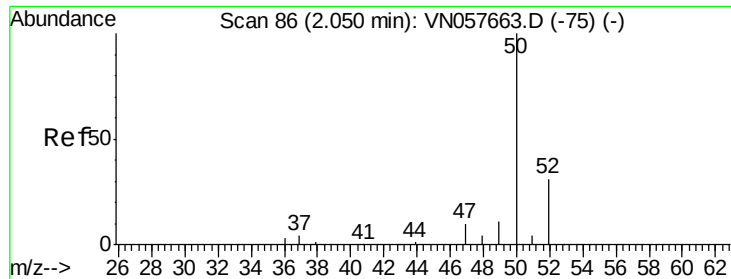
Delta R.T. -0.00 min

Lab File: VN057667.D

Acq: 3 Sep 2019 17:05

Tgt Ion:	85	Resp:	113736
Ion	Ratio	Lower	Upper
85	100		
87	31.8	16.6	49.7





#3

Chloromethane

Concen: 21.408 ug/l

RT: 2.05 min Scan# 86

Delta R.T. -0.00 min

Lab File: VN057667.D

Acq: 3 Sep 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090319

Tot Ion: 50 Resp: 116311

Ion Ratio Lower Upper

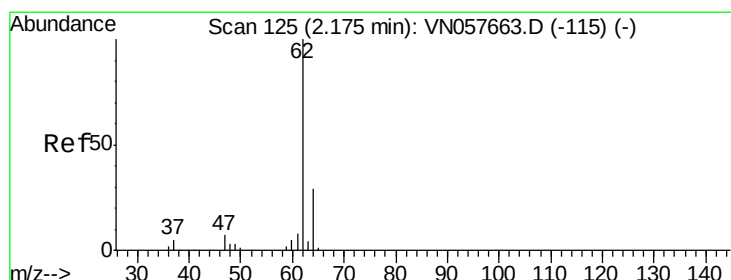
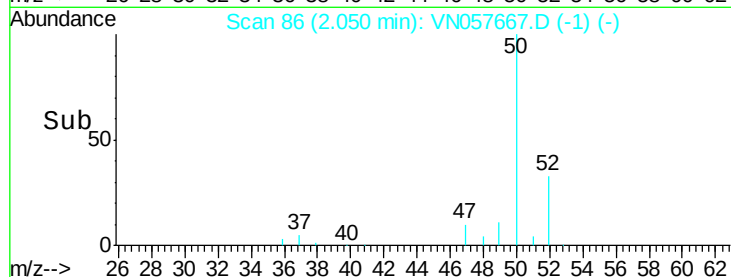
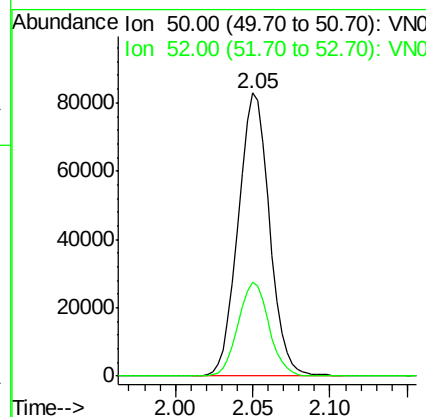
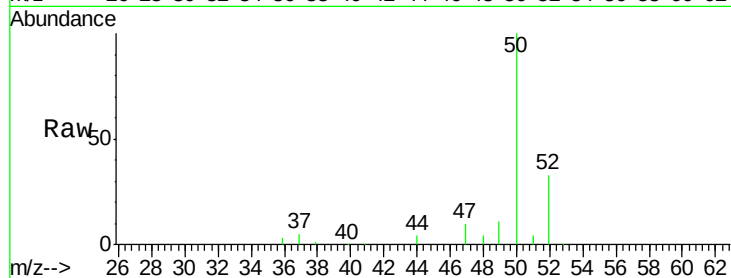
50 100

52 33.0 25.2 37.8

Manual Integrations
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#4

Vinyl Chloride

Concen: 21.407 ug/l

RT: 2.18 min Scan# 126

Delta R.T. 0.00 min

Lab File: VN057667.D

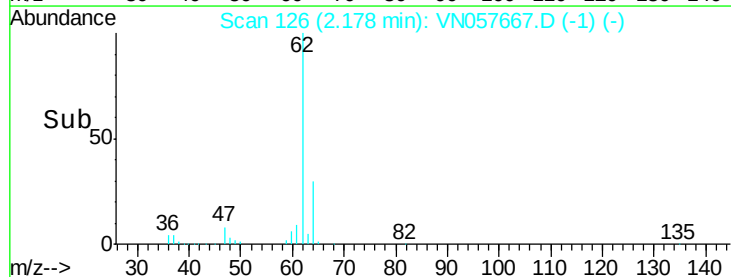
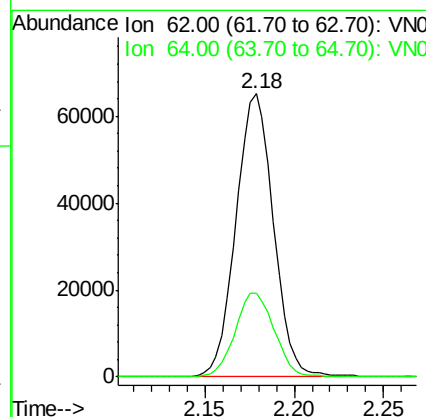
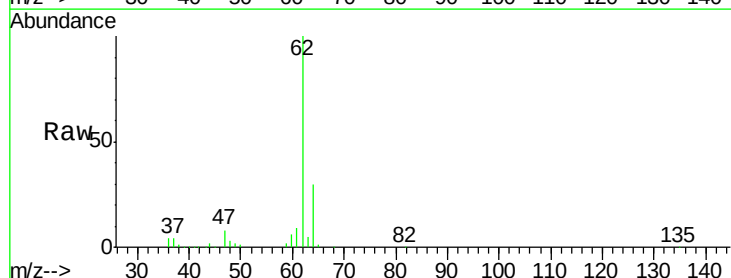
Acq: 3 Sep 2019 17:05

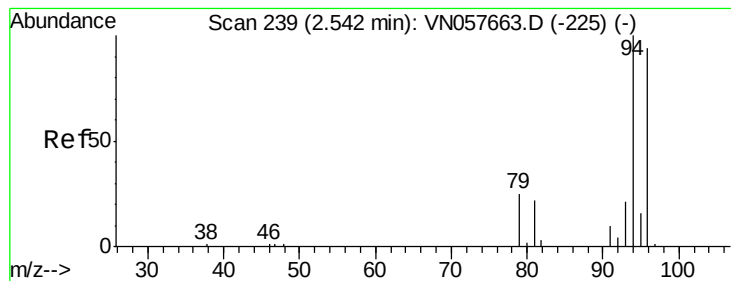
Tgt Ion: 62 Resp: 95106

Ion Ratio Lower Upper

62 100

64 29.6 23.2 34.8





#5

Bromomethane

Concen: 22.932 ug/l m

RT: 2.54 min Scan# 238

Delta R.T. -0.00 min

Lab File: VN057667.D

Acq: 3 Sep 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090319

Tot Ion: 94 Resp: 65134

Ion Ratio Lower Upper

94 100

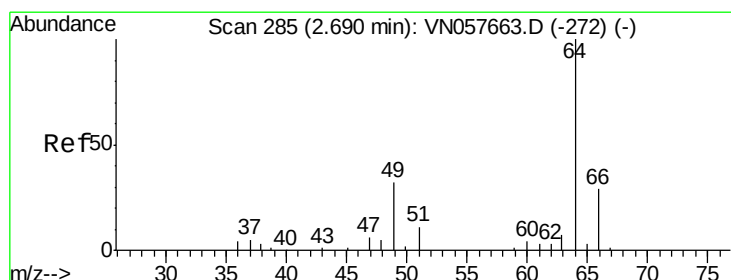
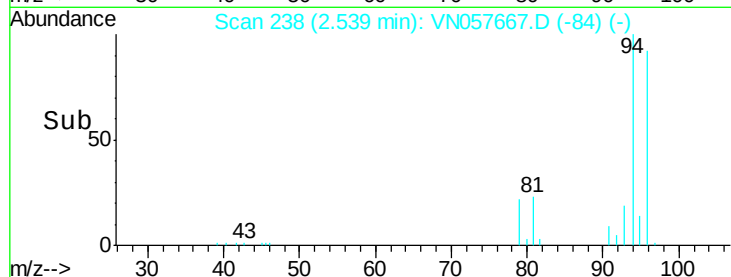
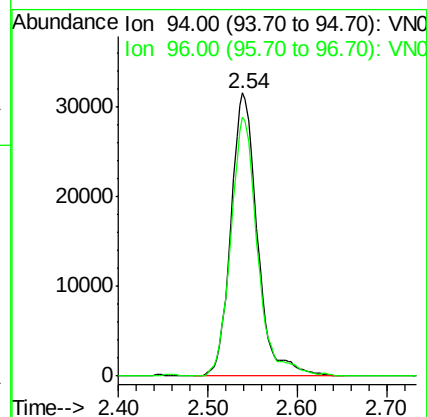
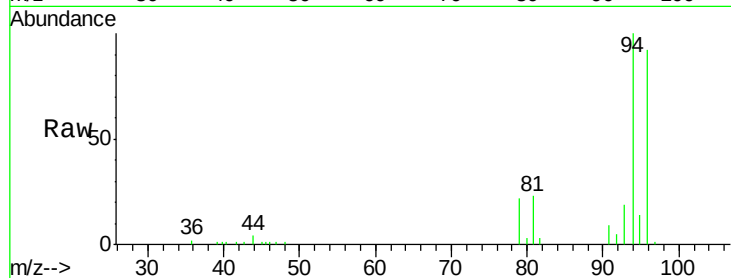
96 91.5 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 20.306 ug/l

RT: 2.69 min Scan# 285

Delta R.T. -0.00 min

Lab File: VN057667.D

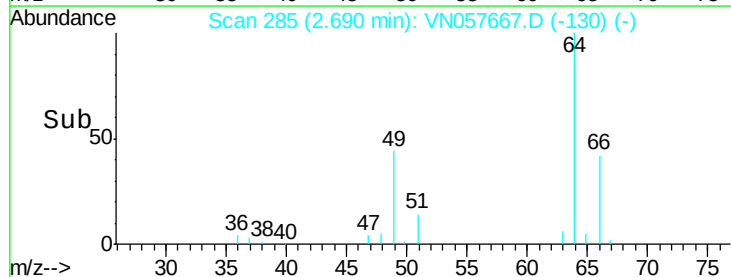
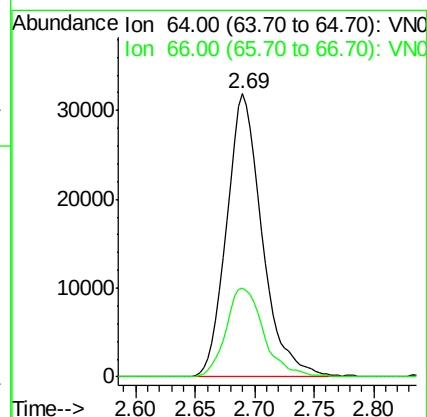
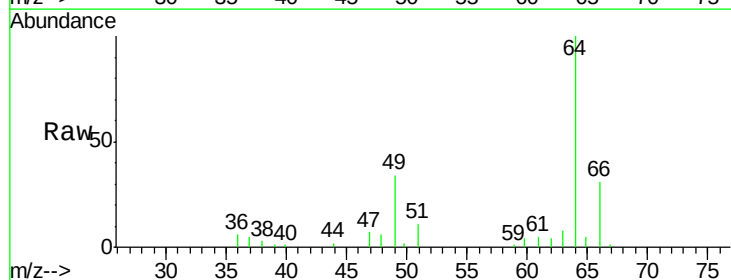
Acq: 3 Sep 2019 17:05

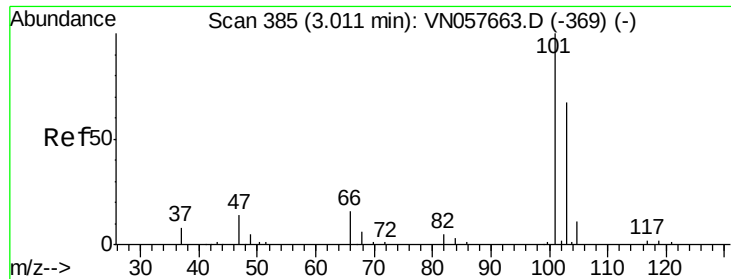
Tgt Ion: 64 Resp: 65877

Ion Ratio Lower Upper

64 100

66 31.2 23.5 35.3





#7

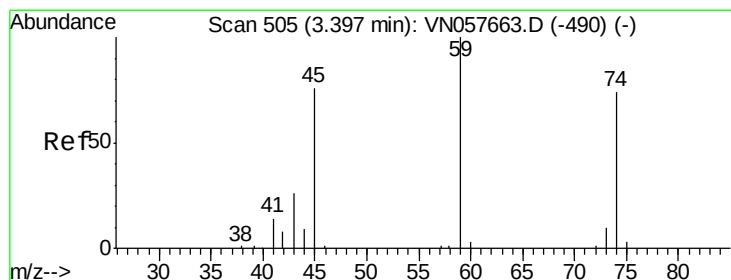
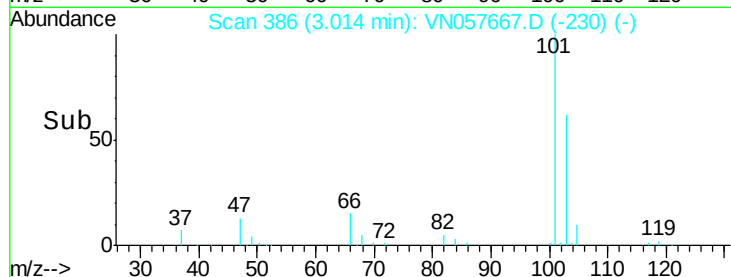
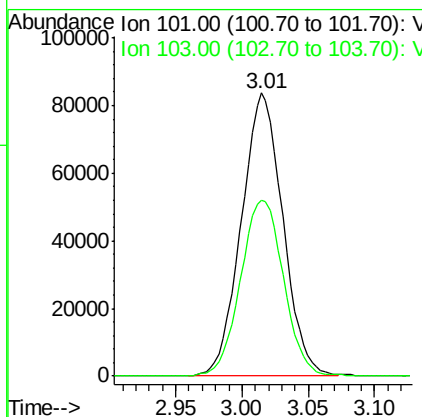
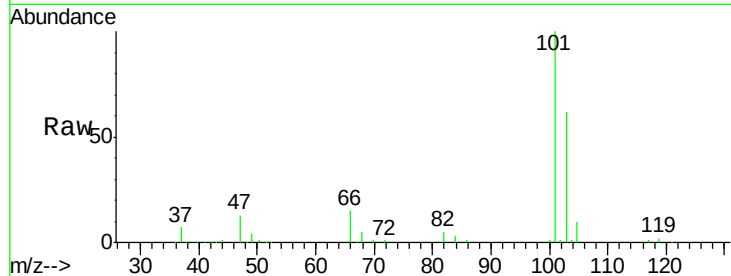
Trichlorofluoromethane
Concen: 21.421 ug/l
RT: 3.01 min Scan# 386
Delta R.T. 0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Instrument :
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ClientSampleId :
ICVVN090319

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	53.6	80.4

Manual Integrations
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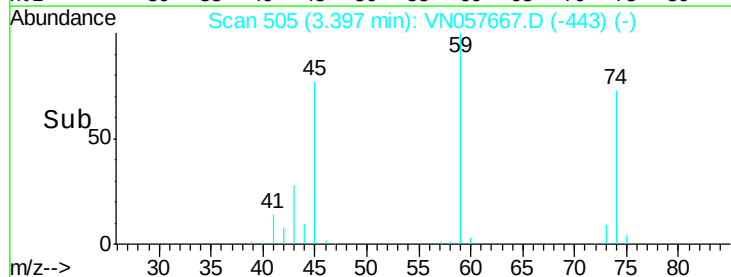
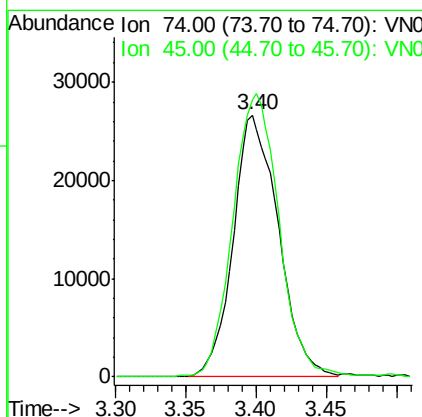
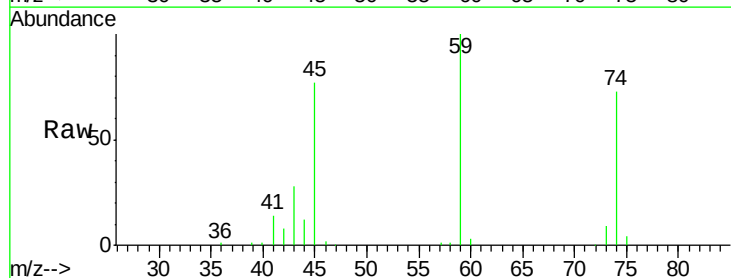
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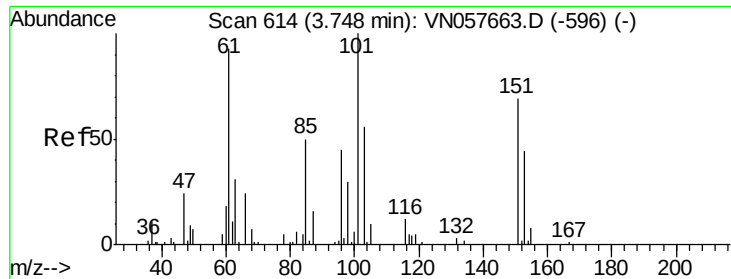


#8

Diethyl Ether
Concen: 21.359 ug/l
RT: 3.40 min Scan# 505
Delta R.T. -0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.3	22.9	205.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.987 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.01 min

Lab File: VN057667.D

Acq: 3 Sep 2019 17:05

Instrument :

MSVOA_N

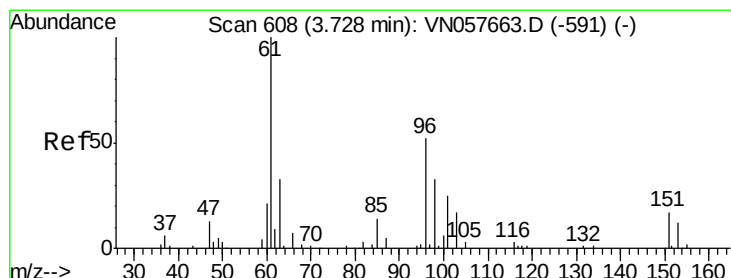
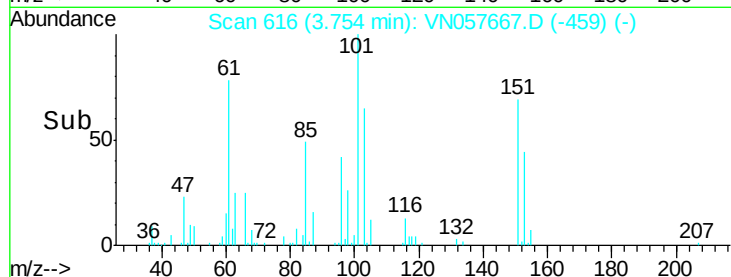
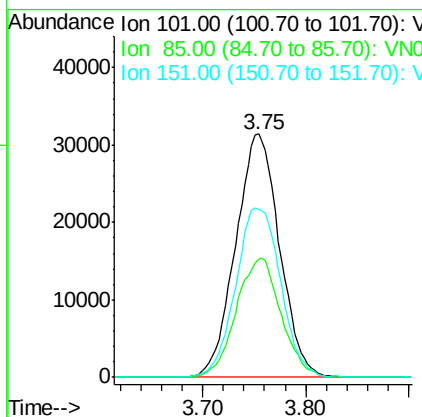
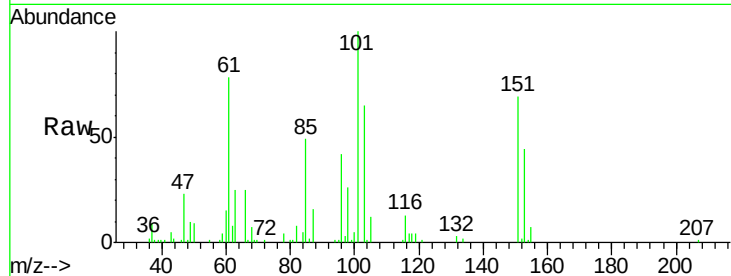
ClientSampled :

ICVVN090319

Tot Ion:	101	Resp:	92805
Ion Ratio	Lower	Upper	
101	100		
85	49.9	0.0	100.2
151	71.5	0.0	140.6

Manual Integrations
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MMDadoda
9/5/2019 3:21:23 PM



#10

1,1-Dichloroethene

Concen: 21.553 ug/l

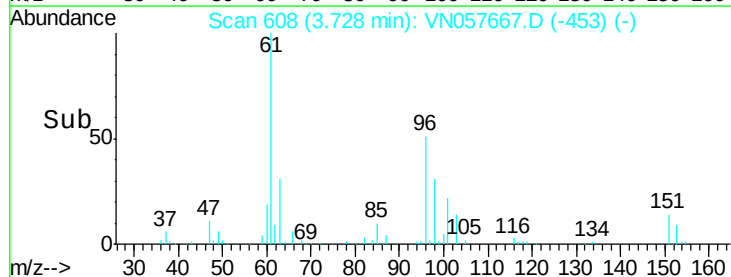
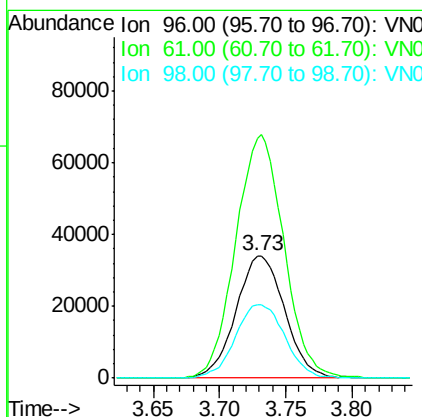
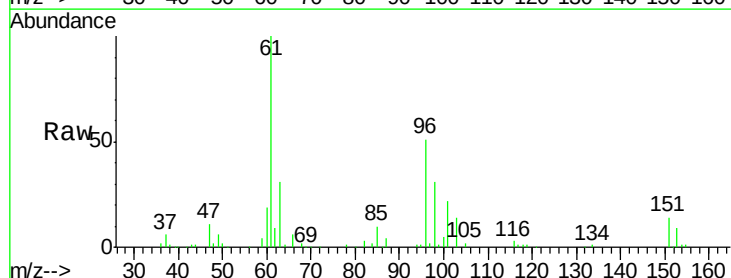
RT: 3.73 min Scan# 608

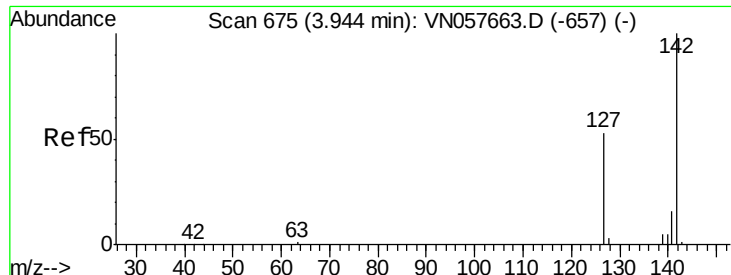
Delta R.T. -0.00 min

Lab File: VN057667.D

Acq: 3 Sep 2019 17:05

Tgt Ion:	96	Resp:	86949
Ion Ratio	Lower	Upper	
96	100		
61	194.2	152.9	229.3
98	60.1	51.0	76.4





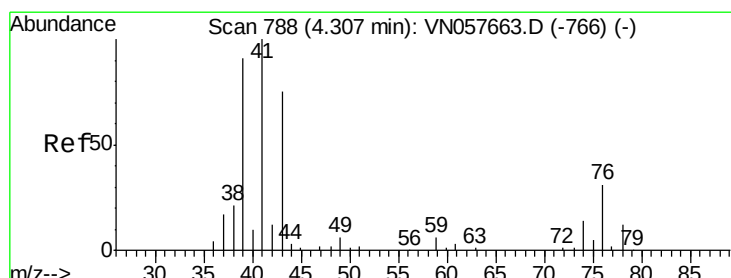
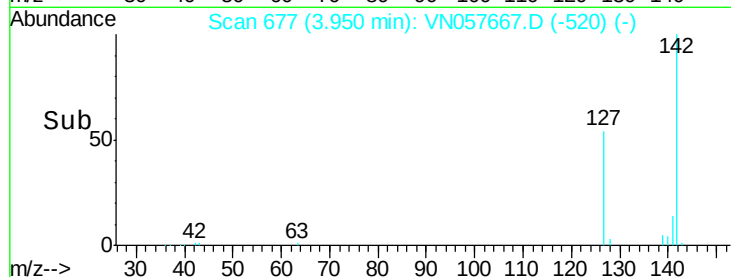
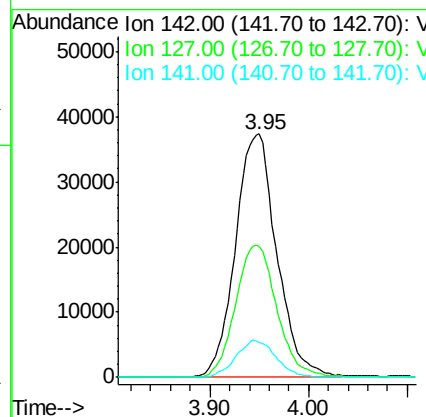
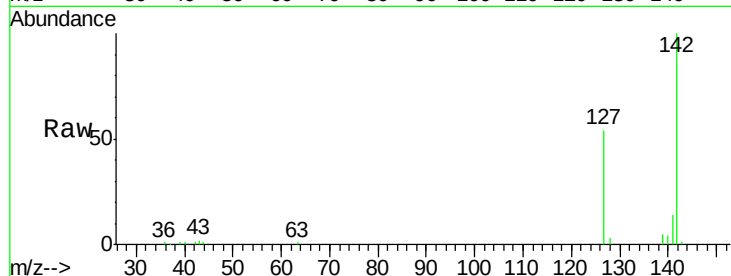
#11
Methvl Iodide
Concen: 19.459 ug/l
RT: 3.95 min Scan# 677
Delta R.T. 0.01 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090319

Tot Ion	Ratio	Lower	Upper
142	100		
127	53.7	26.2	78.5
141	14.2	7.6	22.9

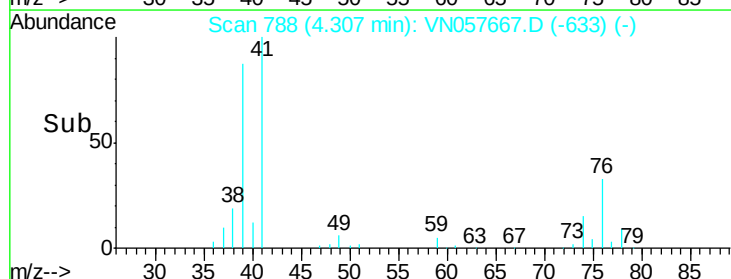
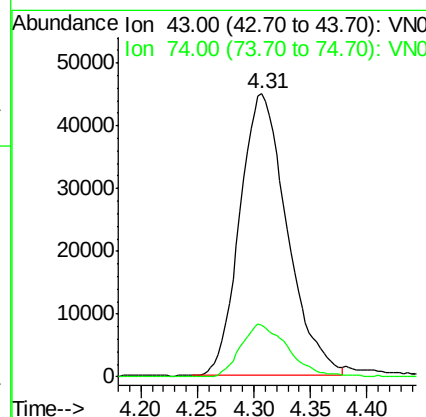
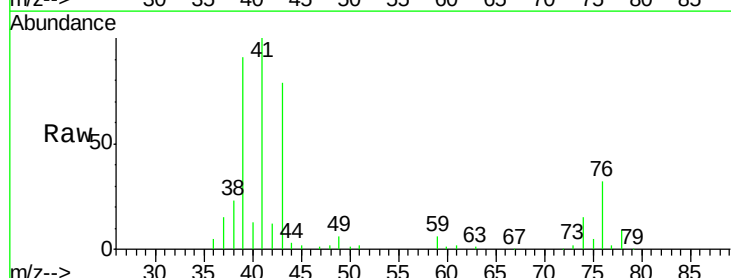
Manual Integrations
APPROVED

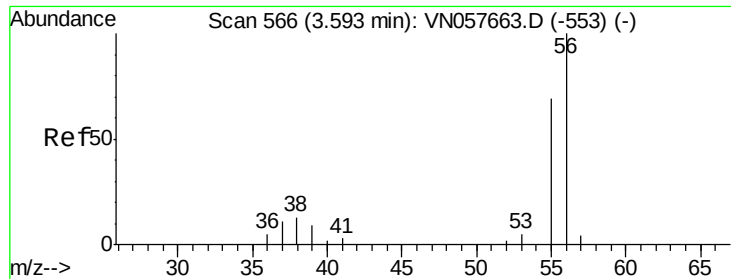
MMDadoda
9/5/2019 3:21:23 PM



#12
Methyl Acetate
Concen: 21.689 ug/l
RT: 4.31 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	18.5	14.6	22.0





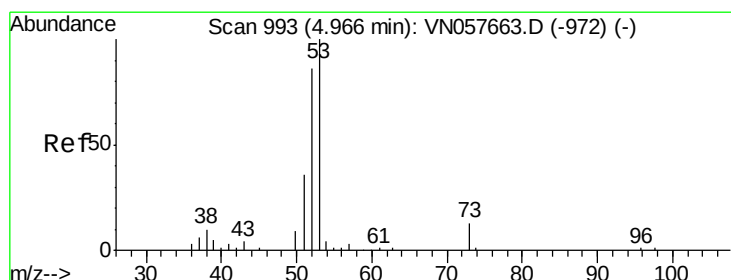
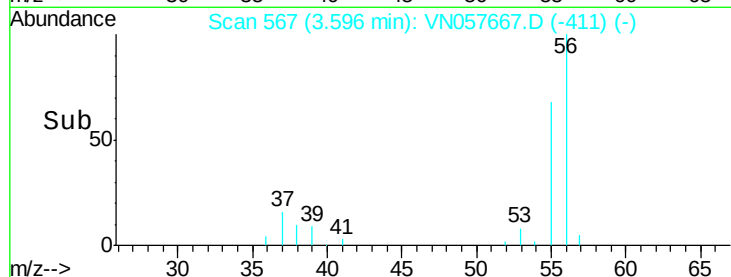
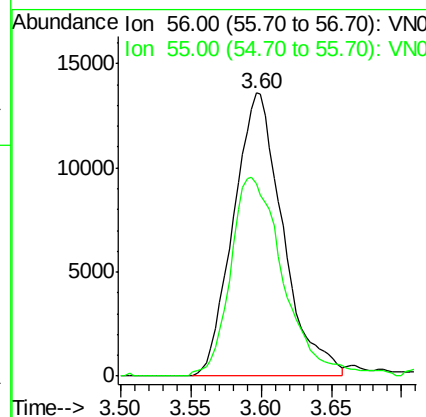
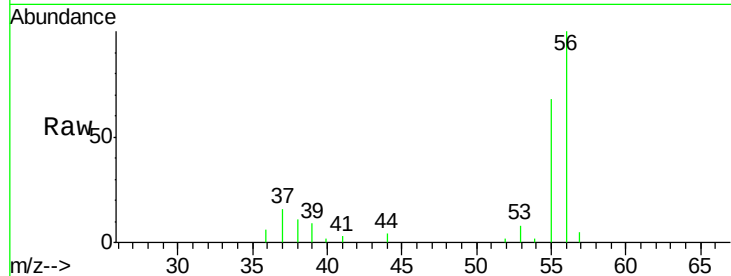
#13
Acrolein
Concen: 97.582 ug/l
RT: 3.60 min Scan# 567
Delta R.T. 0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090319

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100				
55	74.4	54.2	81.4		

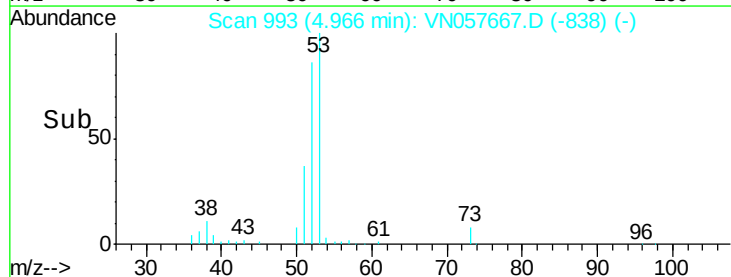
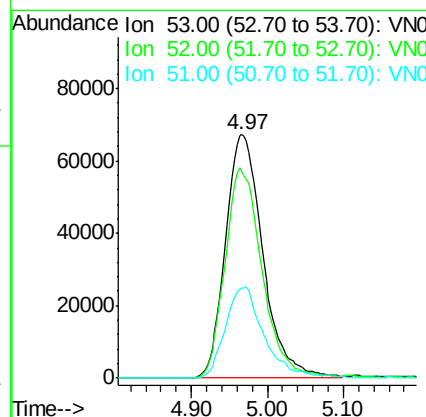
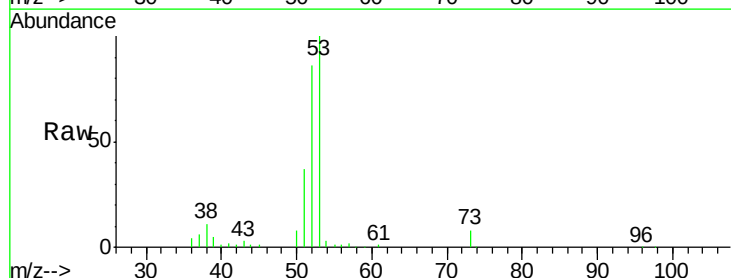
Manual Integrations
APPROVED

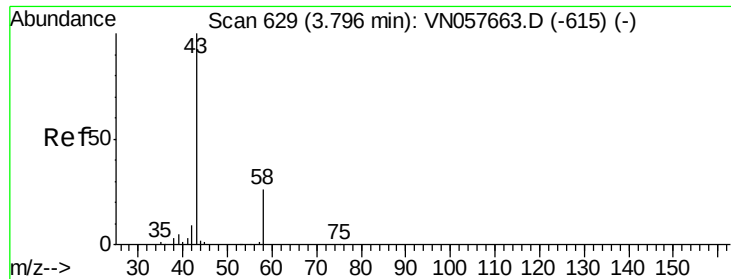
MMDadoda
9/5/2019 3:21:23 PM



#14
Acrylonitrile
Concen: 104.519 ug/l
RT: 4.97 min Scan# 993
Delta R.T. -0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
53	100				
52	85.8	41.9	125.7		
51	38.5	19.4	58.2		





#15

Acetone

Concen: 112.623 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057667.D

Acq: 3 Sep 2019 17:05

Instrument :

MSVOA_N

ClientSampled :

ICV090319

Tot Ion: 58 Resp: 69252

Ion Ratio Lower Upper

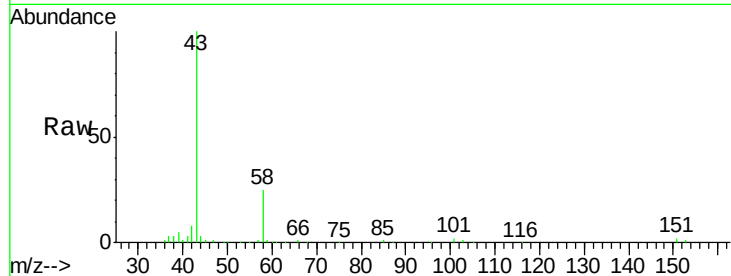
58 100

43 391.9 308.8 463.2

Manual Integrations
APPROVED

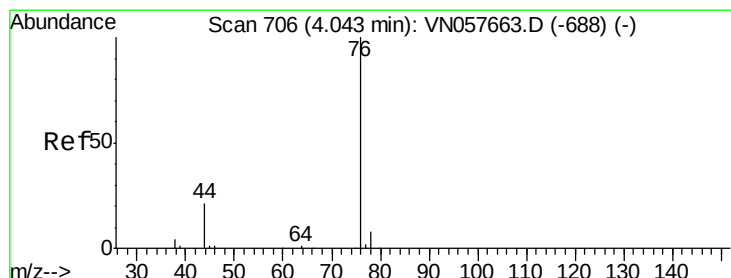
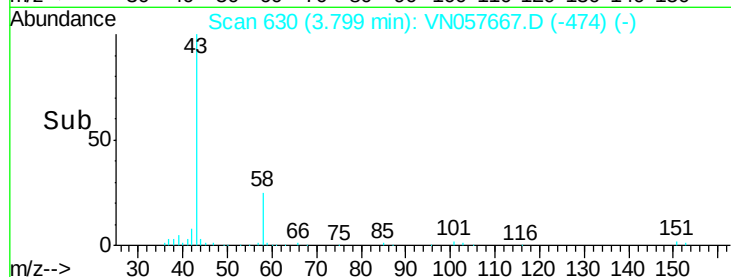
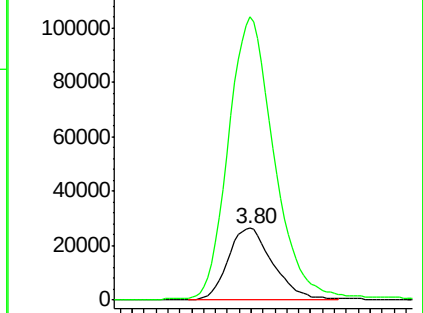
MMDadoda

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Abundance Ion 58.00 (57.70 to 58.70): VN057667.D (-474) (-)

Ion 43.00 (42.70 to 43.70): VN057667.D (-474) (-)



#16

Carbon Disulfide

Concen: 20.757 ug/l

RT: 4.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN057667.D

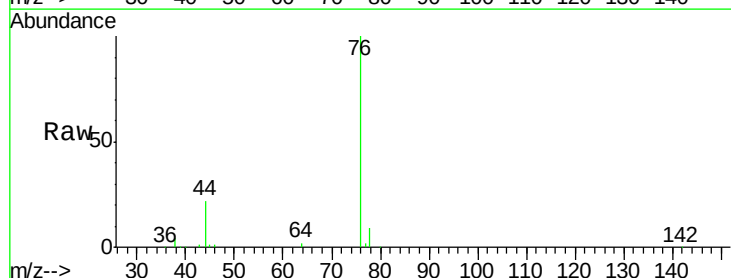
Acq: 3 Sep 2019 17:05

Tgt Ion: 76 Resp: 210356

Ion Ratio Lower Upper

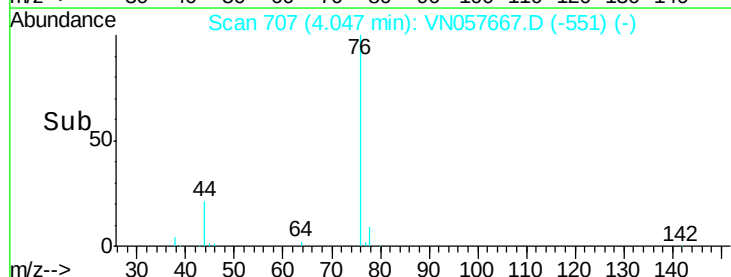
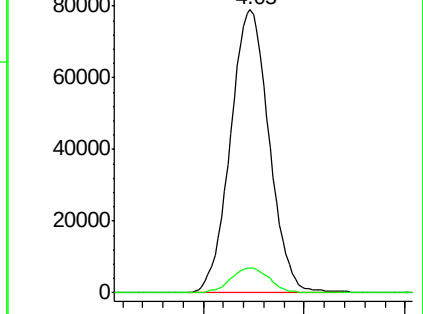
76 100

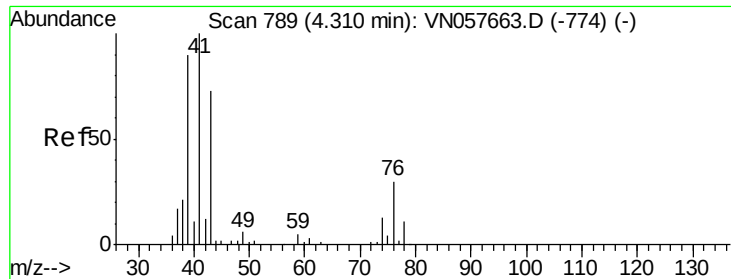
78 8.8 6.8 10.2



Abundance Ion 76.00 (75.70 to 76.70): VN057667.D (-551) (-)

Ion 78.00 (77.70 to 78.70): VN057667.D (-551) (-)





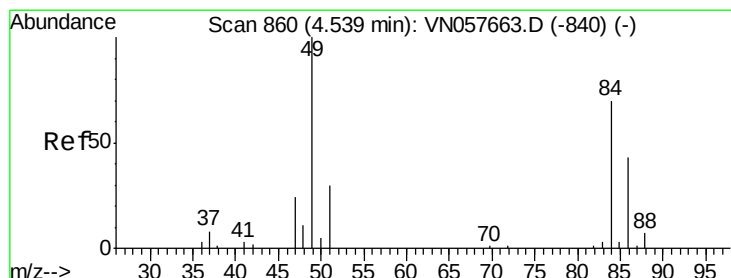
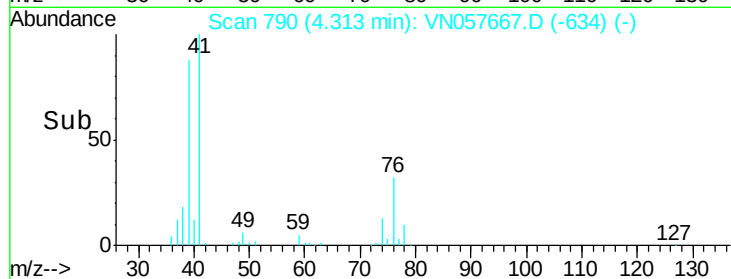
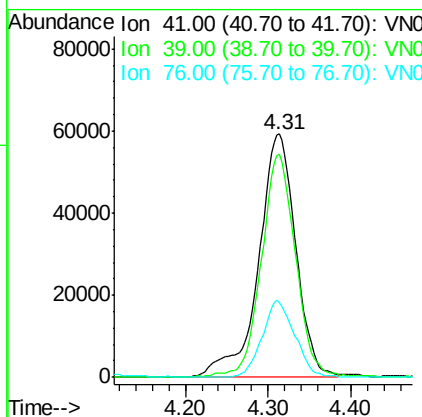
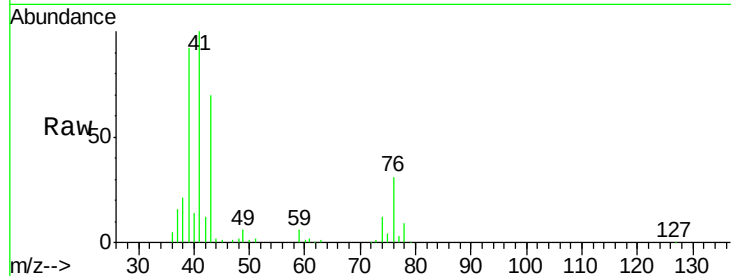
#17
Allvl chloride
Concen: 21.528 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090319

Tot Ion:	41	Resp:	185485
Ion	Ratio	Lower	Upper
41	100		
39	91.7	43.0	128.8
76	30.5	14.2	42.8

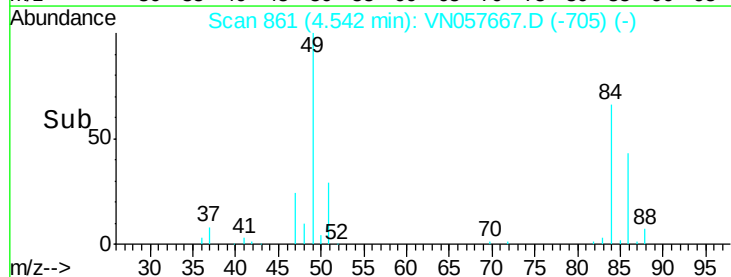
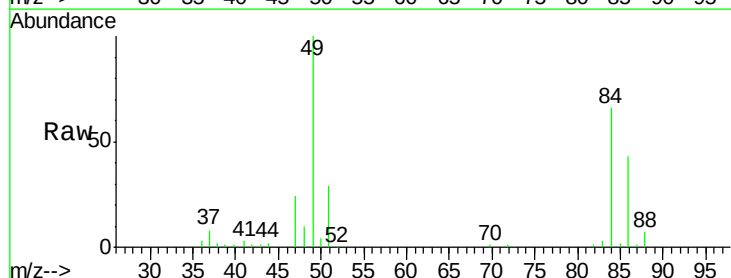
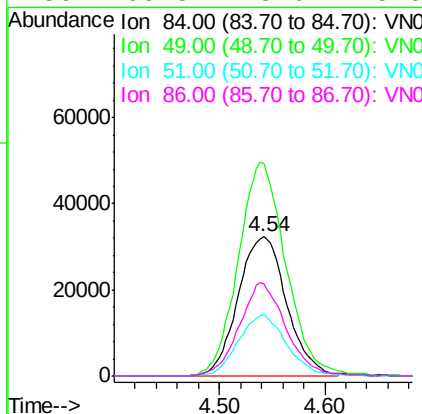
Manual Integrations
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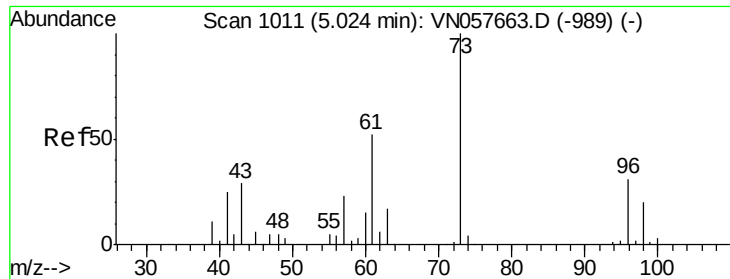
MMDadoda
9/5/2019 3:21:23 PM



#18
Methylene Chloride
Concen: 20.463 ug/l
RT: 4.54 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Tgt Ion:	84	Resp:	103449
Ion	Ratio	Lower	Upper
84	100		
49	152.6	113.7	170.5
51	44.1	34.5	51.7
86	65.8	48.6	73.0





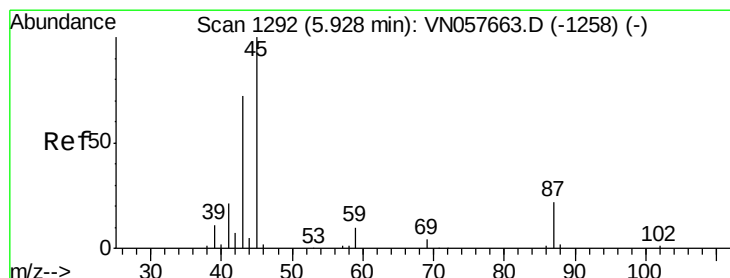
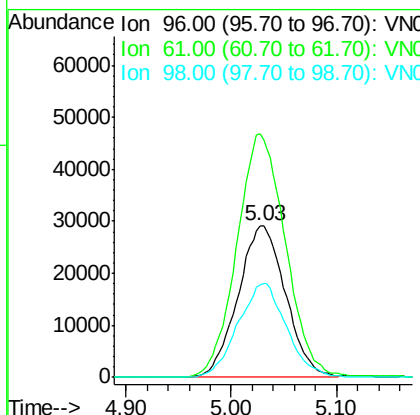
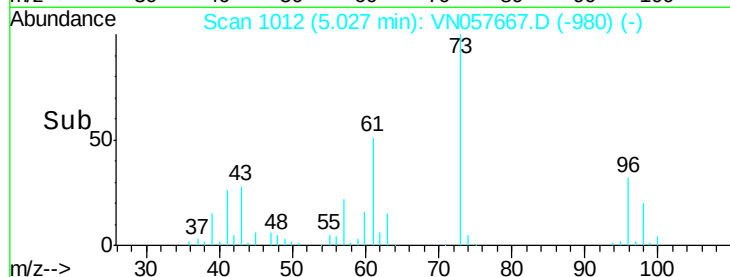
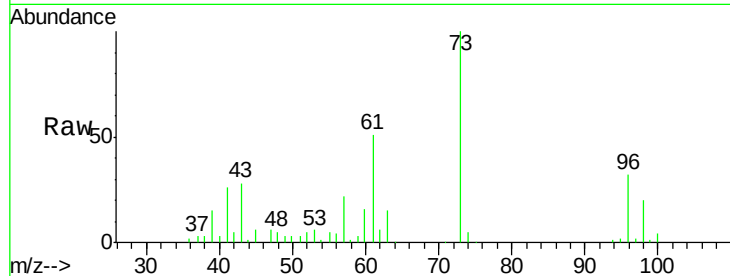
#19
trans-1,2-Dichloroethene
Concen: 21.418 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090319

Tot Ion	Ratio	Lower	Upper
96	100		
61	160.0	133.4	200.0
98	61.2	50.4	75.6

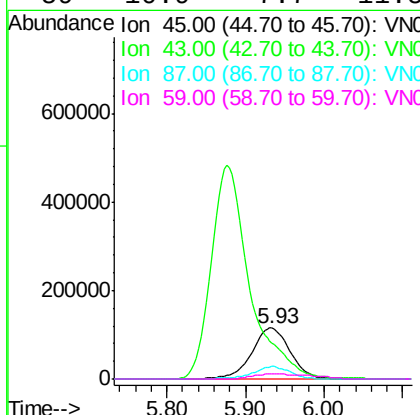
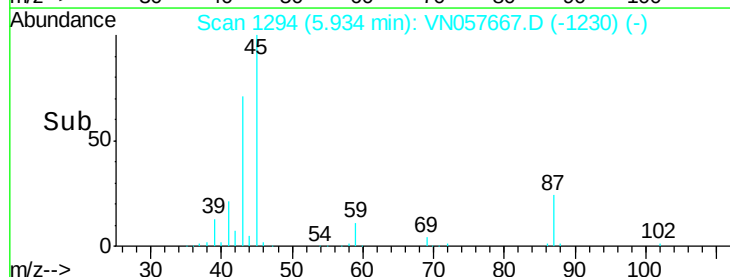
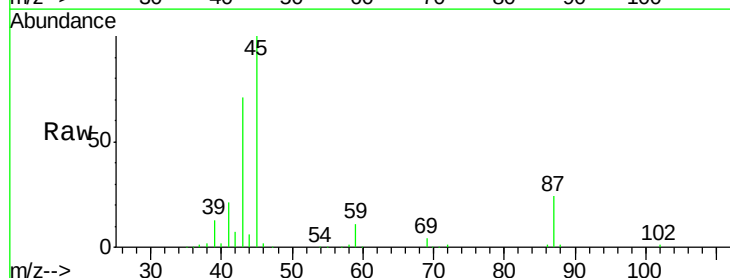
Manual Integrations
APPROVED

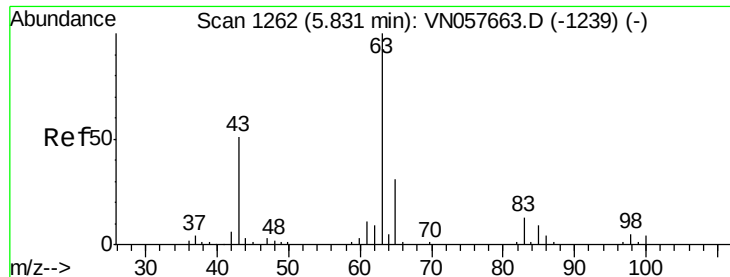
MMDadoda
9/5/2019 3:21:23 PM



#20
Diisopropyl ether
Concen: 21.354 ug/l
RT: 5.93 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Tgt Ion	Ratio	Lower	Upper
45	100		
43	68.6	58.3	87.5
87	24.2	18.5	27.7
59	10.9	7.7	11.5





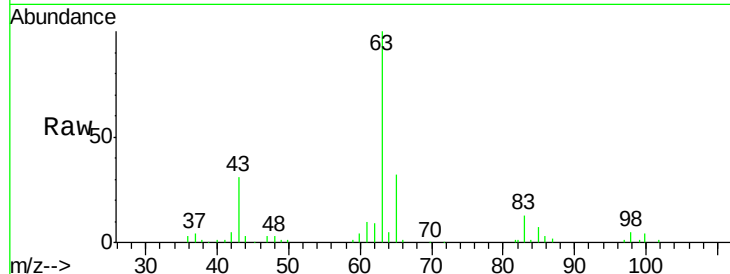
#21
 1,1-Dichloroethane
 Concen: 21.125 ug/l
 RT: 5.83 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN057667.D
 Acq: 3 Sep 2019 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090319

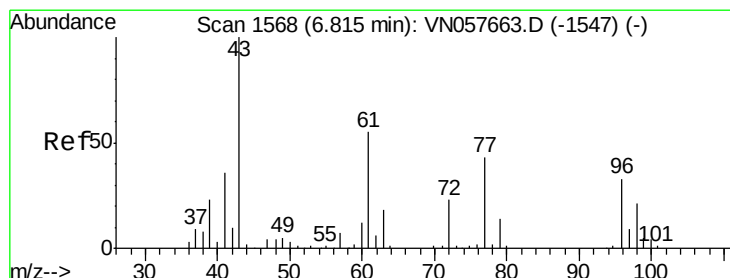
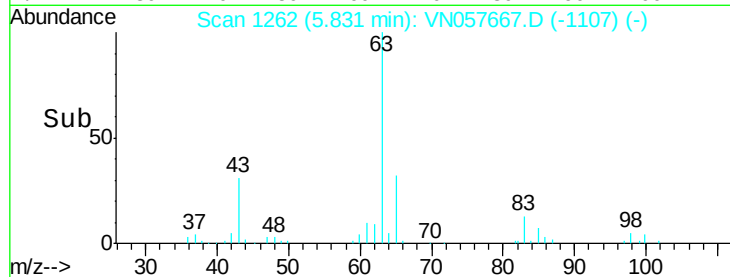
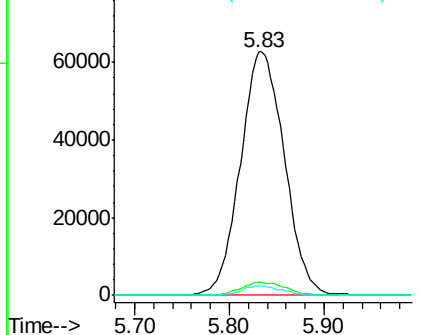
Tot Ion	Ratio	Resp	Lower	Upper
63	100	202159		
98	5.5	2.6	7.8	
100	4.1	1.8	5.5	

Manual Integrations
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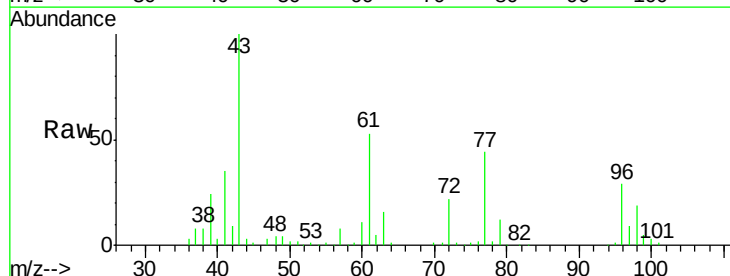


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

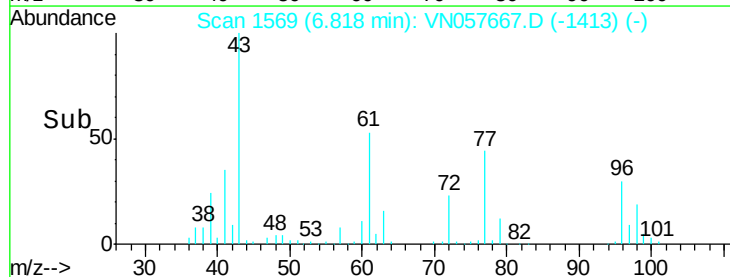
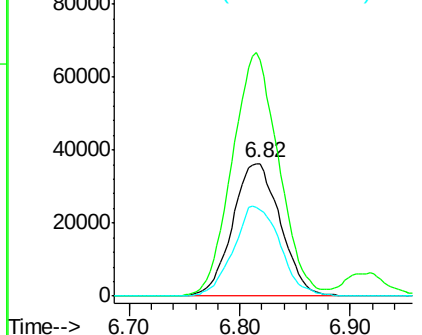


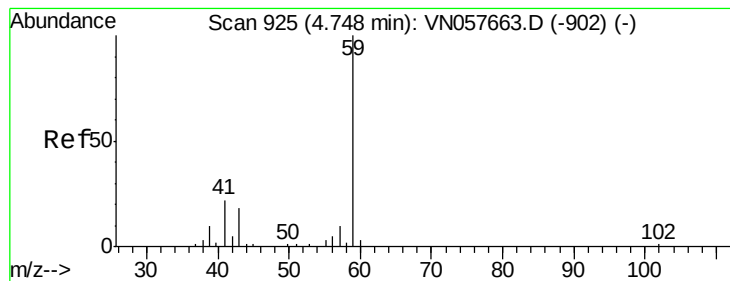
#22
 cis-1,2-Dichloroethene
 Concen: 20.900 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN057667.D
 Acq: 3 Sep 2019 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	108937		
61	179.5	137.2	205.8	
98	66.3	50.5	75.7	



Abundance Ion 96.00 (95.70 to 96.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0





#23

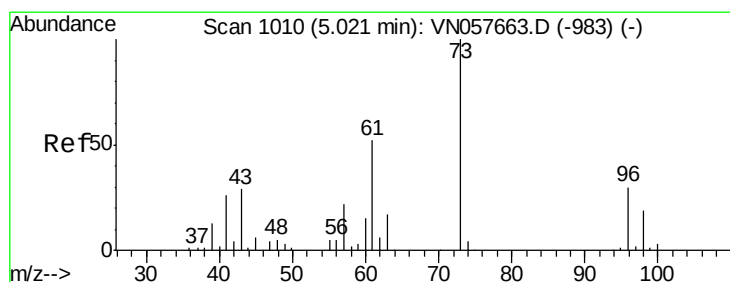
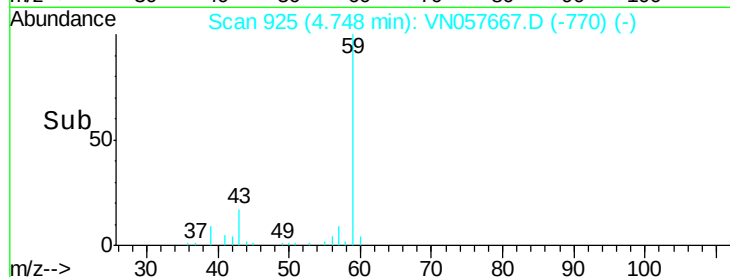
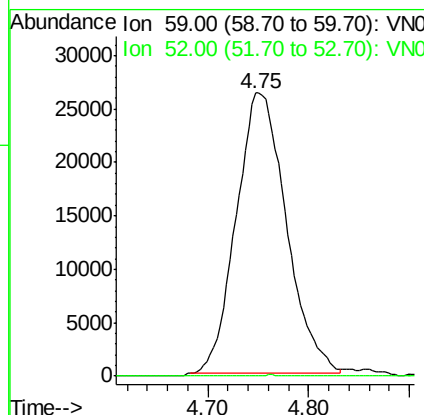
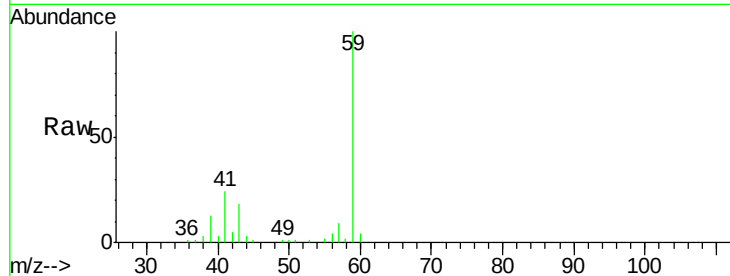
tert-Butyl Alcohol
 Concen: 113.630 ug/l
 RT: 4.75 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: VN057667.D
 Acq: 3 Sep 2019 17:05

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN090319

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.0	0.0#

Manual Integrations
 APPROVED

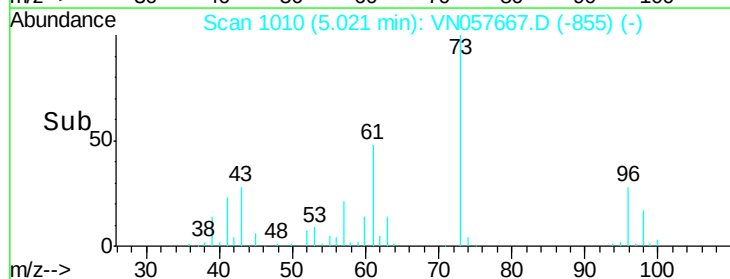
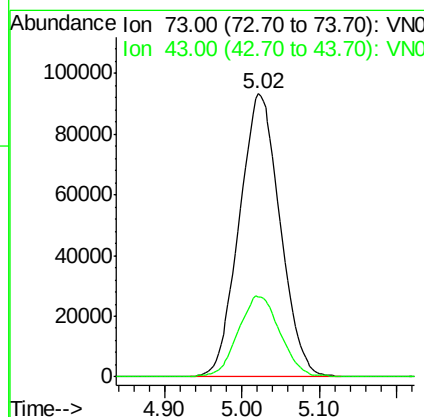
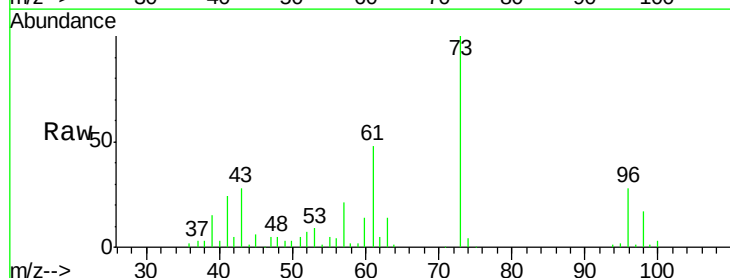
MMDadoda
 9/5/2019 3:21:23 PM

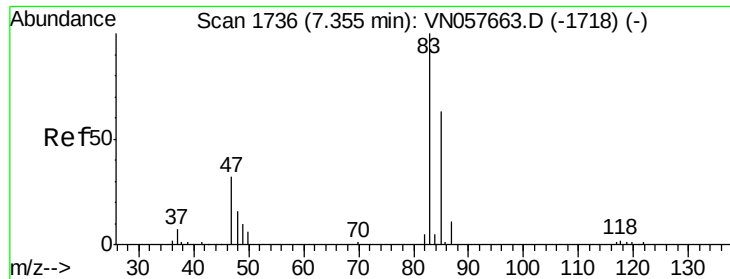


#24

Methyl tert-Butyl Ether
 Concen: 21.363 ug/l
 RT: 5.02 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: VN057667.D
 Acq: 3 Sep 2019 17:05

Tgt Ion	Ratio	Lower	Upper
73	100		
43	28.8	23.2	34.8





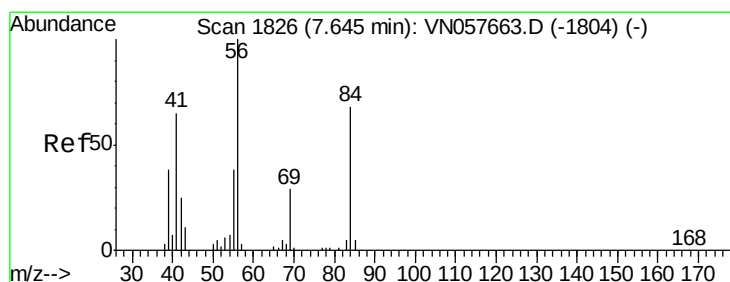
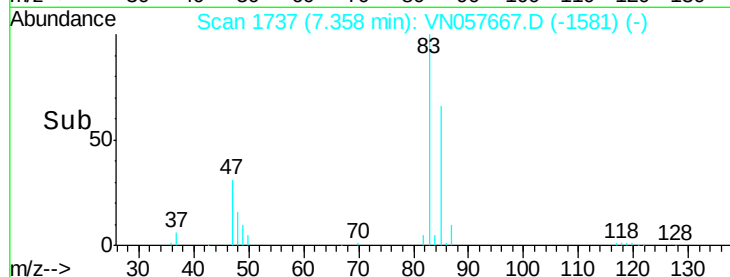
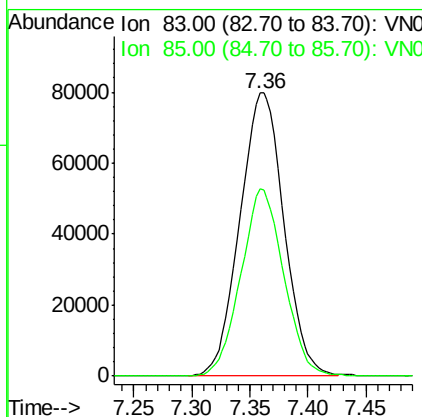
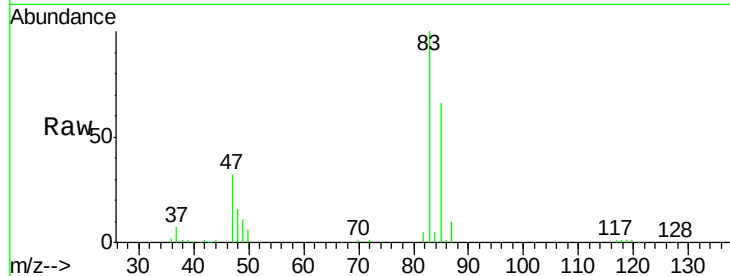
#25
Chloroform
Concen: 21.242 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090319

Tot Ion	83	Resp	210715
Ion Ratio	100	Lower	Upper
83	100		
85	66.3	50.8	76.2

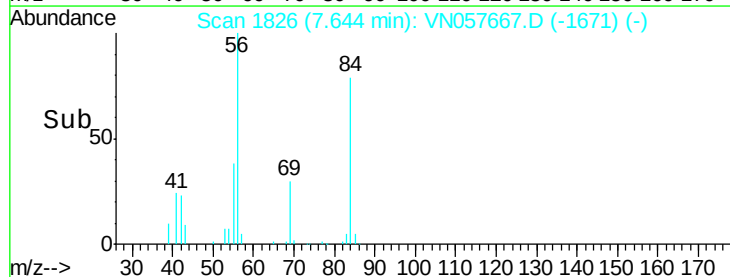
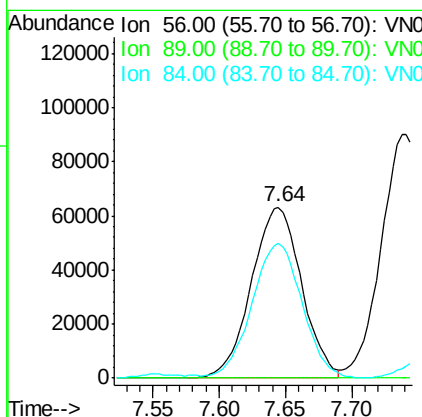
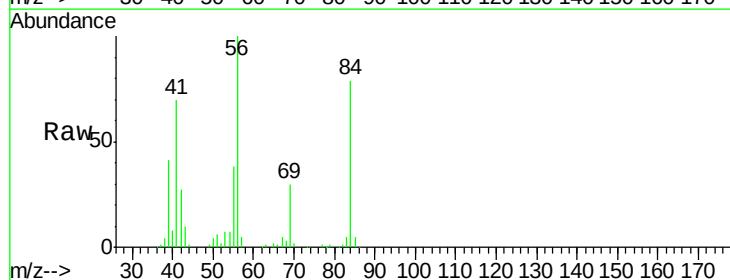
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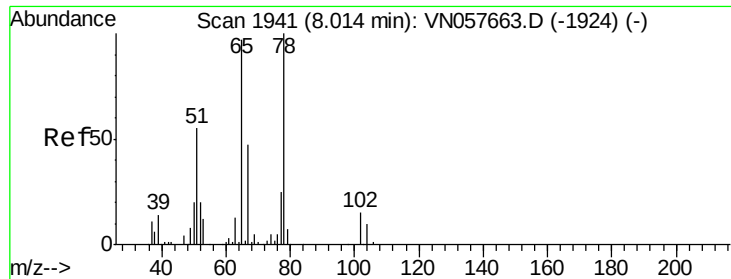
MMDadoda
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#26
Cyclohexane
Concen: 20.489 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Tgt Ion	56	Resp	166958
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	79.2	60.4	90.6





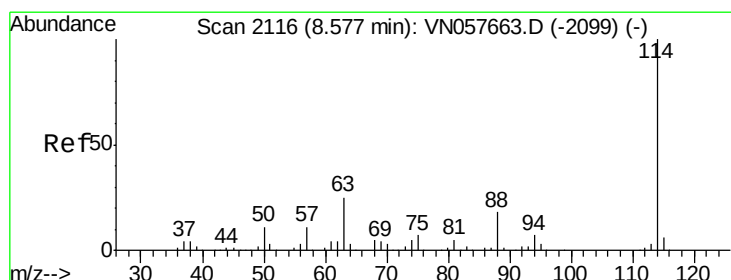
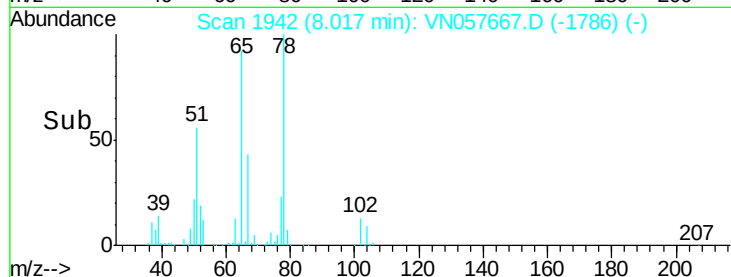
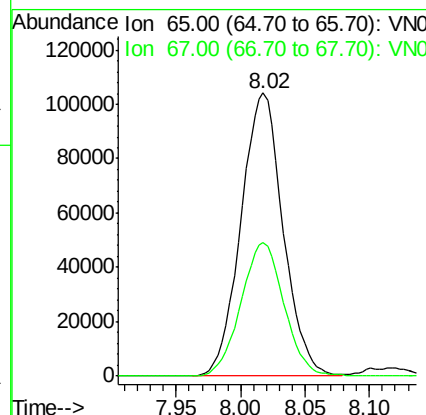
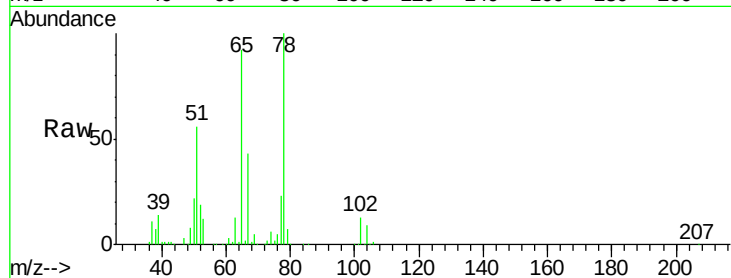
#27
 1,2-Dichloroethane-d4
 Concen: 31.160 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057667.D
 Acq: 3 Sep 2019 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090319

Tot Ion	Ratio	Lower	Upper
65	100		
67	48.4	38.6	57.8

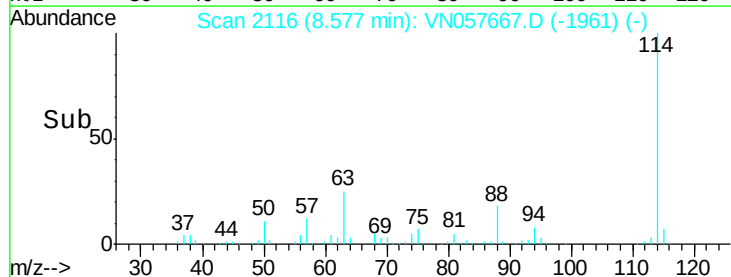
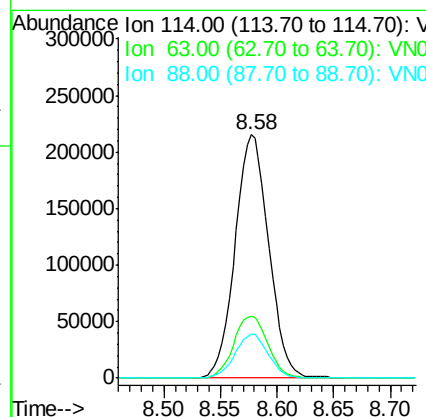
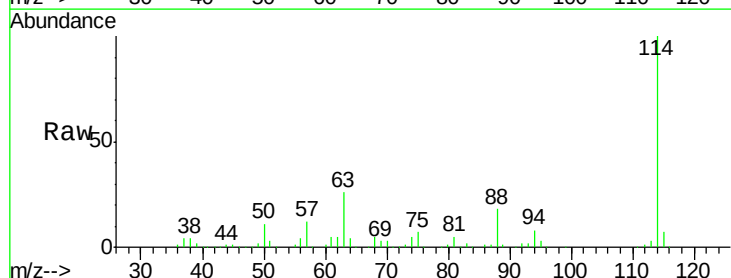
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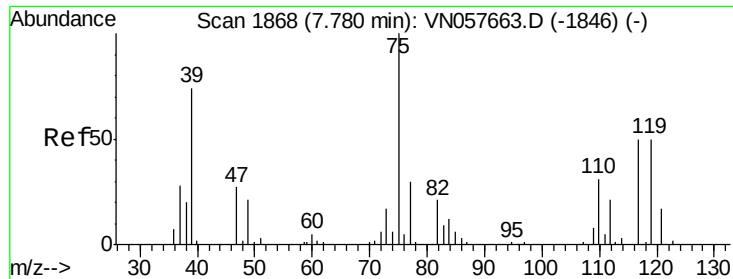
MMDadoda
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: VN057667.D
 Acq: 3 Sep 2019 17:05

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.8	20.6	30.8
88	17.9	14.3	21.5





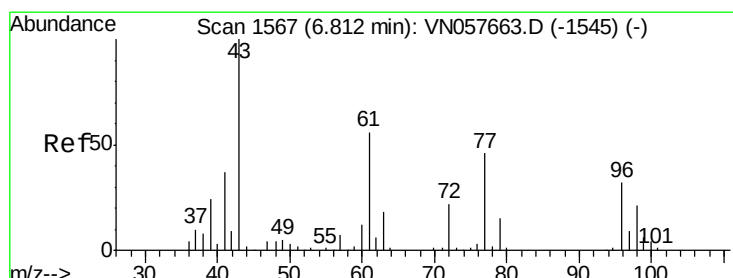
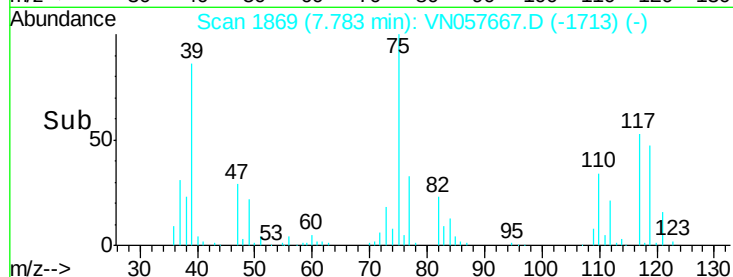
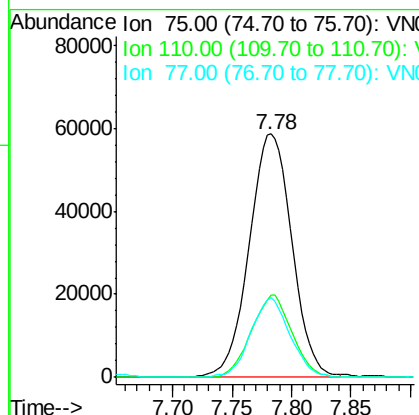
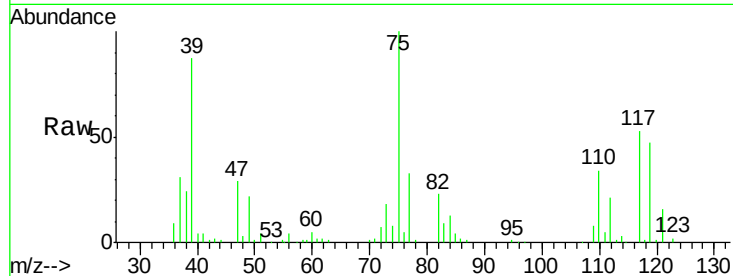
#29
 1,1-Dichloropropene
 Concen: 20.504 ug/l
 RT: 7.78 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VN057667.D
 Acq: 3 Sep 2019 17:05

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN090319

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	32.0	0.0	62.8
77	30.2	0.0	57.8

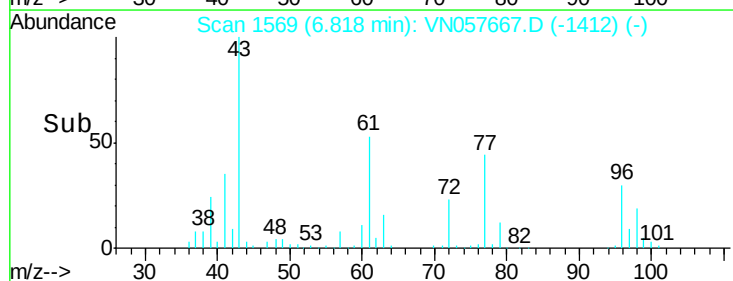
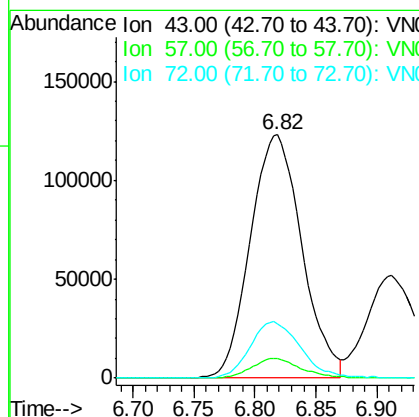
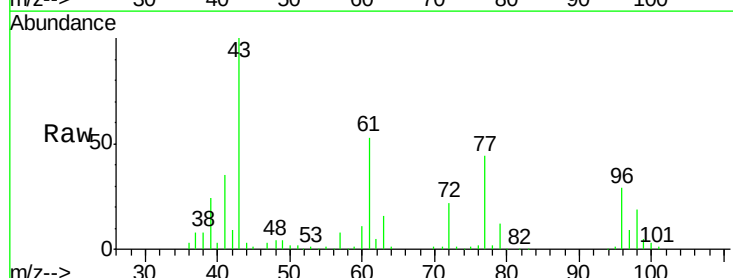
Manual Integrations
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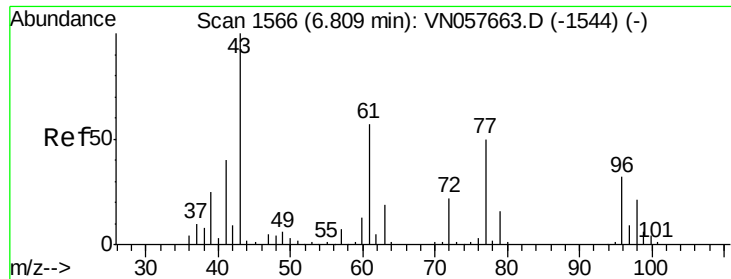
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#30
 2-Butanone
 Concen: 106.582 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VN057667.D
 Acq: 3 Sep 2019 17:05

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.8	2.6	3.8#
72	22.7	18.1	27.1





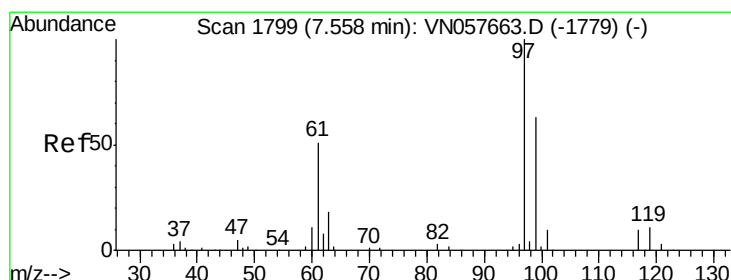
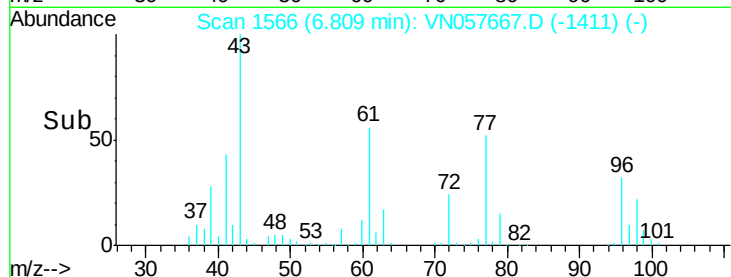
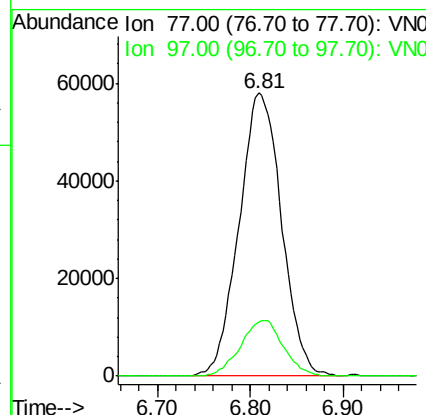
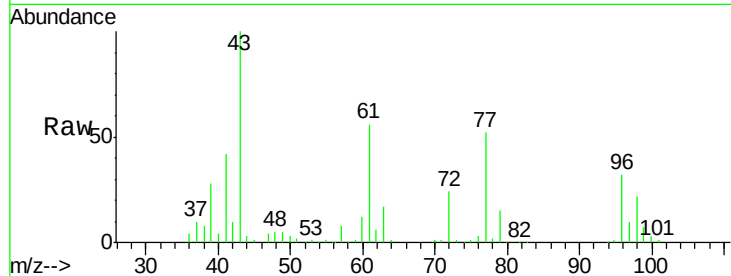
#31
 2,2-Dichloropropane
 Concen: 20.965 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: VN057667.D
 Acq: 3 Sep 2019 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090319

Tot Ion	Ratio	Resp	Lower	Upper
77	100	184768		
97	19.8	8.8	13.2#	

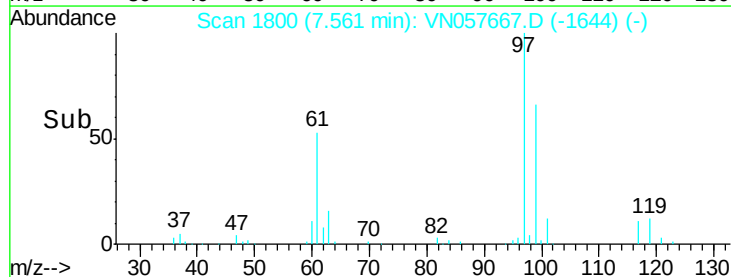
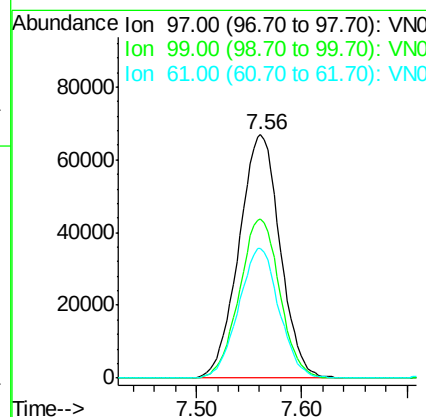
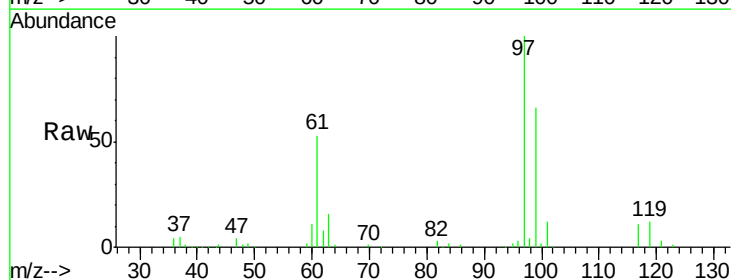
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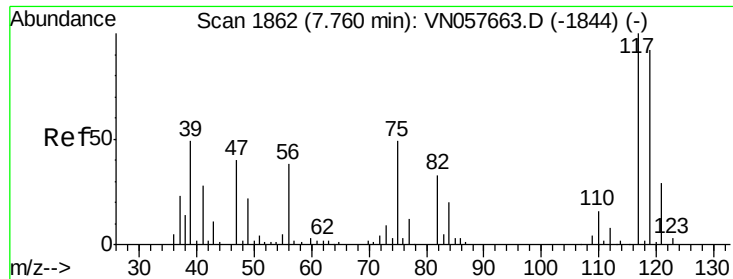
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#32
 1,1,1-Trichloroethane
 Concen: 20.617 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: VN057667.D
 Acq: 3 Sep 2019 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	181764		
99	63.9	51.9	77.9	
61	52.1	41.4	62.0	





#33

Carbon Tetrachloride

Concen: 20.798 ug/l

RT: 7.77 min Scan# 1864

Delta R.T. 0.01 min

Lab File: VN057667.D

Acq: 3 Sep 2019 17:05

Instrument :

MSVOA_N

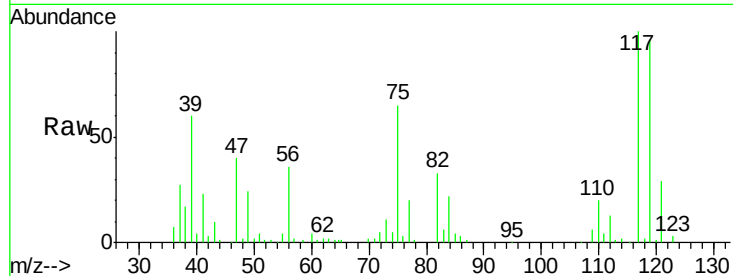
ClientSampled :

ICVVN090319

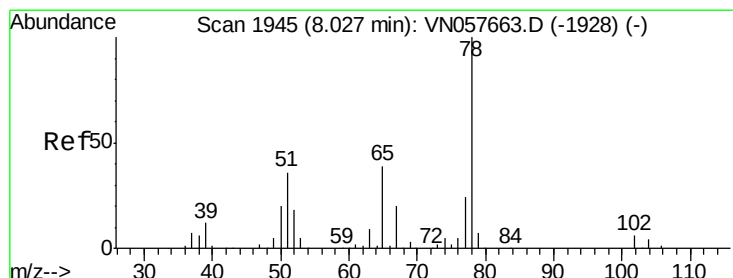
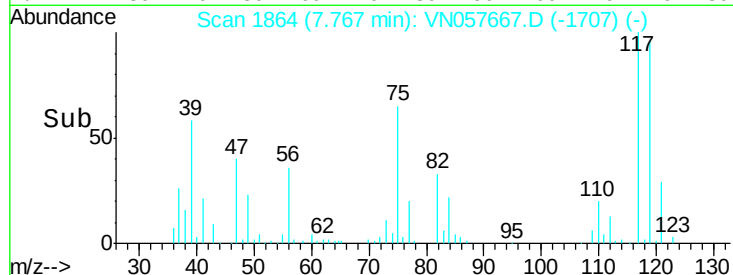
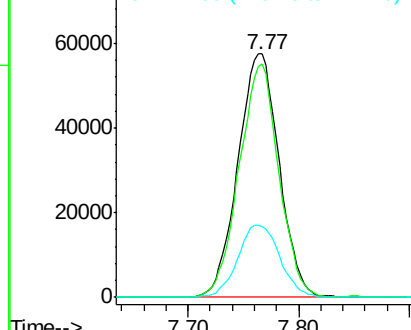
Tot Ion:	117	Resp:	148899
Ion Ratio	Lower	Upper	
117	100		
119	95.8	73.3	109.9
121	29.1	23.3	34.9

Manual Integrations
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Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 20.360 ug/l

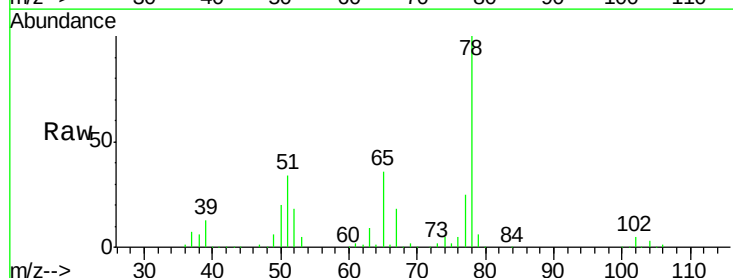
RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

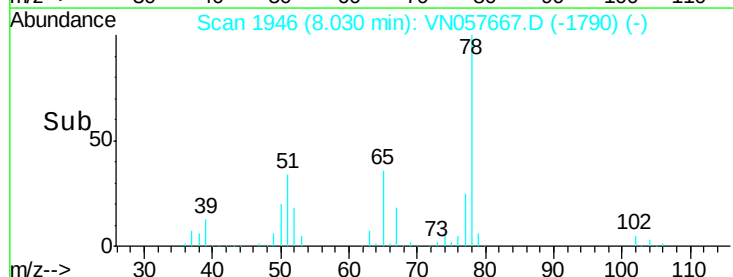
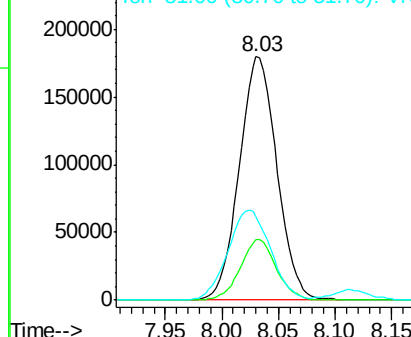
Lab File: VN057667.D

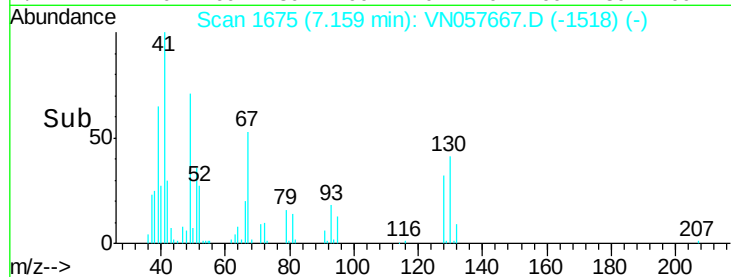
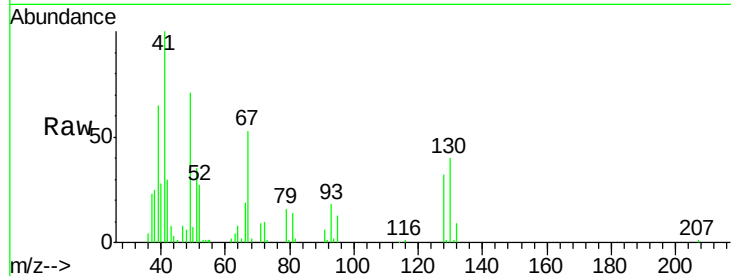
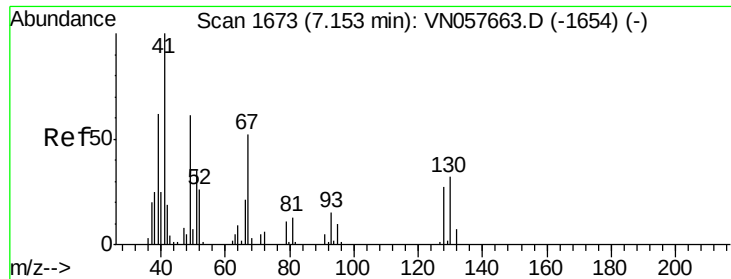
Acq: 3 Sep 2019 17:05

Tgt Ion:	78	Resp:	416470
Ion Ratio	Lower	Upper	
78	100		
77	24.7	18.8	28.2
51	34.0	29.0	43.6



Abundance Ion 78.10 (77.80 to 78.80): V
Ion 77.00 (76.70 to 77.70): V
Ion 51.00 (50.70 to 51.70): V





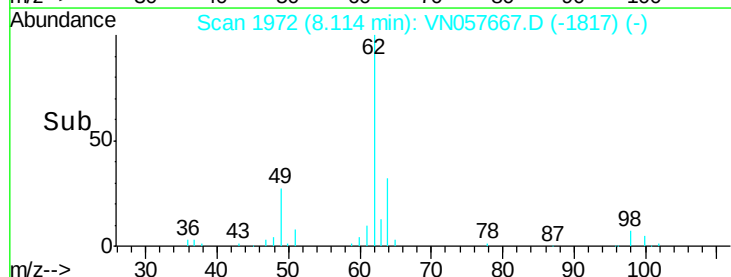
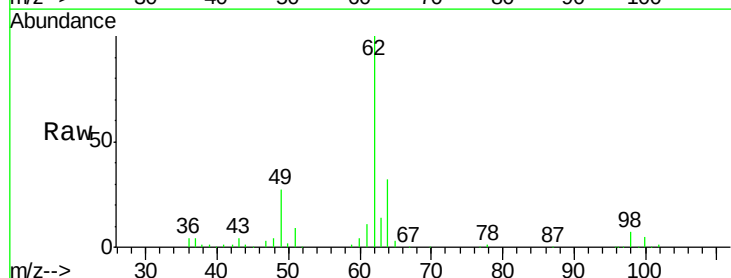
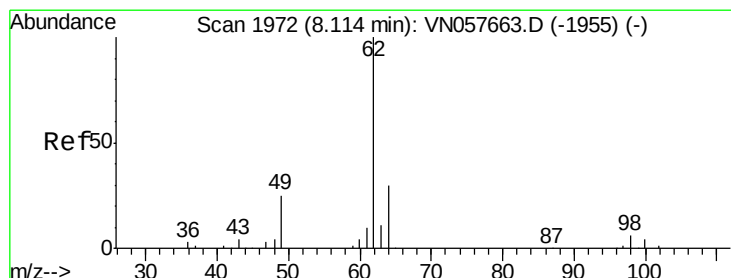
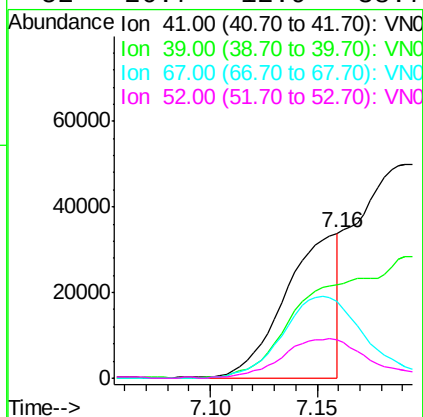
#35
Methacrylonitrile
Concen: 18.783 ug/l m
RT: 7.16 min Scan# 1675
Delta R.T. 0.01 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41.00	100	57881		
39	39.00	64.7		31.0	93.0
67	67.00	53.0		25.9	77.7
52	52.00	26.7		12.9	38.7

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090319

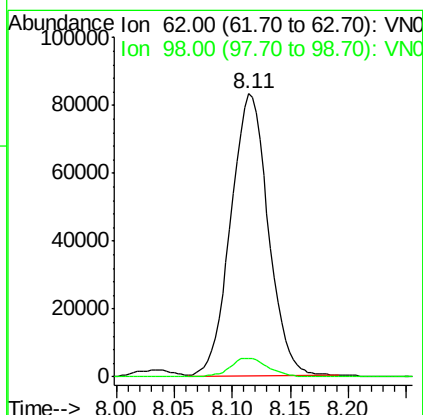
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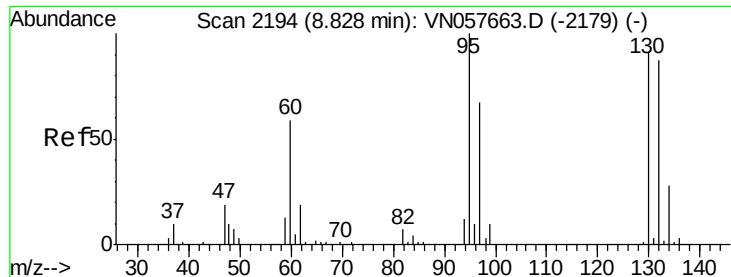
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#36
1,2-Dichloroethane
Concen: 20.568 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62.00	100	187492		
98	98.00	6.6		0.0	0.0#





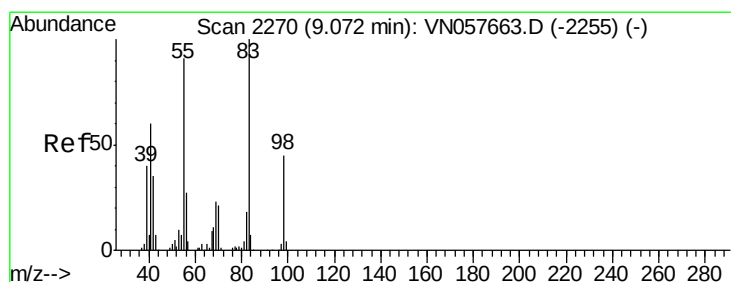
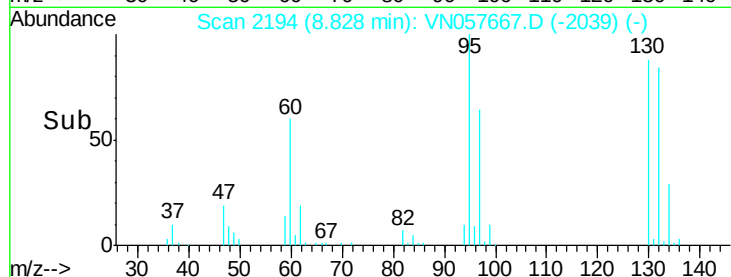
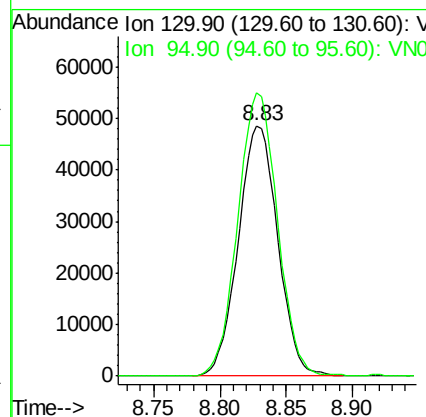
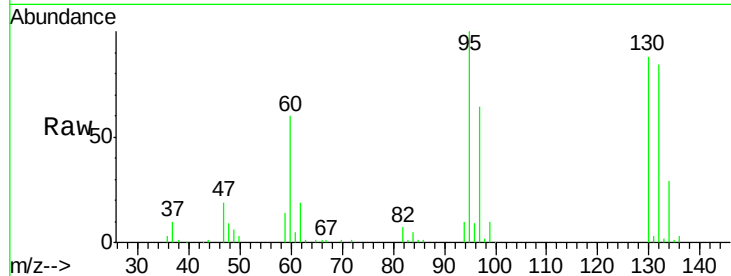
#37
 Trichloroethene
 Concen: 20.715 ug/l
 RT: 8.83 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VN057667.D
 Acq: 3 Sep 2019 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090319

Tot Ion	Ratio	Resp	Lower	Upper
130	100	100618		
95	113.0	87.5	131.3	

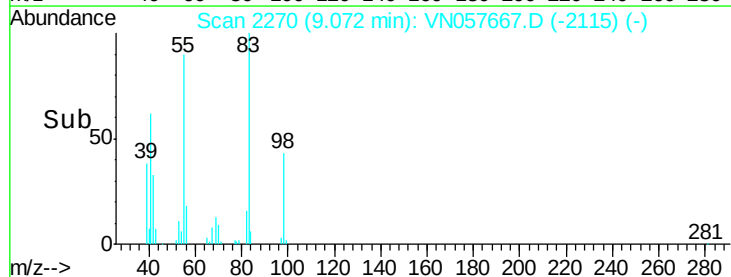
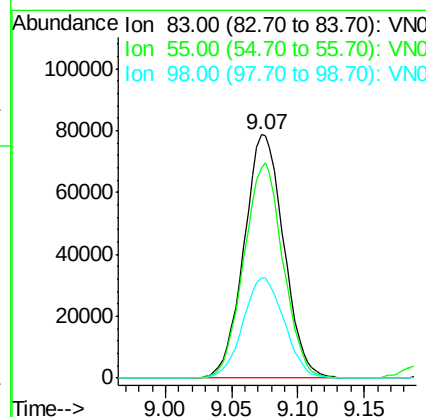
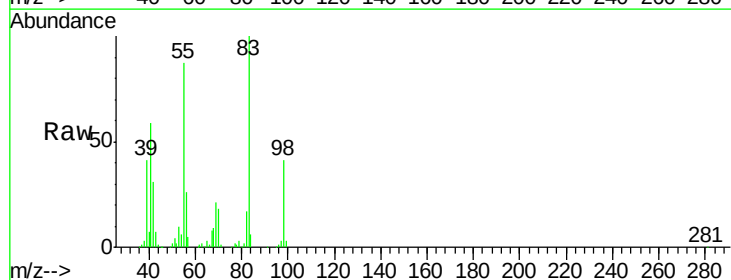
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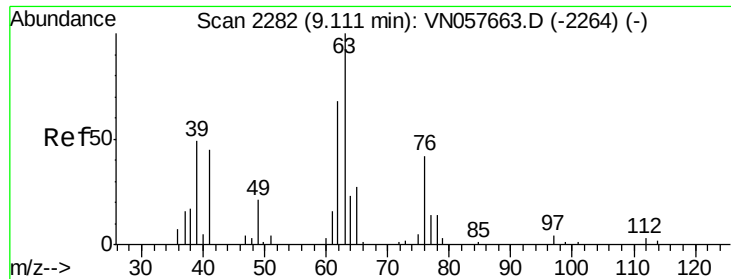
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#38
 Methylcyclohexane
 Concen: 20.786 ug/l
 RT: 9.07 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VN057667.D
 Acq: 3 Sep 2019 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	164252		
55	86.9	45.1	135.3	
98	42.4	22.5	67.5	





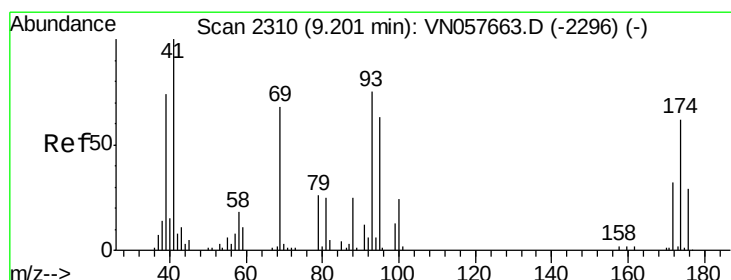
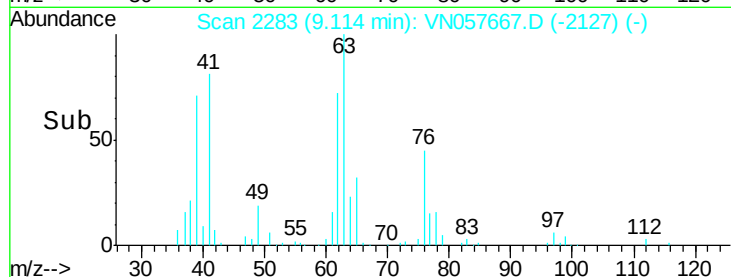
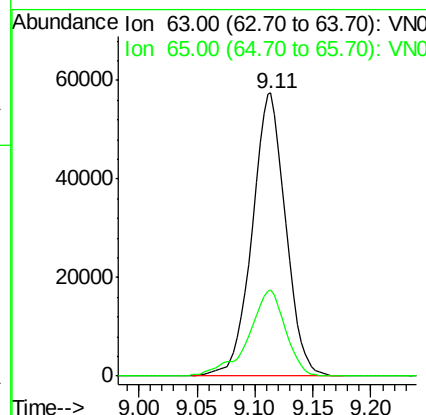
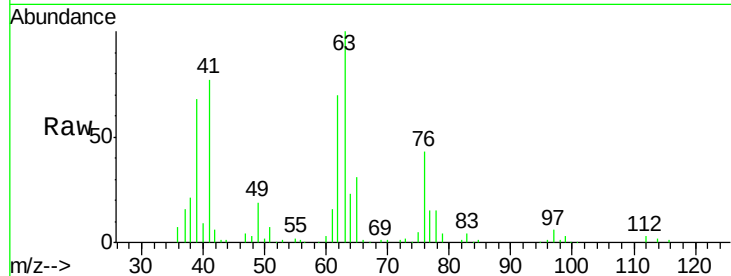
#39
 1,2-Dichloropropane
 Concen: 20.686 ug/l
 RT: 9.11 min Scan# 2283
 Delta R.T. 0.00 min
 Lab File: VN057667.D
 Acq: 3 Sep 2019 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090319

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	22.2	33.2

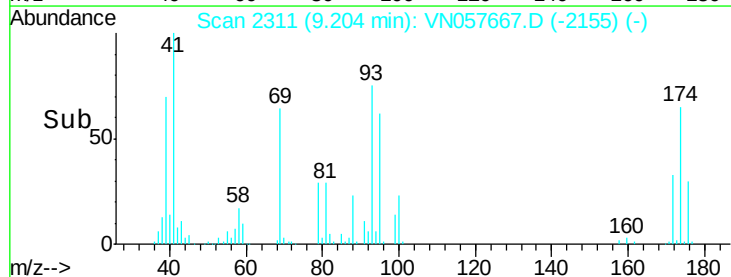
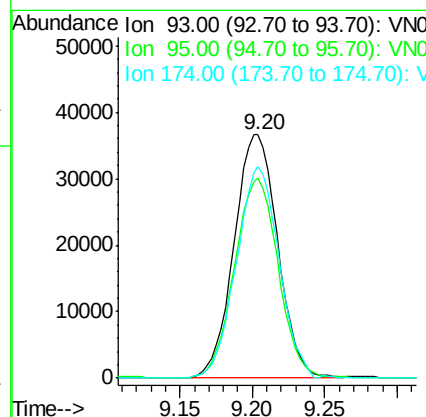
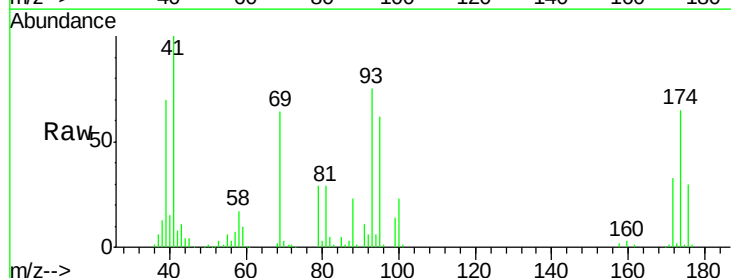
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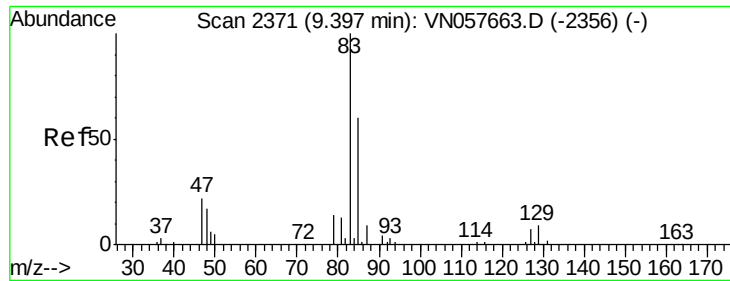
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#40
 Dibromomethane
 Concen: 21.070 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN057667.D
 Acq: 3 Sep 2019 17:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.3	0.0	168.2
174	85.0	0.0	169.2





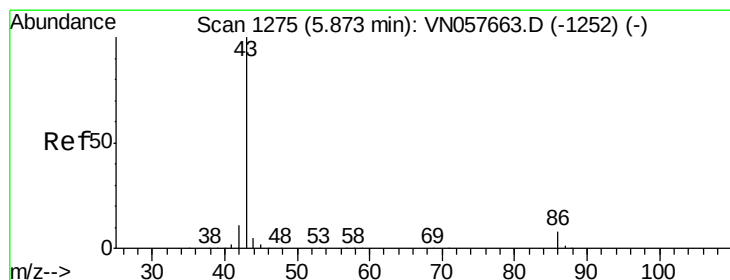
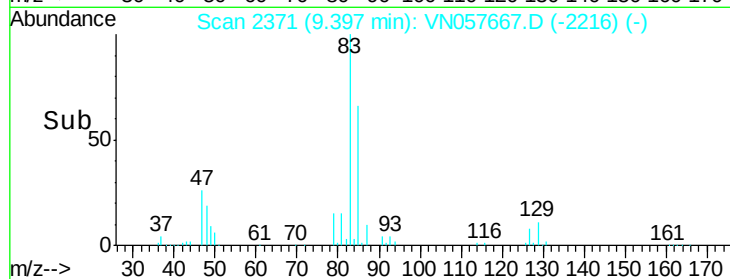
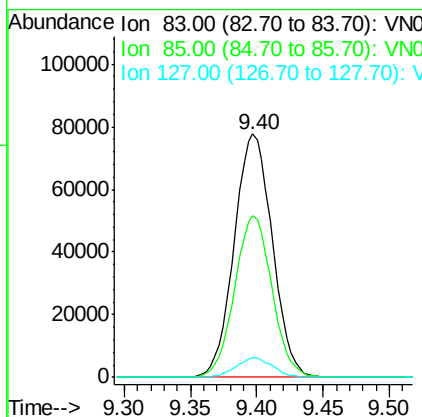
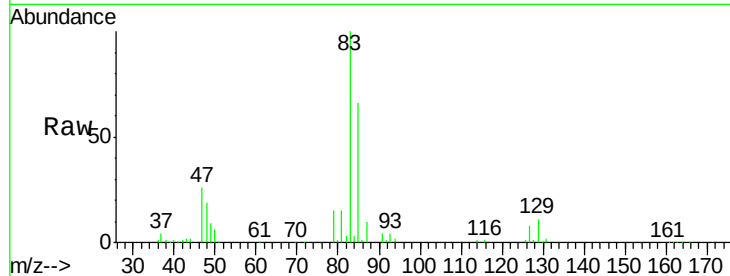
#41
 Bromodichloromethane
 Concen: 19.833 ug/l
 RT: 9.40 min Scan# 2371
 Delta R.T. -0.00 min
 Lab File: VN057667.D
 Acq: 3 Sep 2019 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090319

Tot Ion	83	Resp	155430
Ion Ratio	100	Lower	Upper
83	100		
85	66.2	48.2	72.4
127	8.9	5.3	7.9#

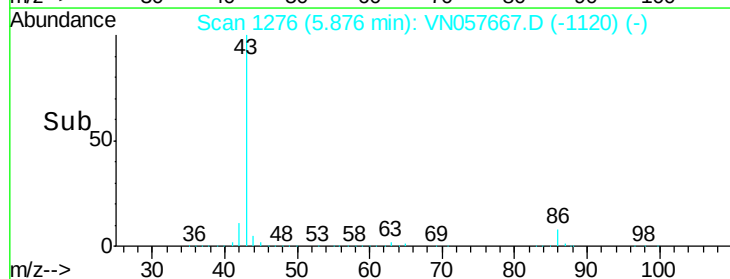
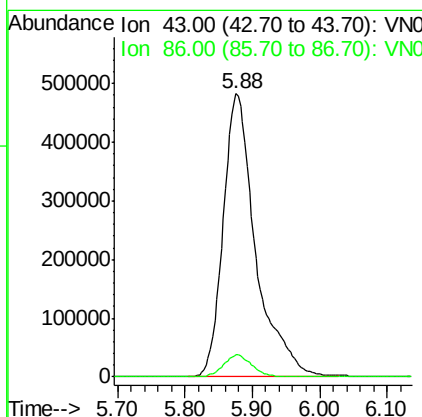
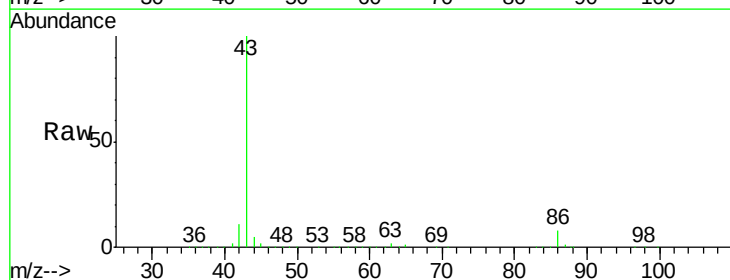
Manual Integrations
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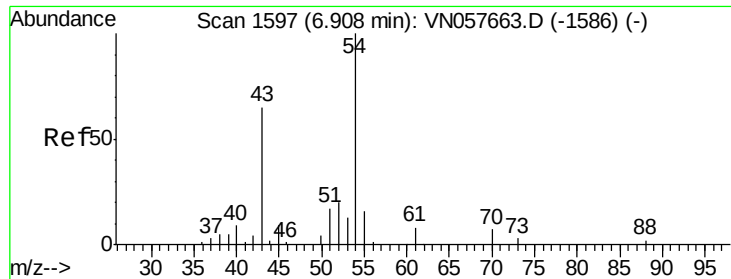
MMDadoda
 9/5/2019 3:21:23 PM



#42
 Vinyl Acetate
 Concen: 109.932 ug/l
 RT: 5.88 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN057667.D
 Acq: 3 Sep 2019 17:05

Tgt Ion	43	Resp	1625381
Ion Ratio	100	Lower	Upper
43	100		
86	6.8	5.4	8.2





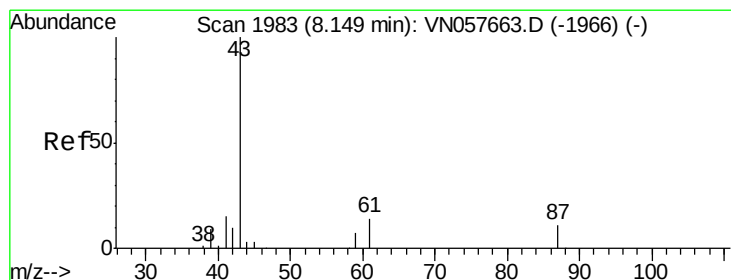
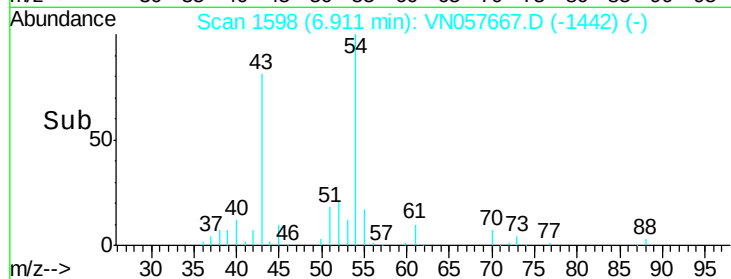
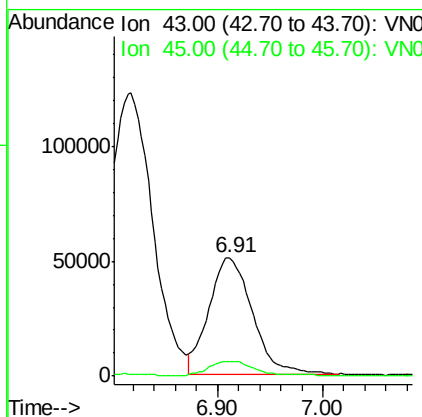
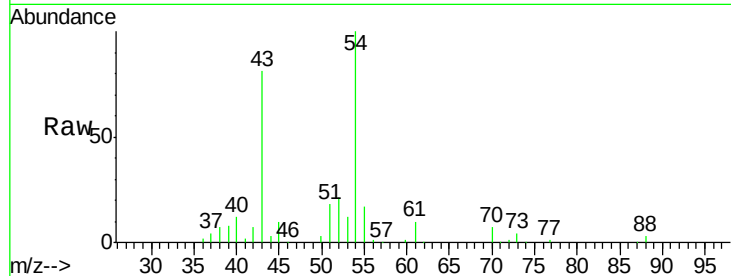
#43
Ethyl Acetate
Concen: 21.217 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090319

Tot Ion: 43 Resp: 146972
Ion Ratio Lower Upper
43 100
45 12.1 5.0 7.6#

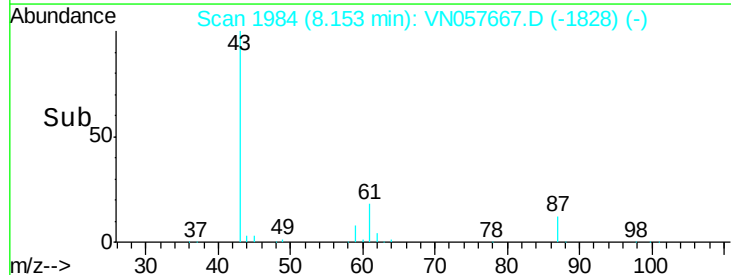
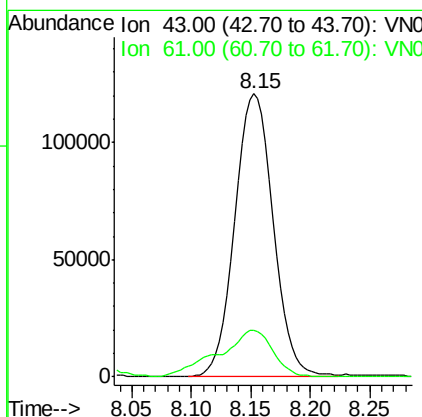
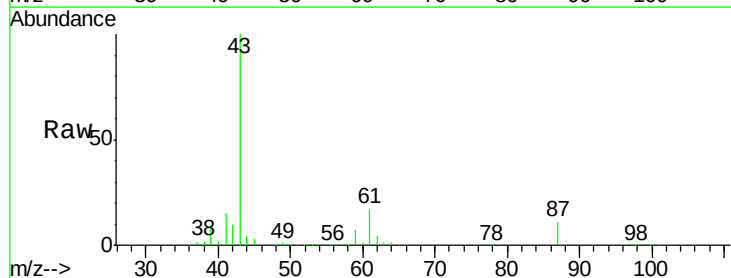
Manual Integrations
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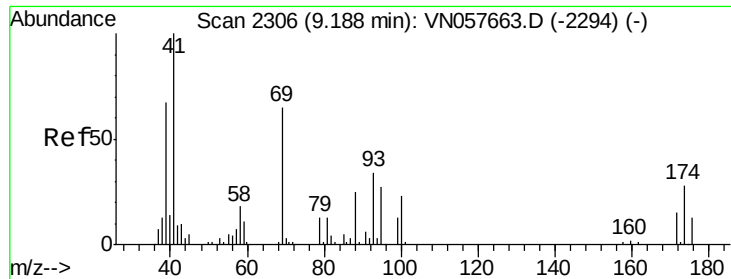
MMDadoda
9/5/2019 3:21:23 PM



#44
Isopropyl Acetate
Concen: 20.758 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Tgt Ion: 43 Resp: 268829
Ion Ratio Lower Upper
43 100
61 16.9 12.6 18.8





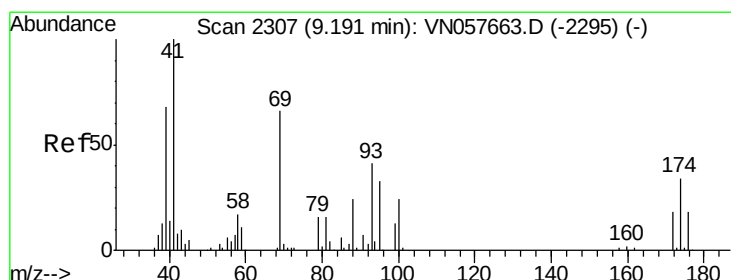
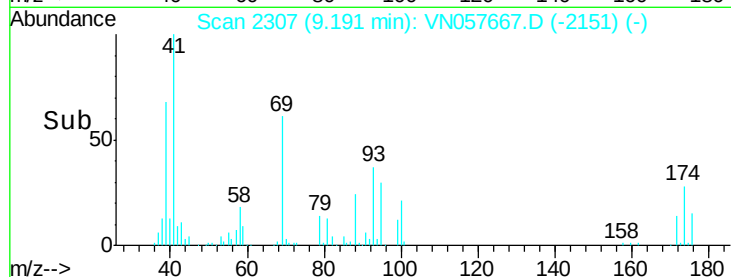
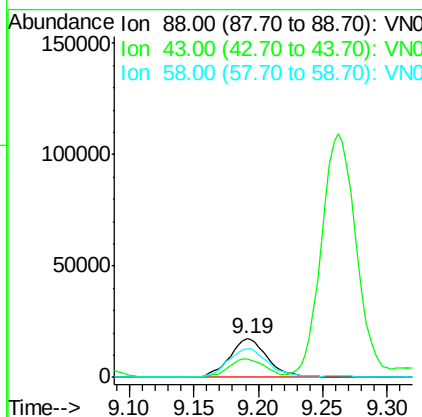
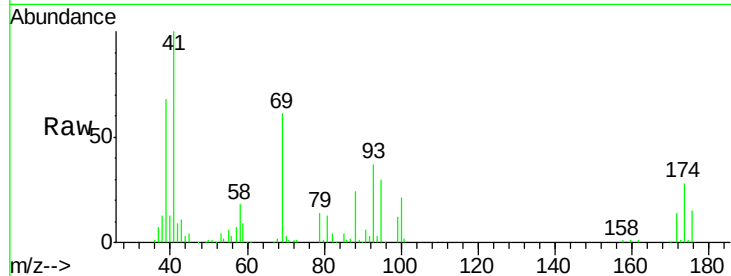
#45
 1,4-Dioxane
 Concen: 432.271 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN057667.D
 Acq: 3 Sep 2019 17:05

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN090319

Tot Ion	88	Resp	35936
Ion	Ratio	Lower	Upper
88	100		
43	43.9	31.0	46.4
58	77.3	58.2	87.2

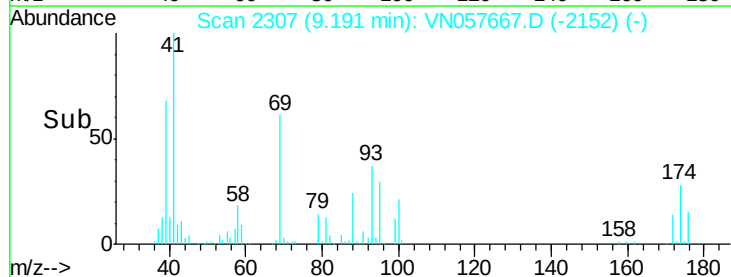
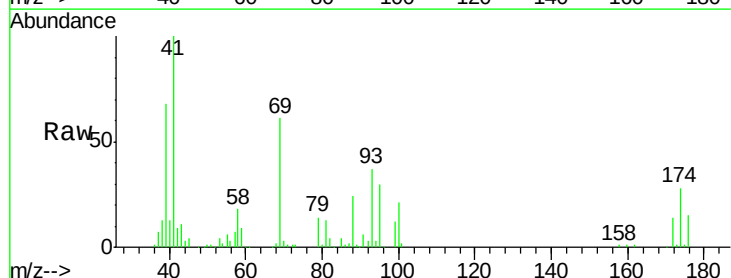
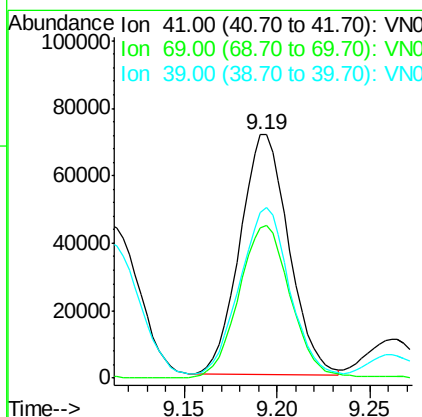
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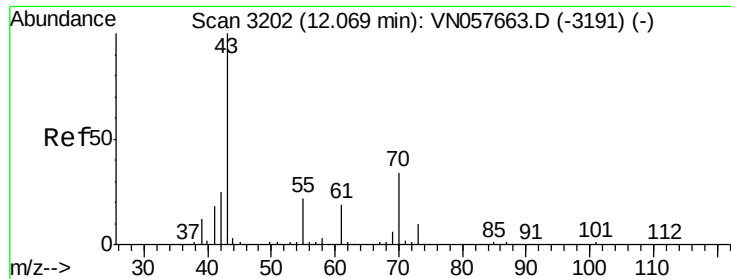
MMDadoda
 9/5/2019 3:21:23 PM



#46
 Methyl methacrylate
 Concen: 20.804 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN057667.D
 Acq: 3 Sep 2019 17:05

Tgt Ion	41	Resp	130728
Ion	Ratio	Lower	Upper
41	100		
69	62.3	33.1	99.2
39	67.4	34.0	102.0





#47

n-amvl Acetate

Concen: 20.031 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN057667.D

Acq: 3 Sep 2019 17:05

Instrument :

MSVOA_N

ClientSampled :

ICVVN090319

Tot Ion: 43 Resp: 201177

Ion Ratio Lower Upper

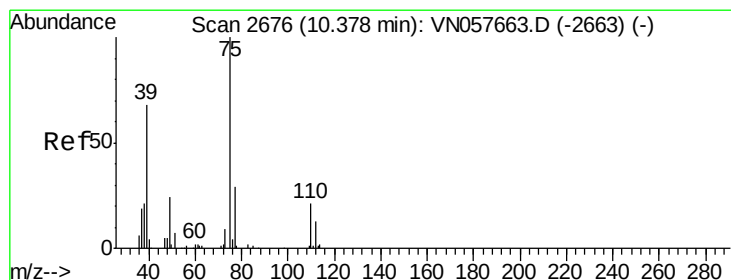
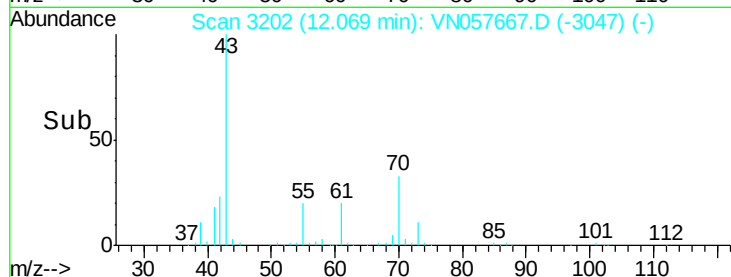
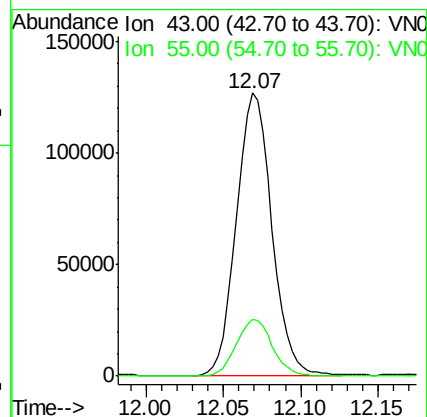
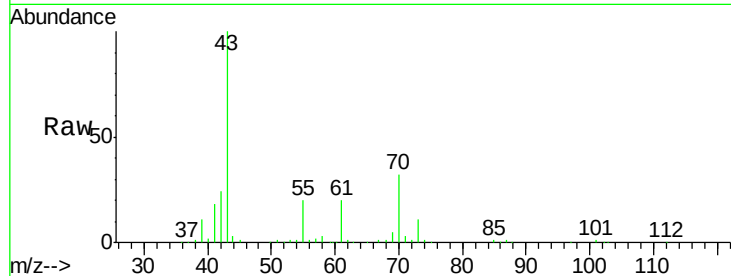
43 100

55 20.6 17.5 26.3

Manual Integrations
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#48

t-1,3-Dichloropropene

Concen: 19.617 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VN057667.D

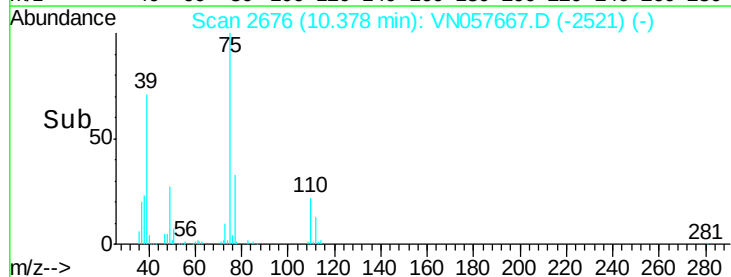
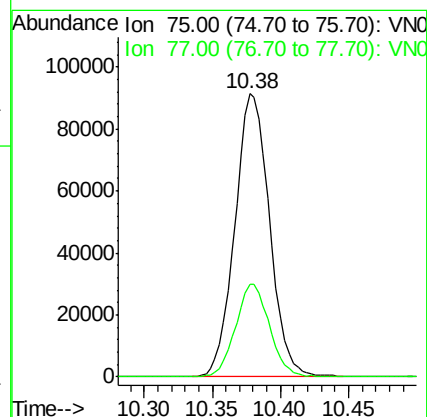
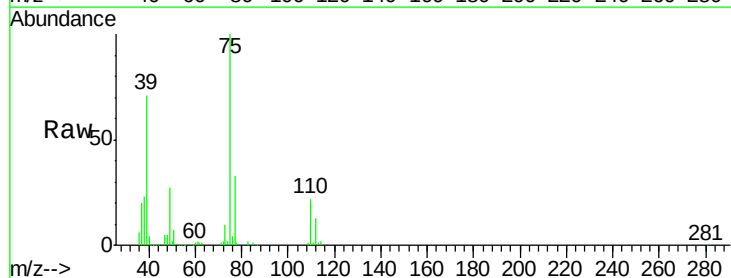
Acq: 3 Sep 2019 17:05

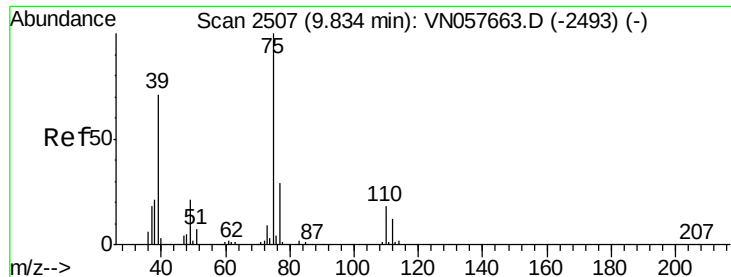
Tgt Ion: 75 Resp: 161265

Ion Ratio Lower Upper

75 100

77 32.6 23.1 34.7





#49

cis-1,3-Dichloropropene

Concen: 20.324 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. -0.00 min

Lab File: VN057667.D

Acq: 3 Sep 2019 17:05

Instrument :

MSVOA_N

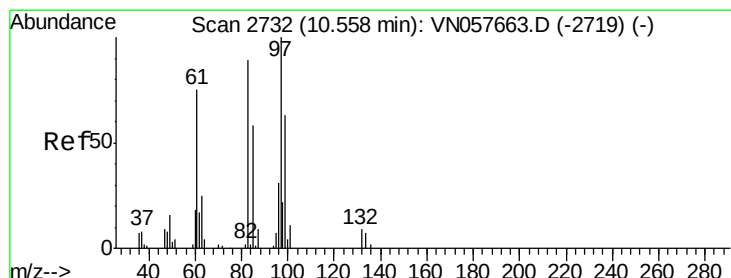
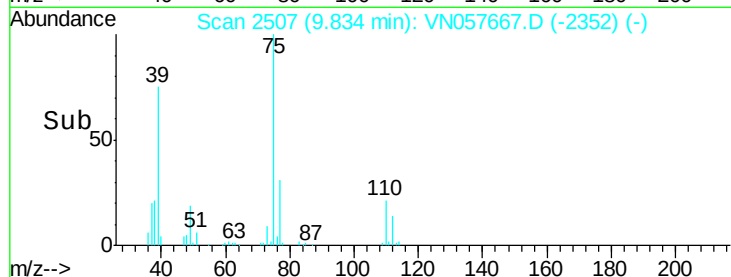
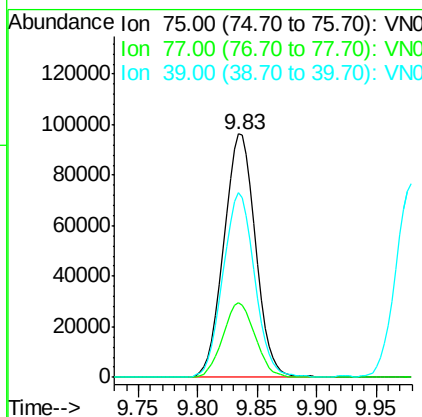
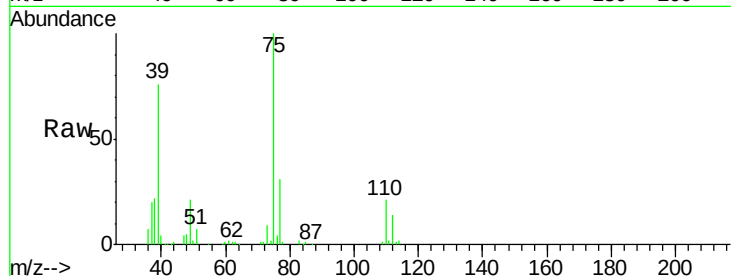
ClientSampleId :

ICVVN090319

Tot Ion:	75	Resp:	178257
Ion Ratio	Lower	Upper	
75	100		
77	30.9	23.4	35.2
39	75.6	56.6	85.0

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#50

1,1,2-Trichloroethane

Concen: 20.029 ug/l

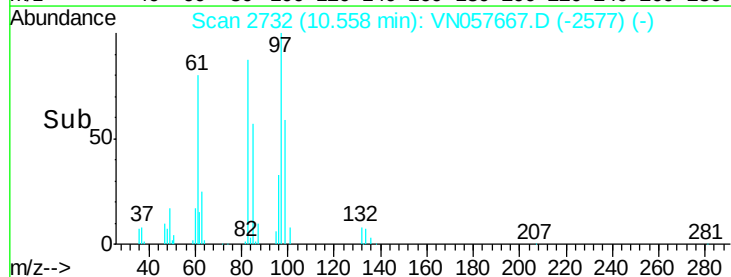
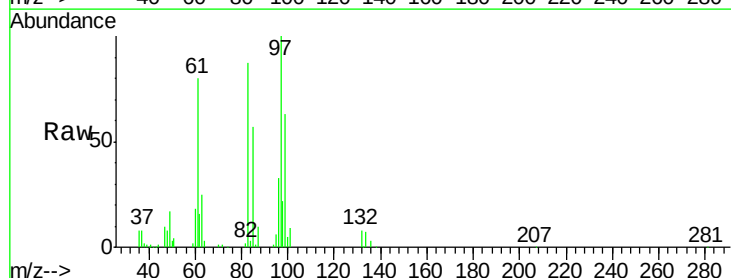
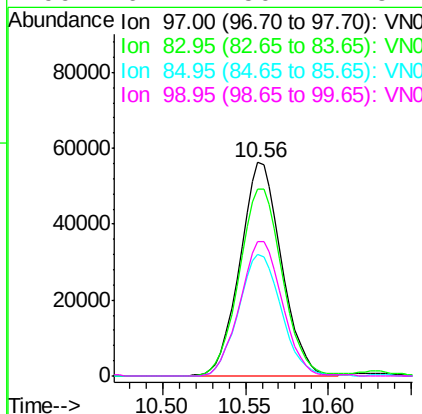
RT: 10.56 min Scan# 2732

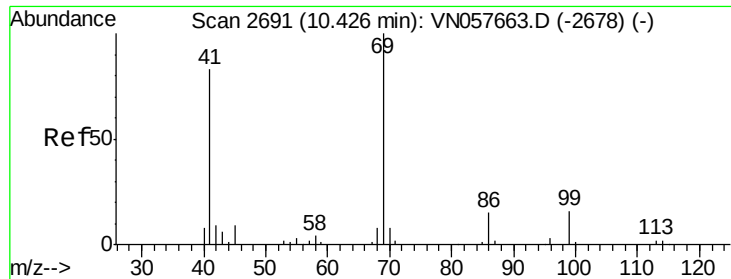
Delta R.T. -0.00 min

Lab File: VN057667.D

Acq: 3 Sep 2019 17:05

Tgt Ion:	97	Resp:	97948
Ion Ratio	Lower	Upper	
97	100		
83	87.5	71.4	107.2
85	57.0	46.0	69.0
99	62.7	50.2	75.2





#51

Ethyl methacrylate

Concen: 19.716 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN057667.D

Acq: 3 Sep 2019 17:05

Instrument :

MSVOA_N

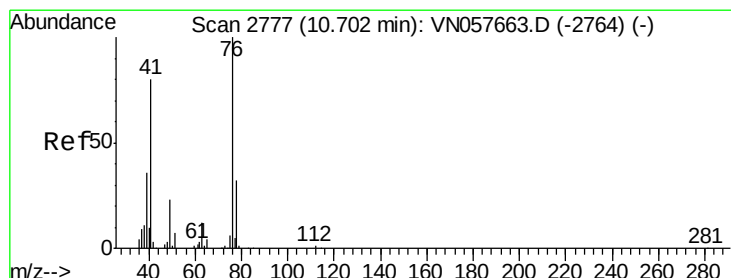
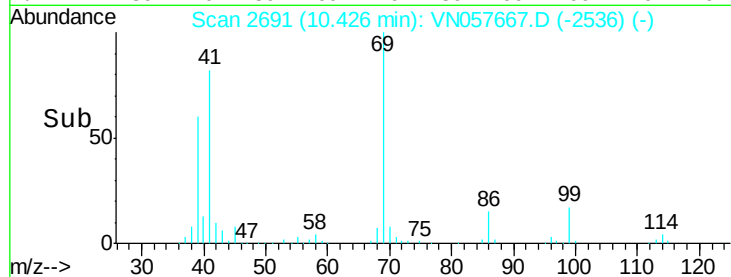
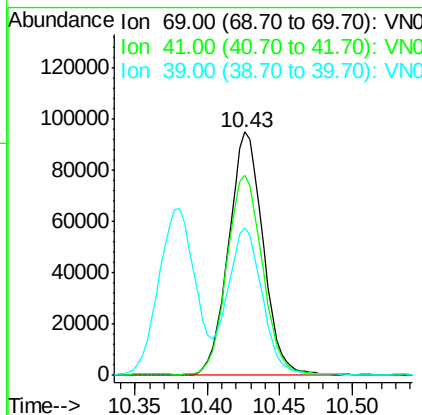
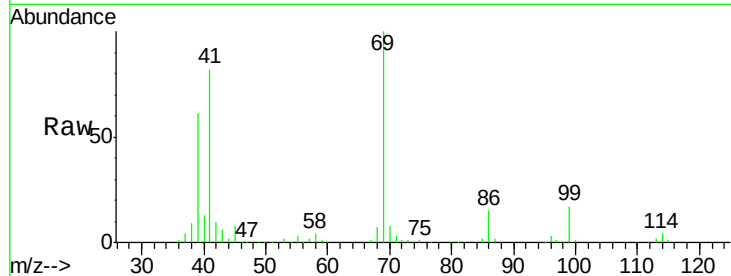
ClientSampleId :

ICVVN090319

Tot Ion:	69	Resp:	157178
Ion Ratio	Lower	Upper	
69	100		
41	81.5	41.5	124.5
39	60.4	29.6	88.9

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.313 ug/l

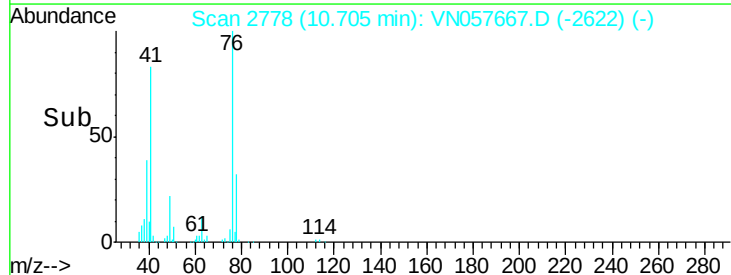
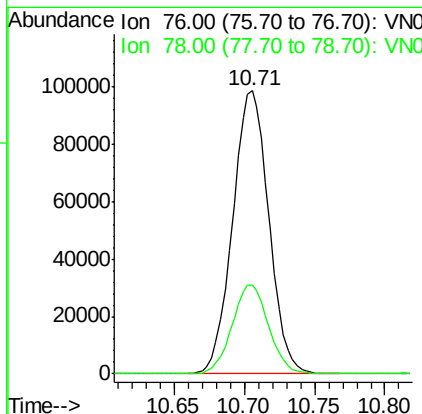
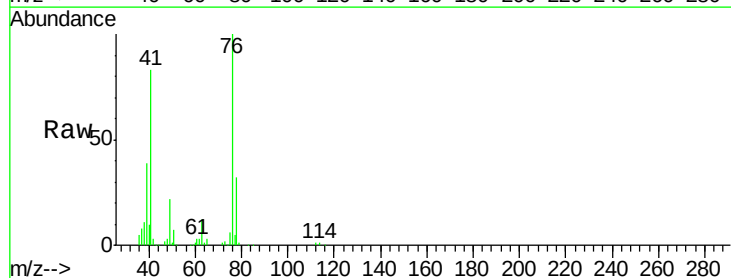
RT: 10.71 min Scan# 2778

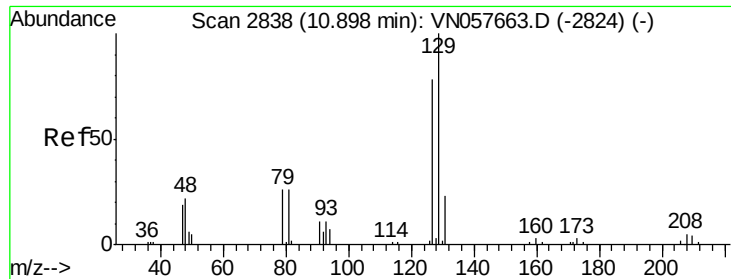
Delta R.T. 0.00 min

Lab File: VN057667.D

Acq: 3 Sep 2019 17:05

Tgt Ion:	76	Resp:	176810
Ion Ratio	Lower	Upper	
76	100		
78	31.9	0.0	63.8





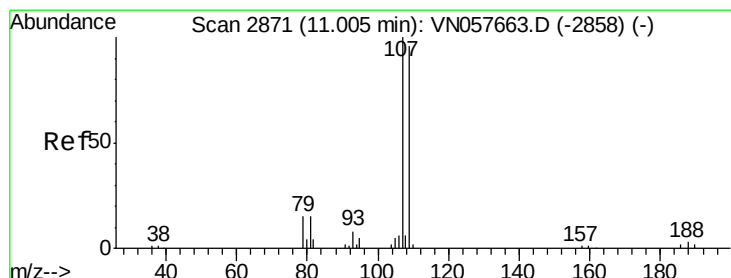
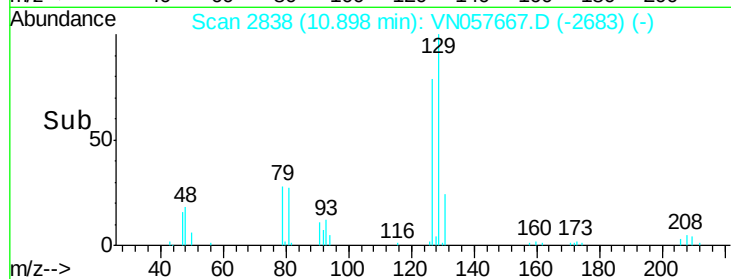
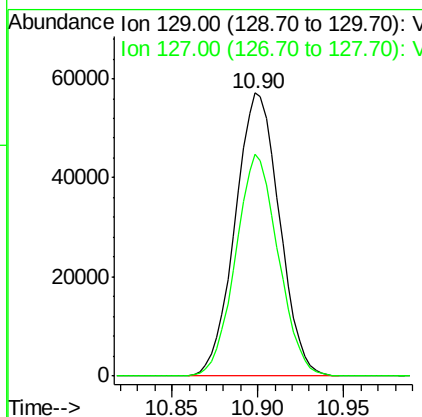
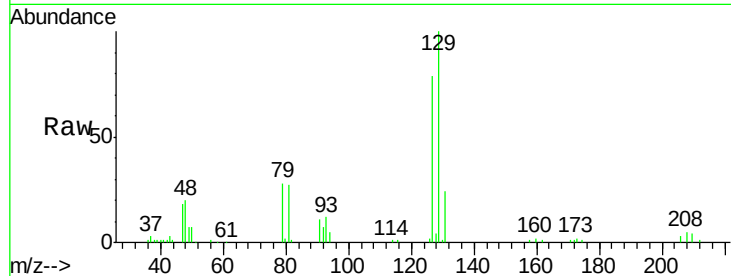
#53
 Dibromochloromethane
 Concen: 20.060 ug/l
 RT: 10.90 min Scan# 2838
 Delta R.T. -0.00 min
 Lab File: VN057667.D
 Acq: 3 Sep 2019 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090319

Tot Ion	Ratio	Lower	Upper
129	100		
127	75.6	39.1	117.3

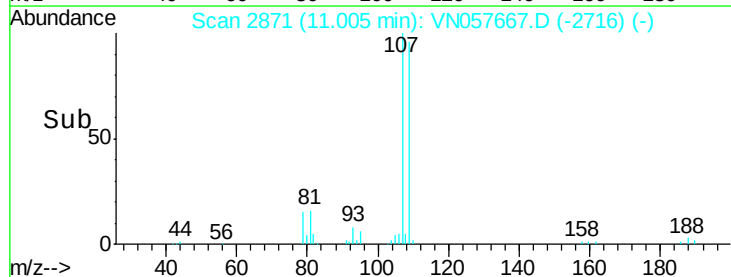
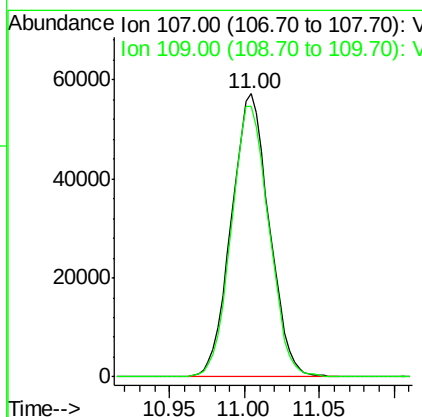
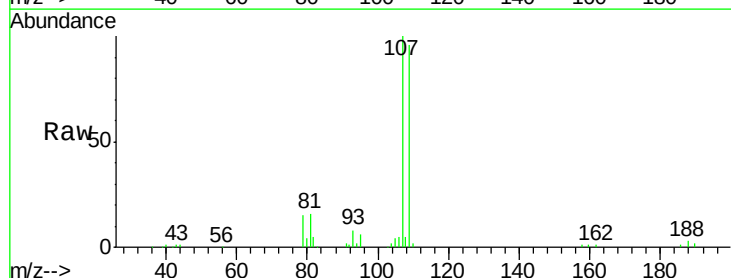
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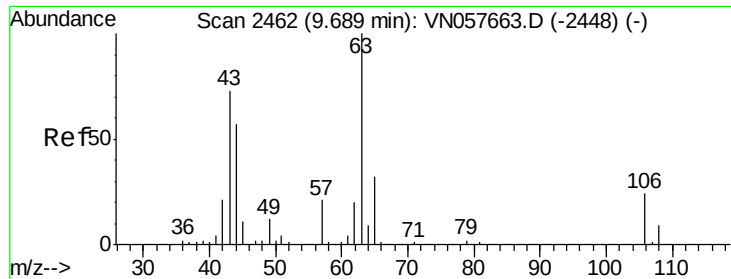
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#54
 1,2-Dibromoethane
 Concen: 20.593 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN057667.D
 Acq: 3 Sep 2019 17:05

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.1	76.2	114.4





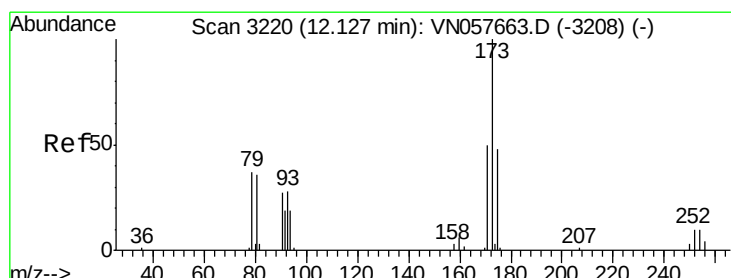
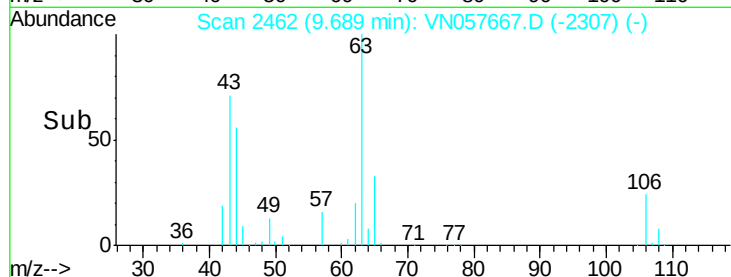
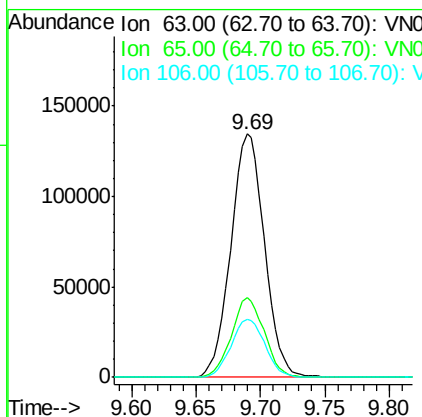
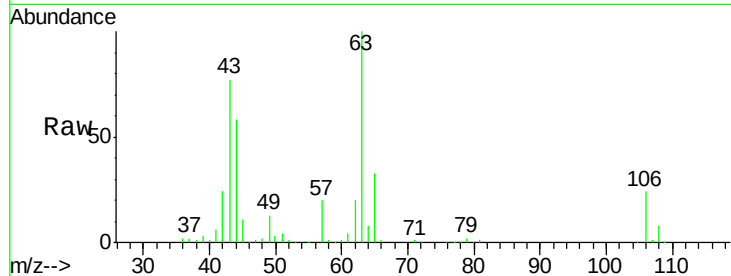
#55
2-Chloroethyl vinyl ether
Concen: 96.949 ug/l
RT: 9.69 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090319

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.6	38.4
106	23.9	19.5	29.3

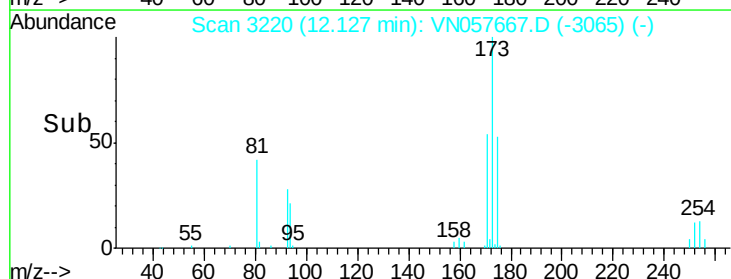
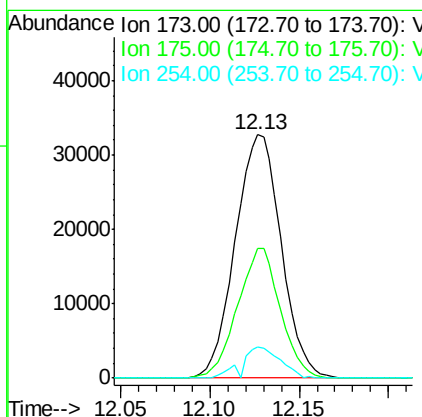
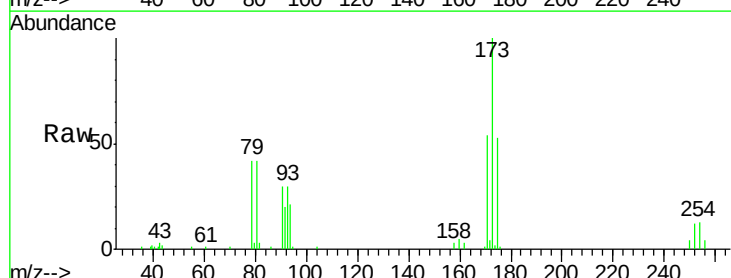
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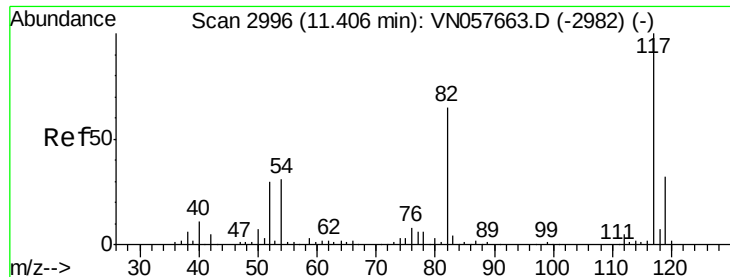
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#56
Bromoform
Concen: 18.588 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.6	38.8	58.2
254	9.0	7.2	10.8





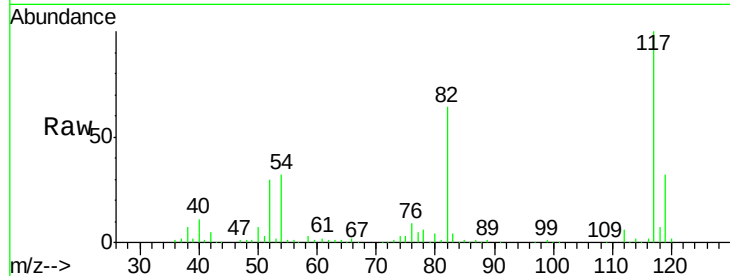
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Instrument :
MSVOA_N
ClientSampled :
ICVVN090319

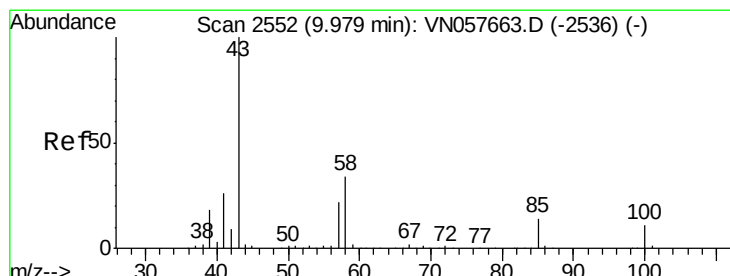
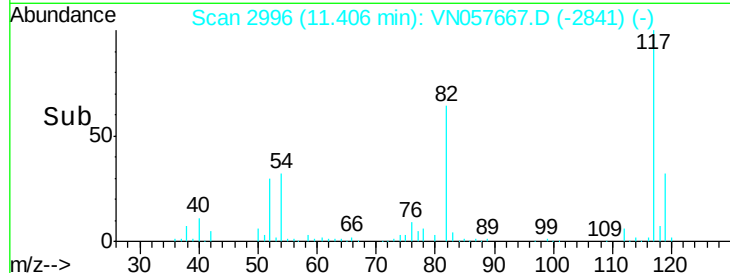
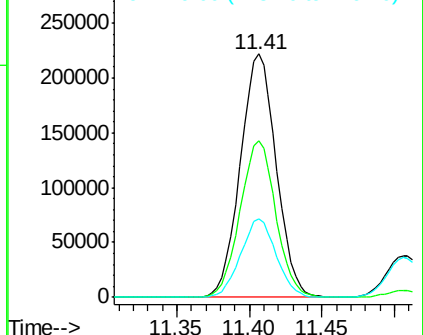
Tot Ion	Ratio	Lower	Upper
117	100		
82	63.9	51.2	76.8
119	31.9	25.8	38.6

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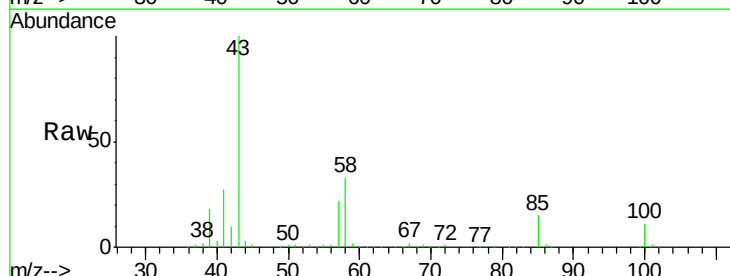


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

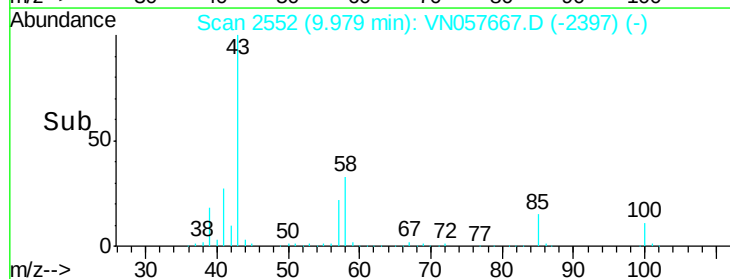
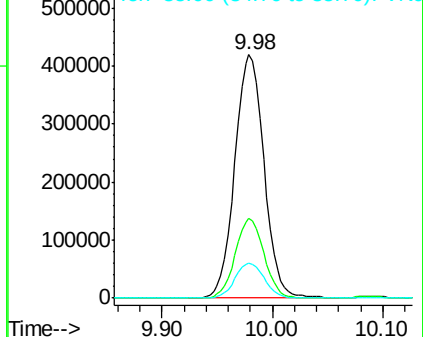


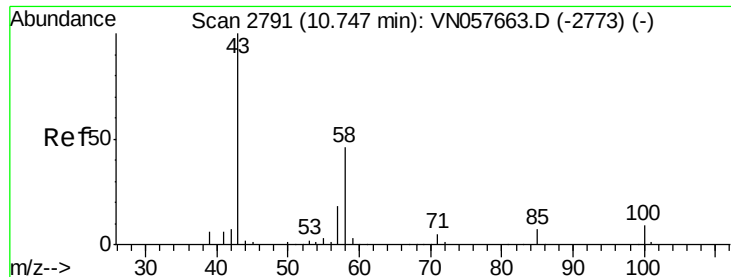
#58
4-Methyl-2-Pentanone
Concen: 114.101 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. -0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.3	26.7	40.1
85	14.4	11.2	16.8



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 58.00 (57.70 to 58.70): V
Ion 85.00 (84.70 to 85.70): V





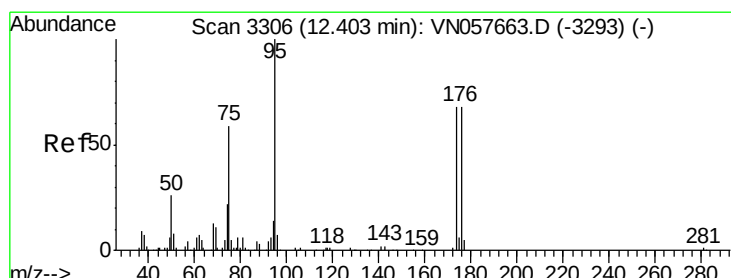
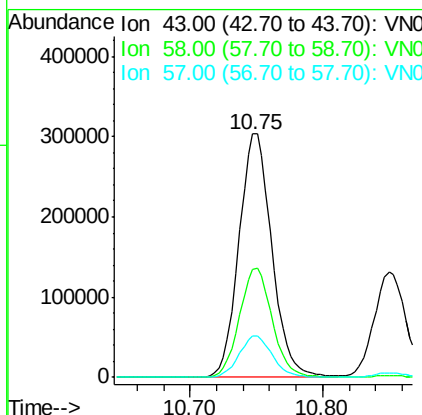
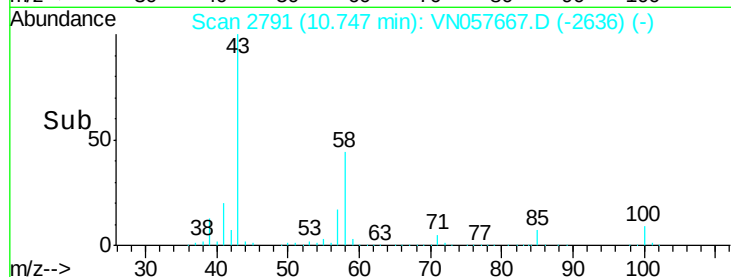
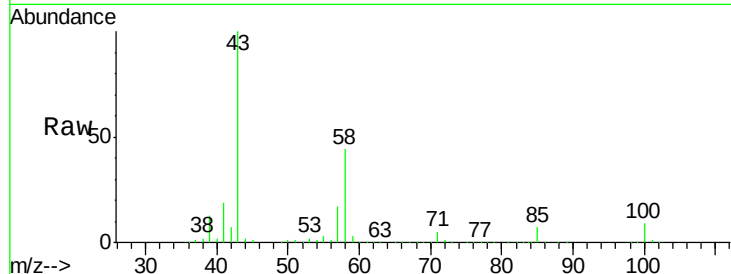
#59
2-Hexanone
Concen: 109.688 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. -0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090319

Tot Ion	Ratio	Lower	Upper
43	100		
58	44.7	36.1	54.1
57	17.1	14.1	21.1

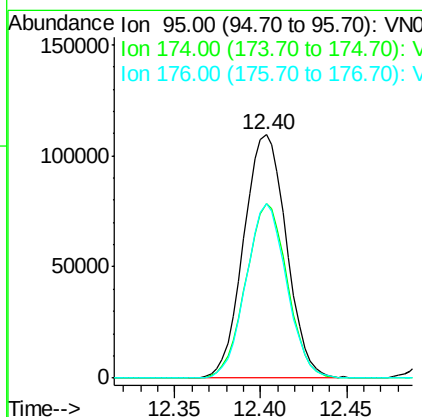
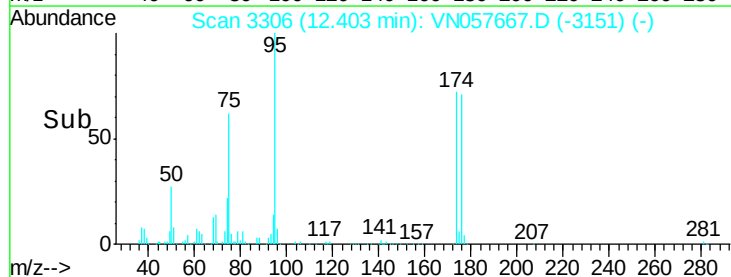
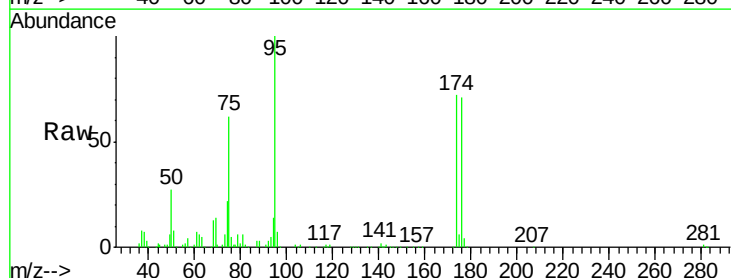
Manual Integrations
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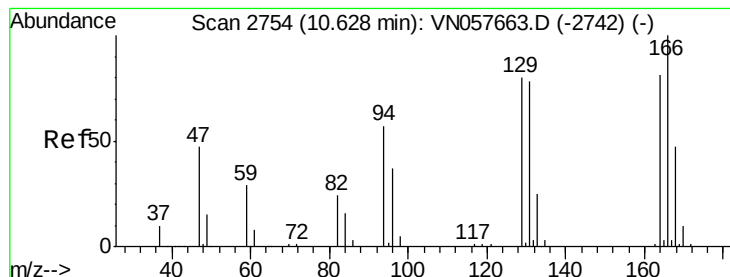
MMDadoda
9/5/2019 3:21:23 PM



#60
4-Bromofluorobenzene
Concen: 29.016 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Tgt Ion	Ratio	Lower	Upper
95	100		
174	69.4	55.0	82.6
176	68.1	53.7	80.5





#61

Tetrachloroethene

Concen: 21.106 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN057667.D

Acq: 3 Sep 2019 17:05

Instrument :

MSVOA_N

ClientSampled :

ICVVN090319

Tot Ion:164 Resp: 92675

Ion Ratio Lower Upper

164 100

166 126.2 99.4 149.2

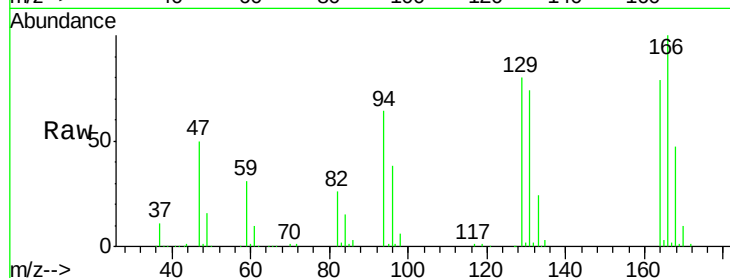
129 101.1 78.8 118.2

131 93.5 78.2 117.2

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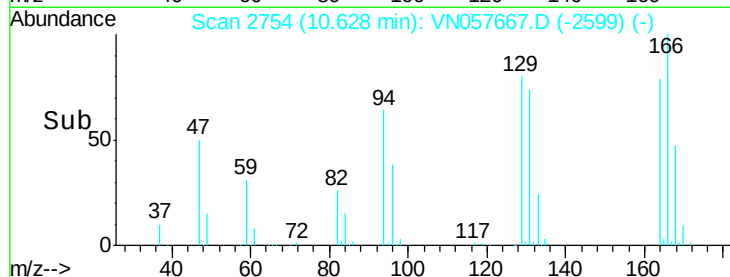
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

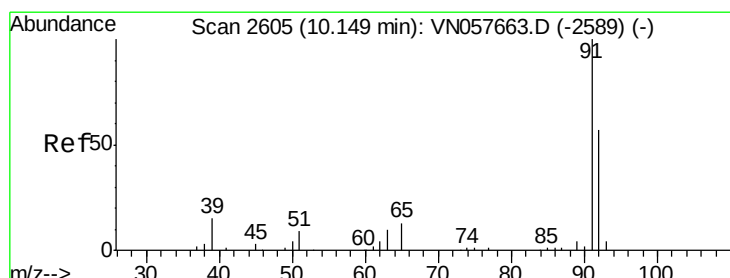
Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V

Time-->



Time-->



#62

Toluene

Concen: 20.991 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN057667.D

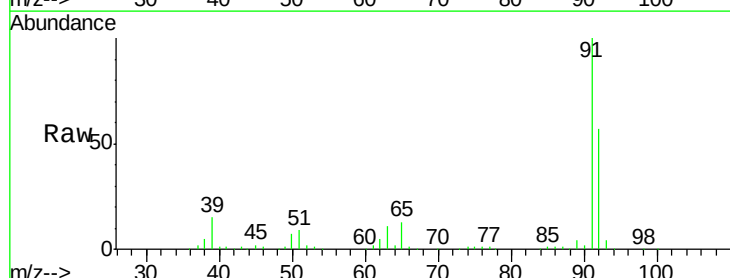
Acq: 3 Sep 2019 17:05

Tgt Ion: 91 Resp: 450685

Ion Ratio Lower Upper

91 100

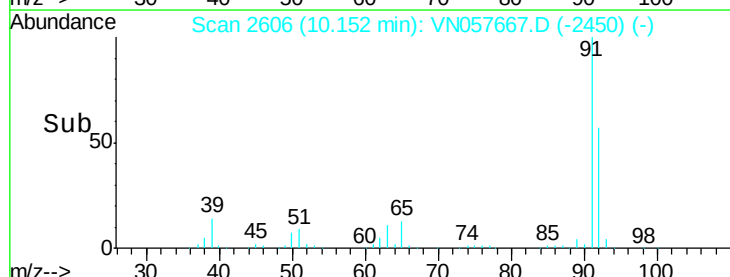
92 57.2 46.1 69.1



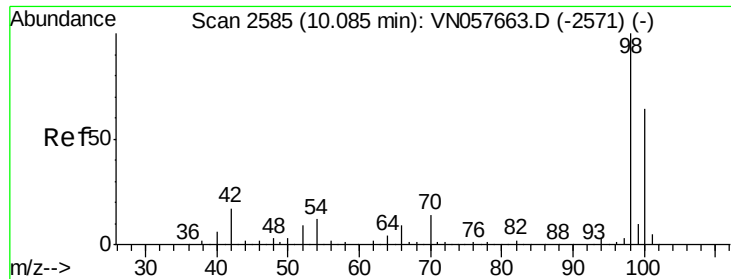
Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Time-->



Time-->



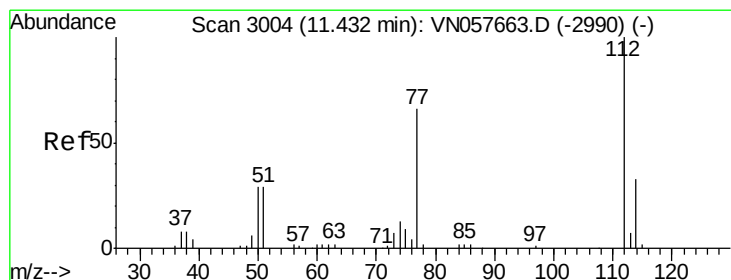
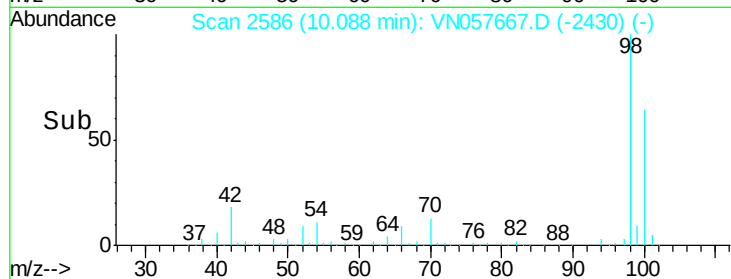
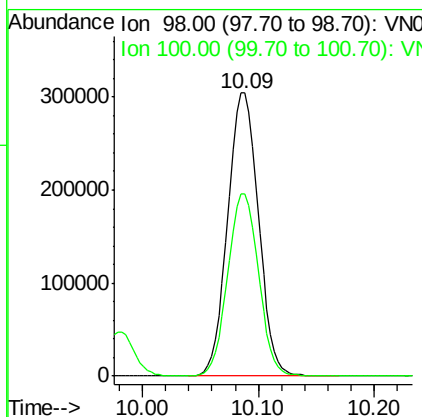
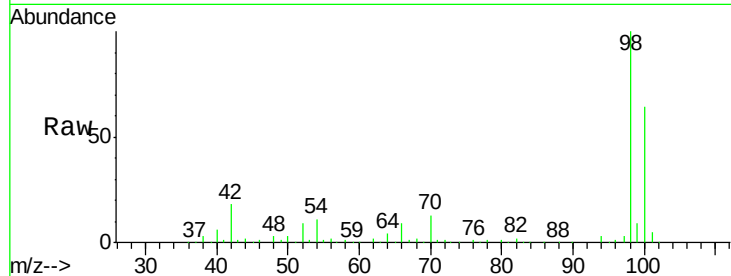
#63
Toluene-d8
Concen: 30.402 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090319

Tot Ion: 98 Resp: 559799
Ion Ratio Lower Upper
98 100
100 64.3 51.0 76.6

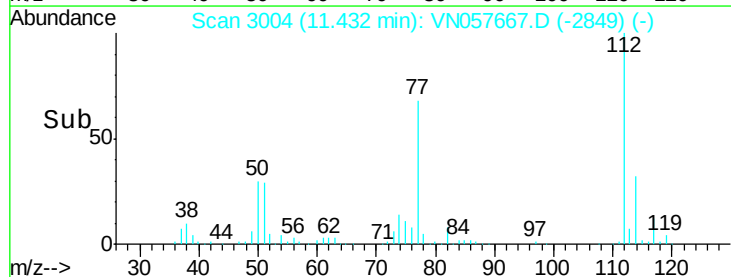
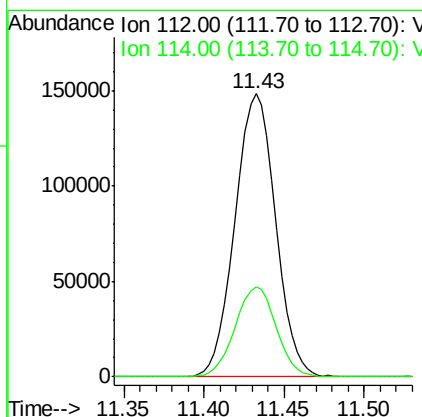
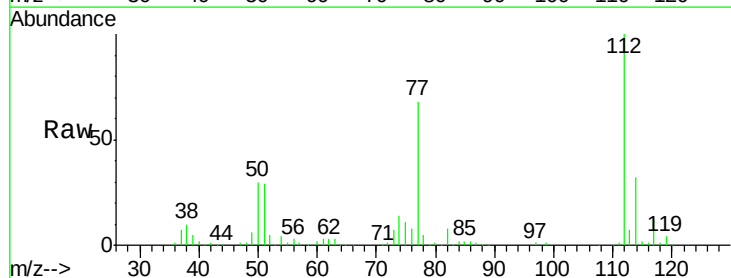
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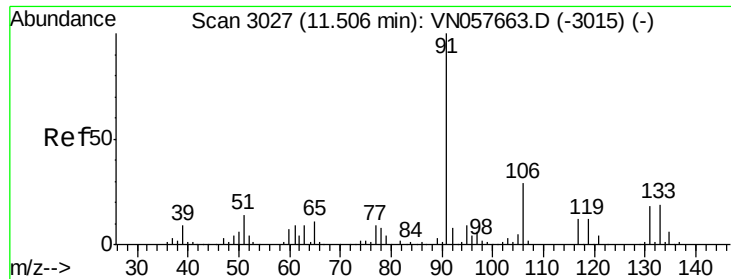
MMDadoda
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#64
Chlorobenzene
Concen: 20.433 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Tgt Ion: 112 Resp: 257599
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.4





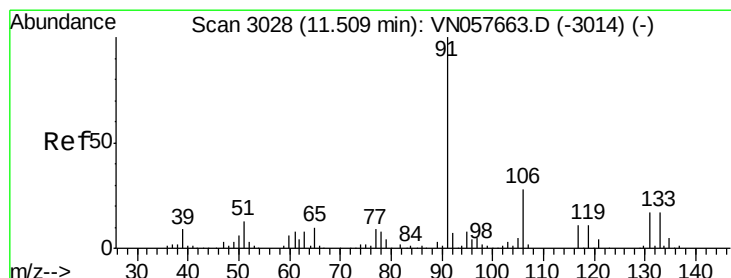
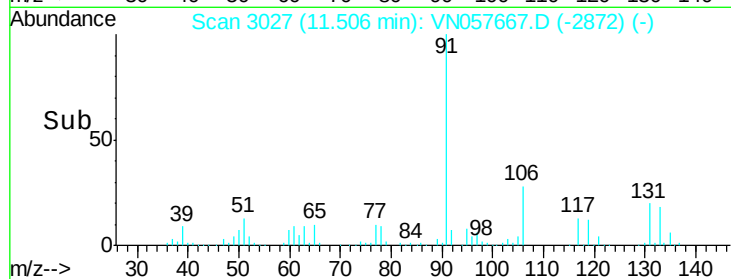
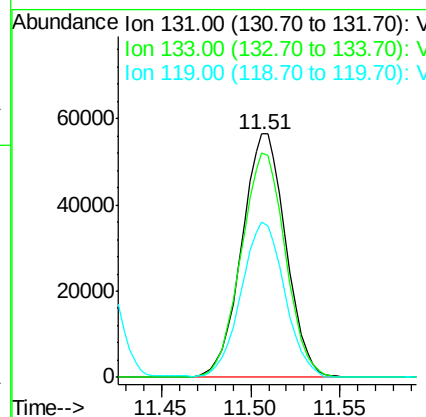
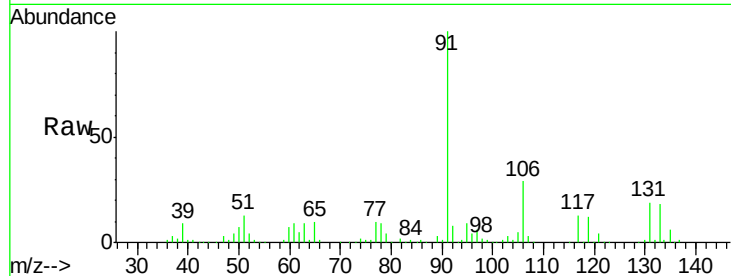
#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.039 ug/l
 RT: 11.51 min Scan# 3027
 Delta R.T. -0.00 min
 Lab File: VN057667.D
 Acq: 3 Sep 2019 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090319

Tot Ion	Ratio	Resp	Lower	Upper
131	100	97169		
133	92.5	0.0	198.0	
119	62.9	0.0	129.8	

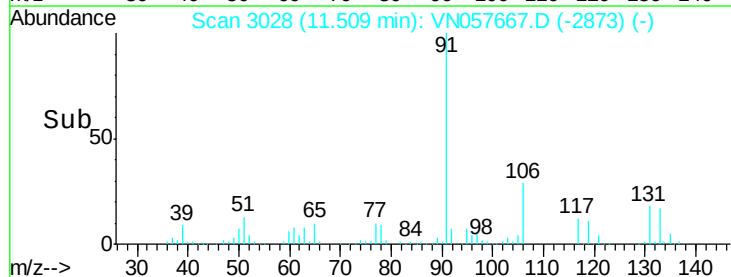
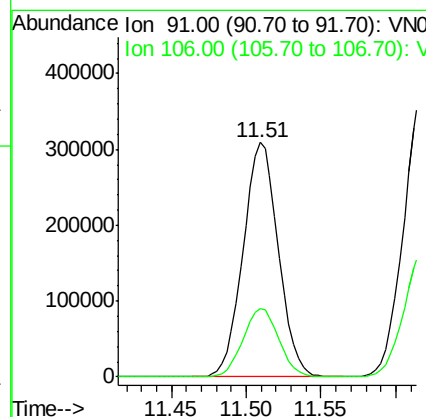
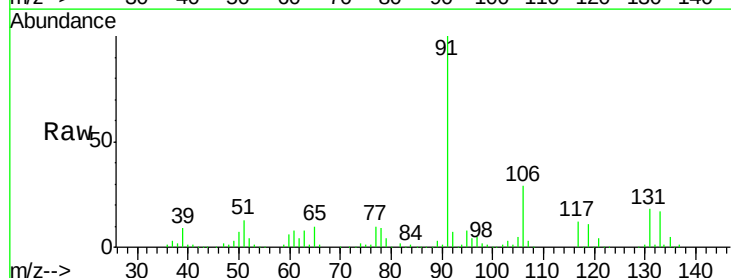
Manual Integrations
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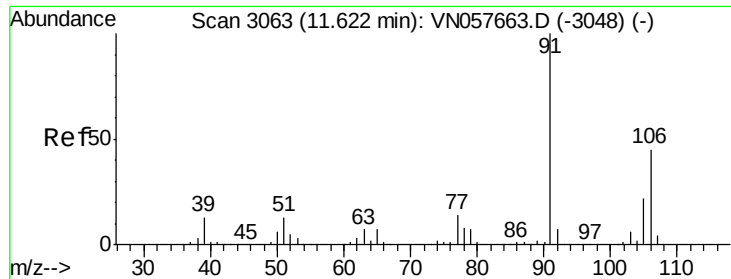
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#66
 Ethyl Benzene
 Concen: 21.112 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. -0.00 min
 Lab File: VN057667.D
 Acq: 3 Sep 2019 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	506660		
106	29.3	22.7	34.1	





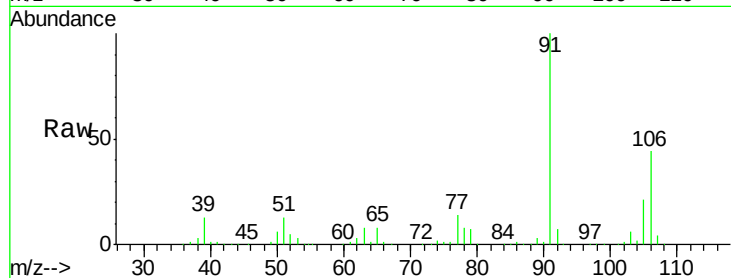
#67
m/p-Xylenes
Concen: 40.466 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Instrument :
MSVOA_N
ClientSampled :
ICVVN090319

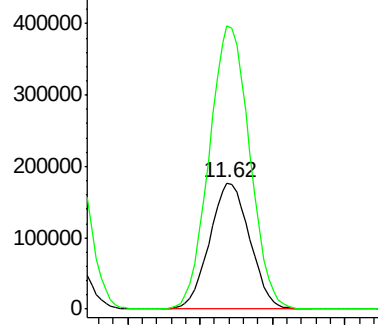
Tot Ion:106 Resp: 340592
Ion Ratio Lower Upper
106 100
91 225.3 178.9 268.3

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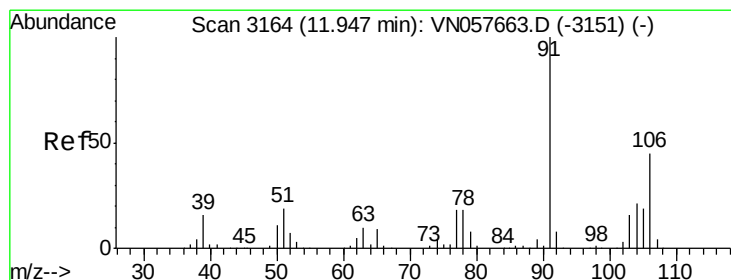
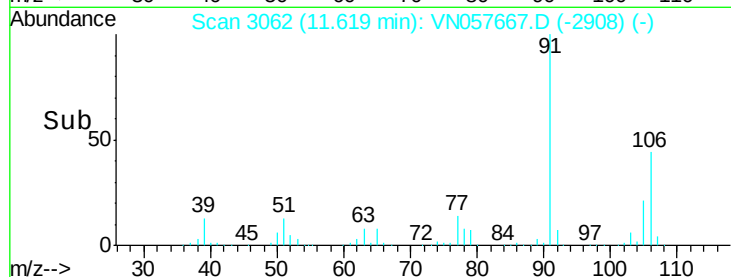
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Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

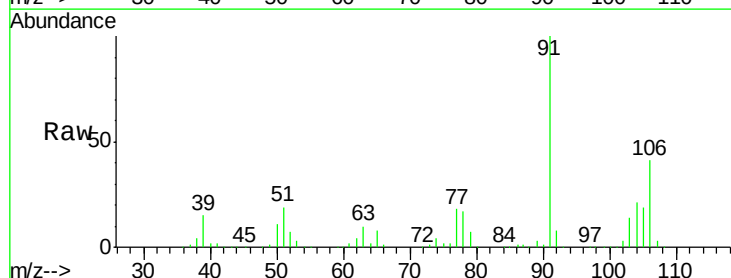


Time-->

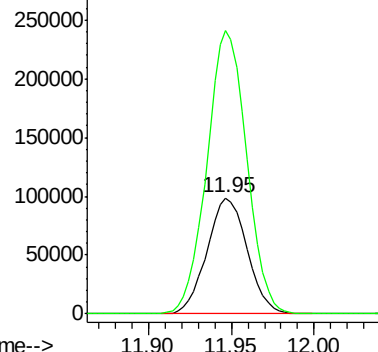


#68
o-Xylene
Concen: 19.822 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

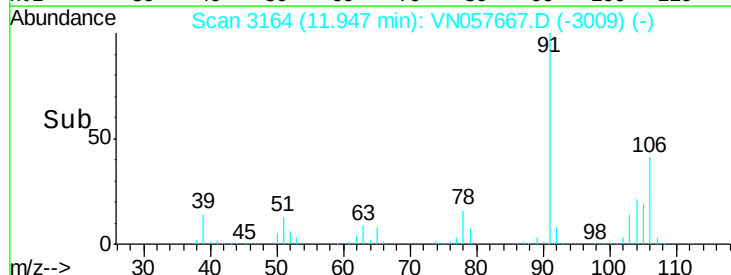
Tgt Ion:106 Resp: 166128
Ion Ratio Lower Upper
106 100
91 241.3 114.0 342.0

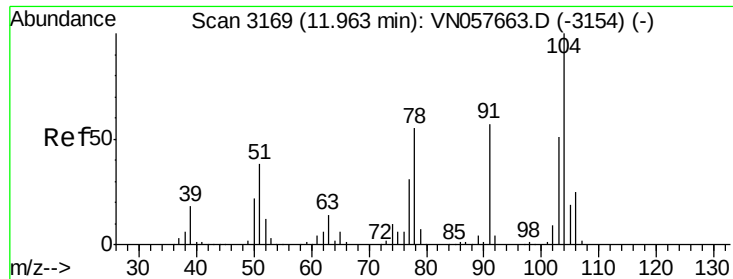


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0



Time-->





#69

Stvrene

Concen: 19.730 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. -0.00 min

Lab File: VN057667.D

Acq: 3 Sep 2019 17:05

Instrument :

MSVOA_N

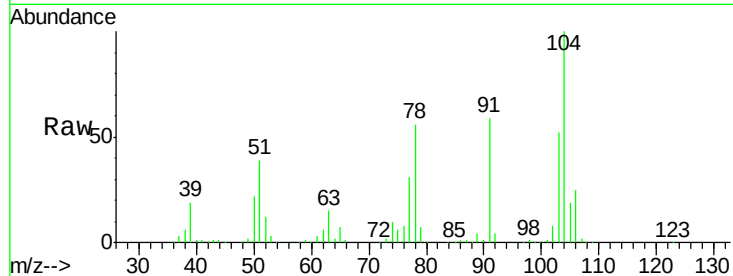
ClientSampled :

ICVVN090319

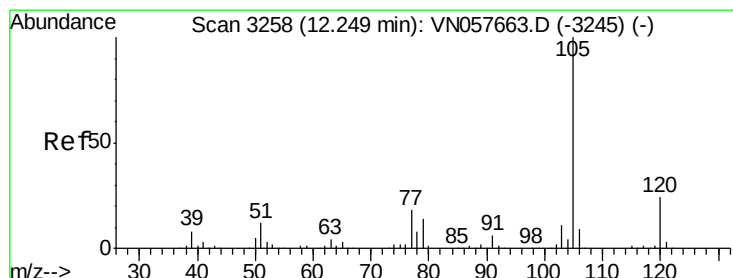
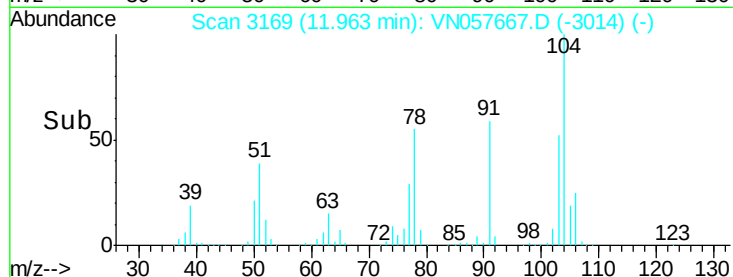
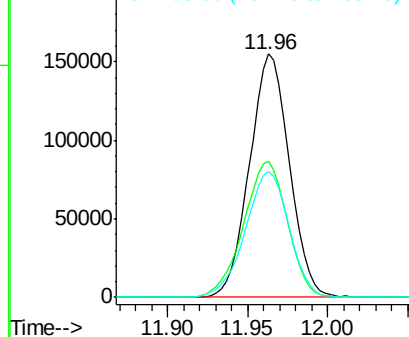
Tot Ion:	104	Resp:	265033
Ion Ratio	Lower	Upper	
104	100		
78	61.4	49.0	73.6
103	56.7	44.9	67.3

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



#70

Isopropylbenzene

Concen: 20.792 ug/l

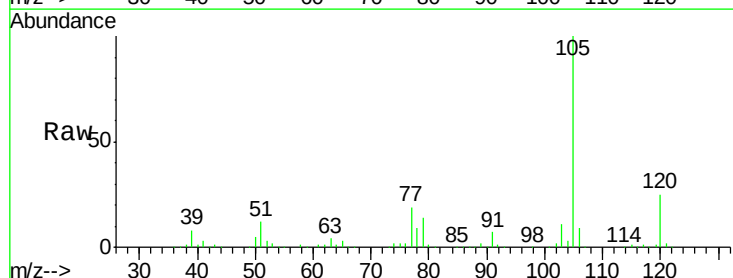
RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

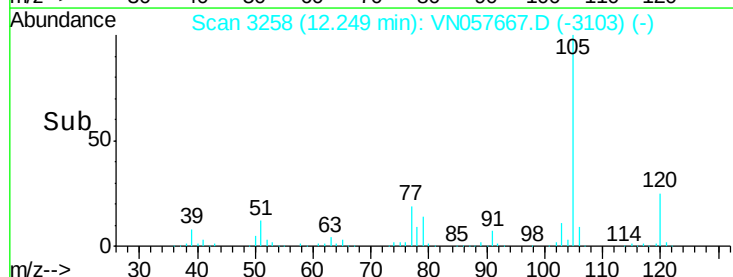
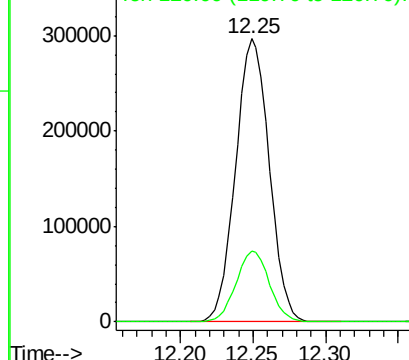
Lab File: VN057667.D

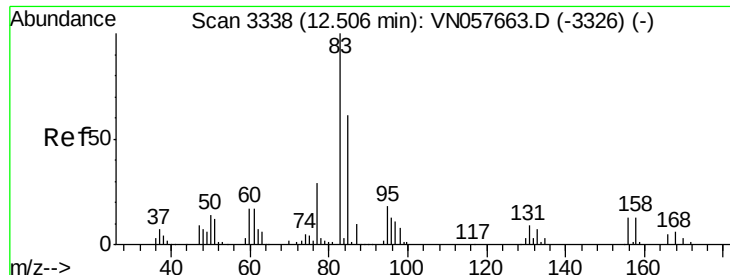
Acq: 3 Sep 2019 17:05

Tgt Ion:	105	Resp:	477960
Ion Ratio	Lower	Upper	
105	100		
120	24.7	17.2	32.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 21.086 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. -0.00 min

Lab File: VN057667.D

Acq: 3 Sep 2019 17:05

Instrument :

MSVOA_N

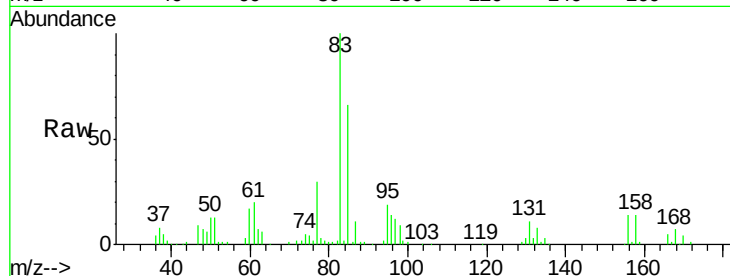
ClientSampled :

ICVVN090319

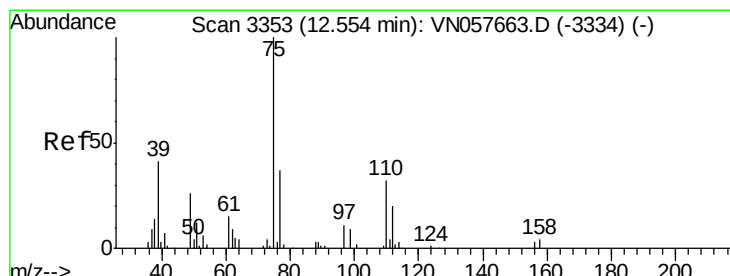
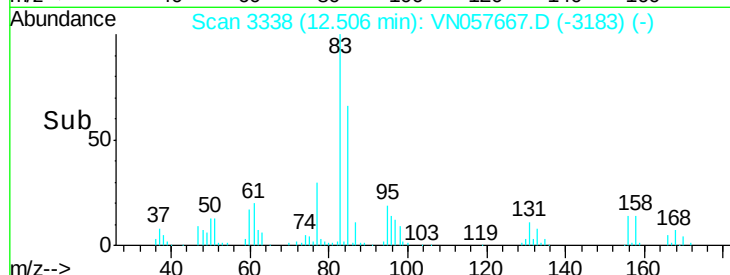
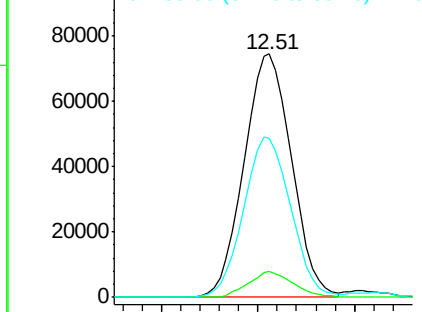
Tot Ion:	83	Resp:	127540
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	14.9
85	65.5	31.7	95.1

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Abundance Ion 83.00 (82.70 to 83.70): VN057667.D (-3183) (-)



#72

1,2,3-Trichloropropane

Concen: 21.884 ug/l m

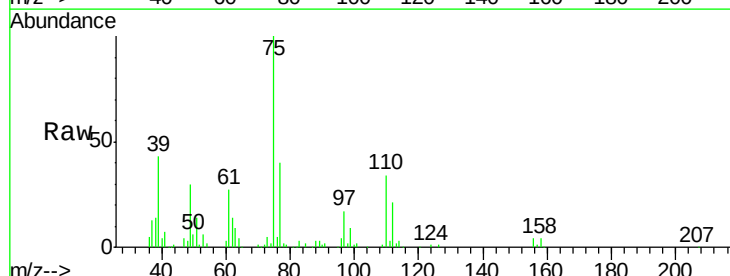
RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

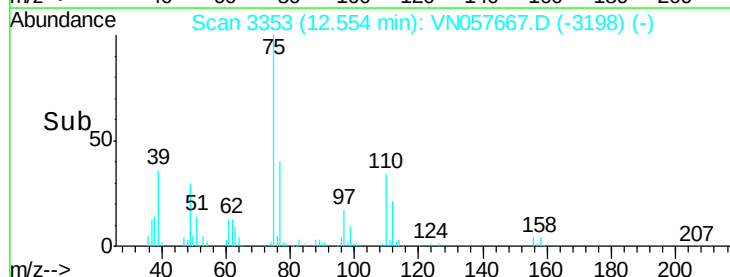
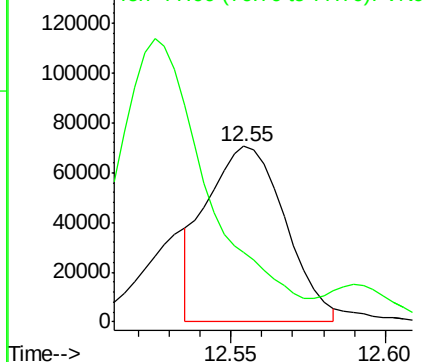
Lab File: VN057667.D

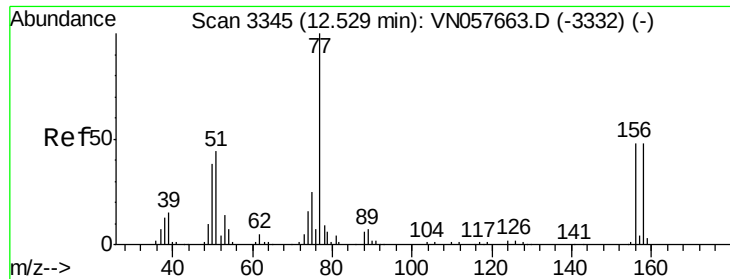
Acq: 3 Sep 2019 17:05

Tgt Ion:	75	Resp:	124485
Ion	Ratio	Lower	Upper
75	100		
77	186.7	0.0	405.6



Abundance Ion 75.00 (74.70 to 75.70): VN057667.D (-3198) (-)





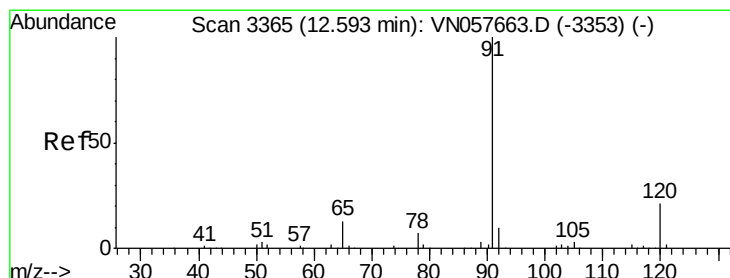
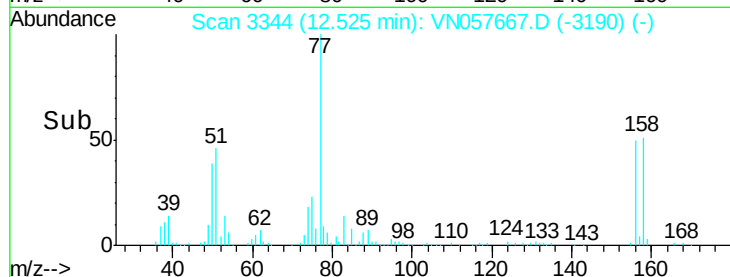
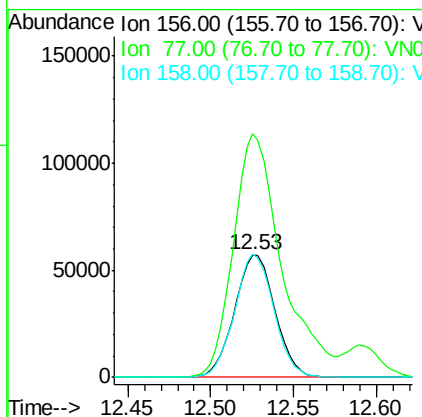
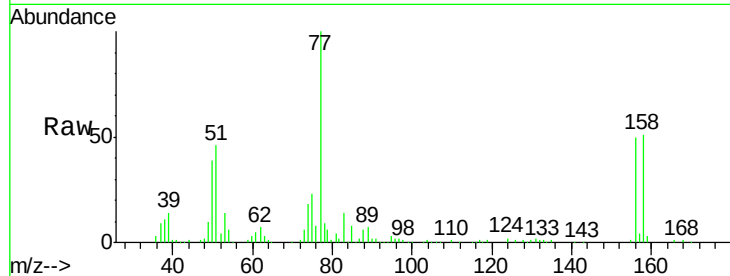
#73
Bromobenzene
Concen: 19.963 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090319

Tot Ion	Ratio	Lower	Upper
156	100		
77	239.1	0.0	495.6
158	97.6	0.0	197.8

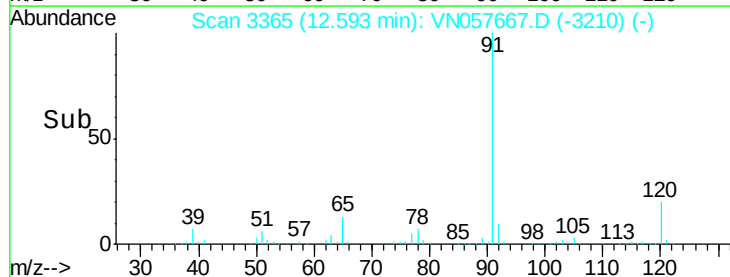
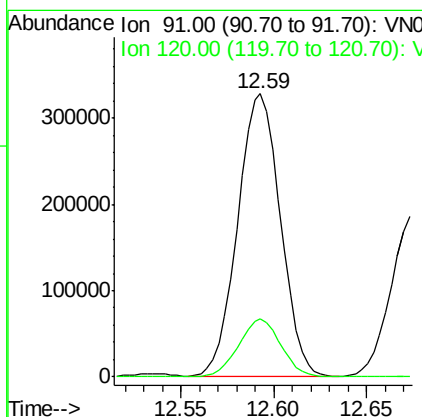
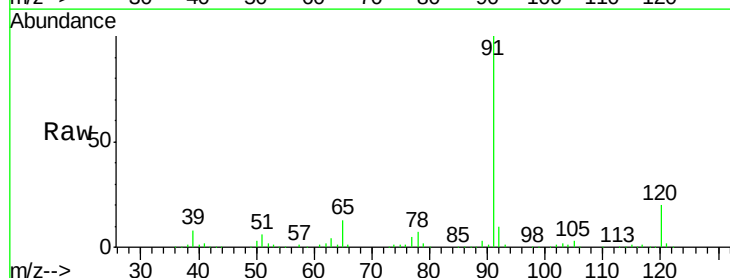
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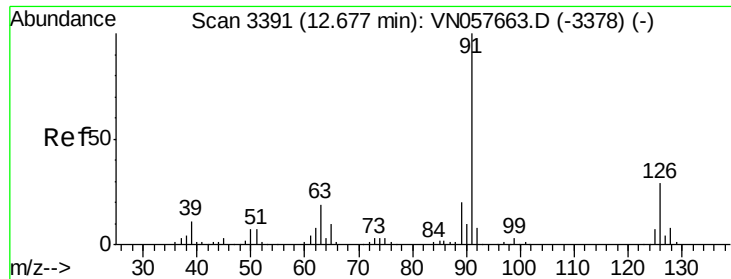
MMDadoda
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#74
n-propylbenzene
Concen: 20.674 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. -0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Tgt Ion	Ratio	Lower	Upper
91	100		
120	20.1	0.0	40.4





#75

2-Chlorotoluene

Concen: 20.119 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN057667.D

Acq: 3 Sep 2019 17:05

Instrument :

MSVOA_N

ClientSampled :

ICVVN090319

Tot Ion: 91 Resp: 320521

Ion Ratio Lower Upper

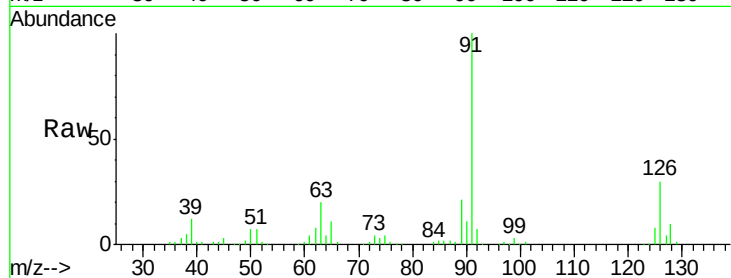
91 100

126 30.2 0.0 59.2

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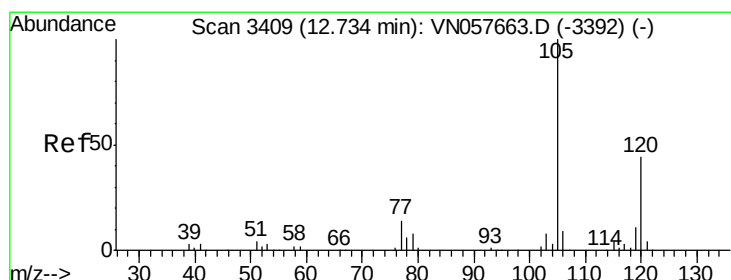
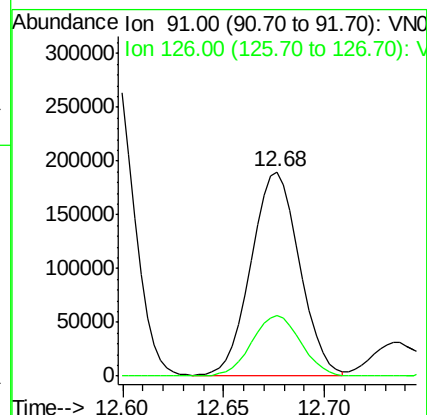
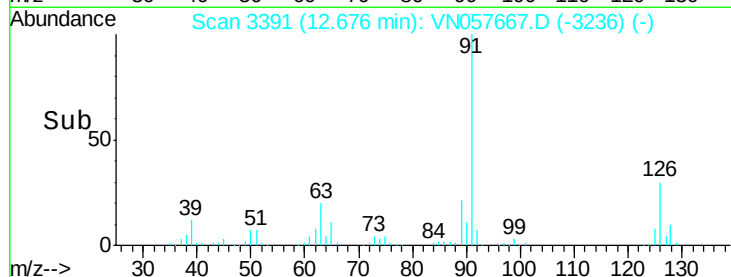
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VN057667.D (-3236) (-)

Ion 126.00 (125.70 to 126.70): VN057667.D (-3236) (-)



#76

1,3,5-Trimethylbenzene

Concen: 20.816 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN057667.D

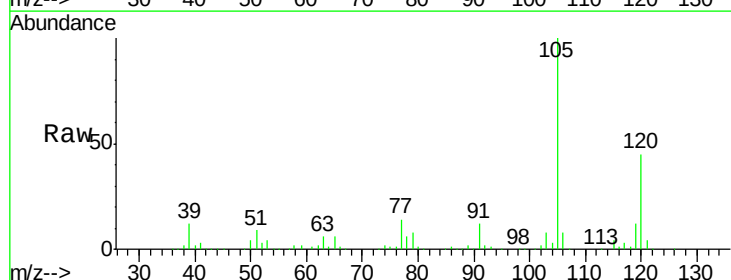
Acq: 3 Sep 2019 17:05

Tgt Ion: 105 Resp: 397258

Ion Ratio Lower Upper

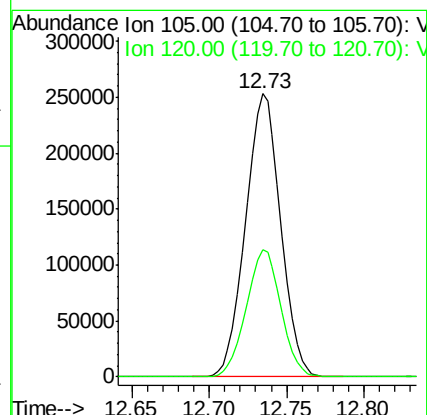
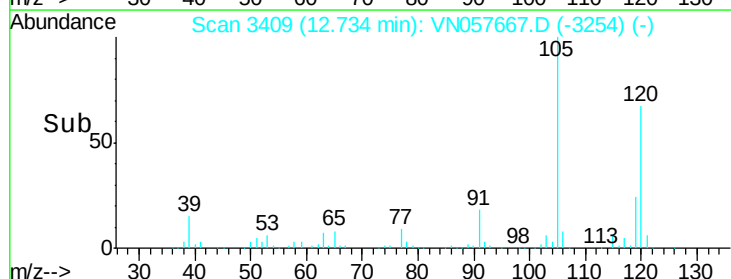
105 100

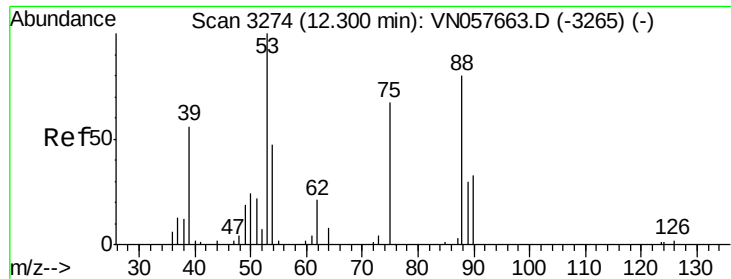
120 44.7 0.0 91.0



Abundance Ion 105.00 (104.70 to 105.70): VN057667.D (-3254) (-)

Ion 120.00 (119.70 to 120.70): VN057667.D (-3254) (-)





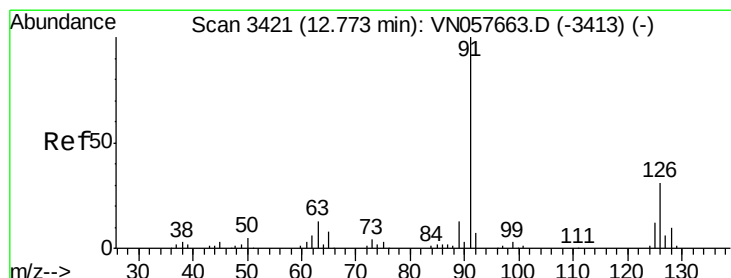
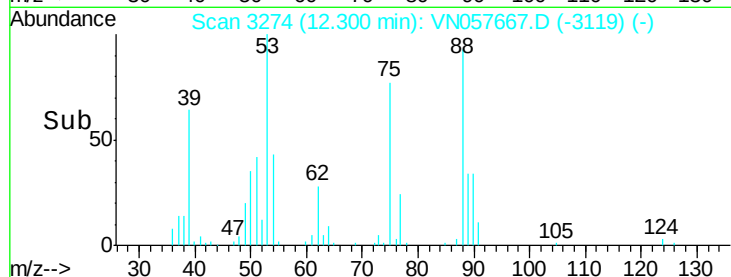
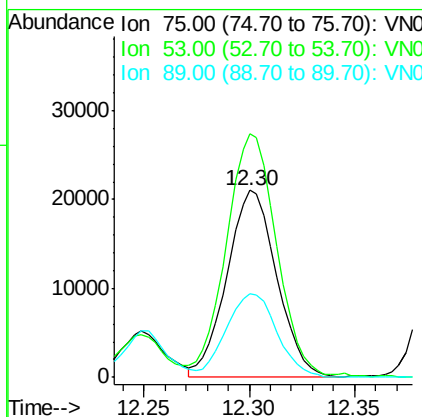
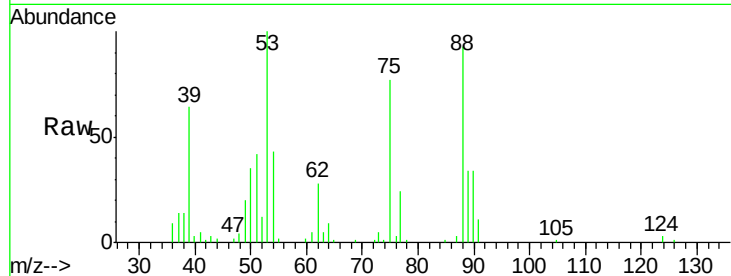
#77
t-1,4-Dichloro-2-butene
Concen: 19.867 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090319

Tot Ion	Ratio	Lower	Upper
75	100		
53	128.8	74.2	222.6
89	44.6	23.3	69.9

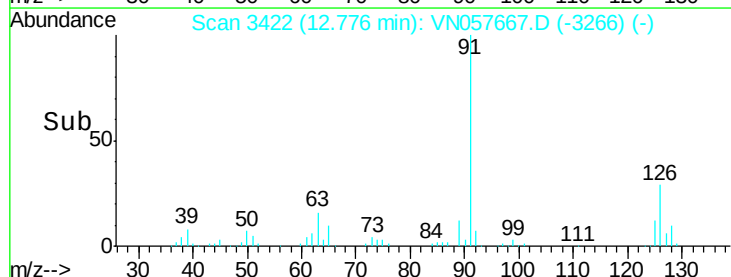
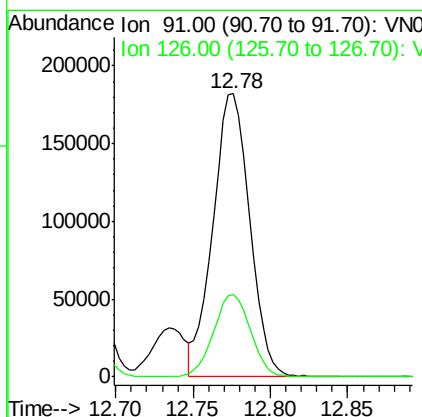
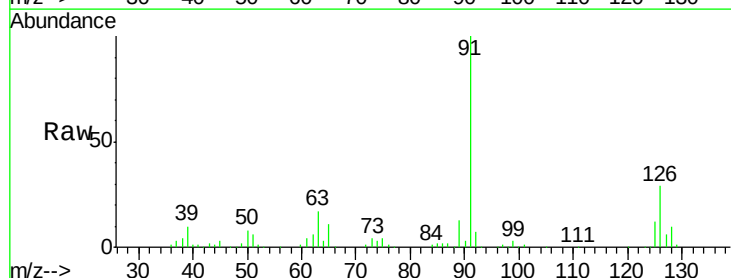
Manual Integrations
APPROVED

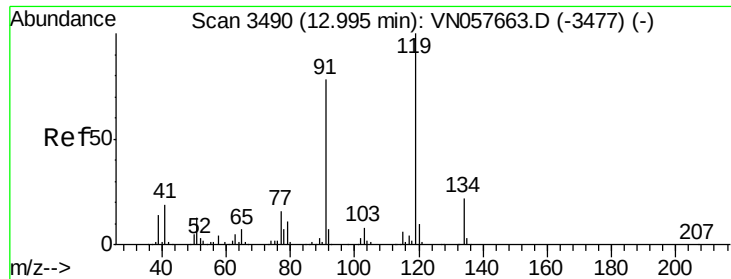
MMDadoda
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#78
4-Chlorotoluene
Concen: 19.949 ug/l
RT: 12.78 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.2	0.0	57.8





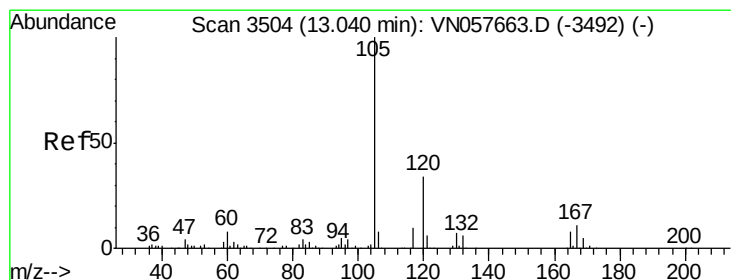
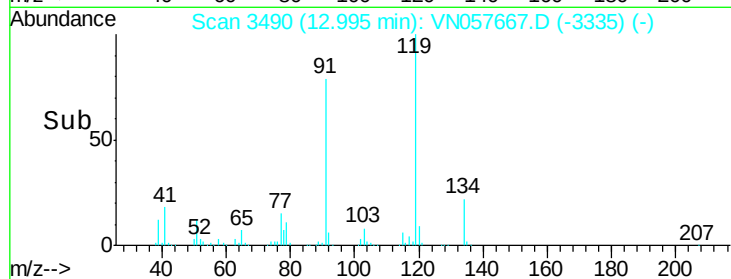
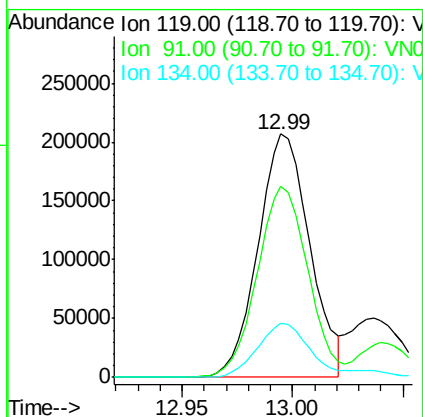
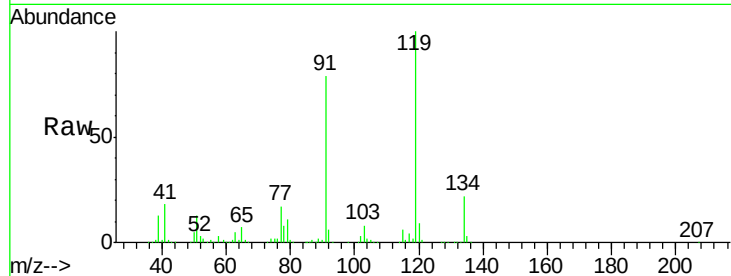
#79
tert-butylbenzene
Concen: 20.451 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Instrument :
MSVOA_N
ClientSampled :
ICVVN090319

Tot Ion	Ratio	Resp	Lower	Upper
119	100	335190		
91	77.5	0.0	155.6	
134	22.2	0.0	48.2	

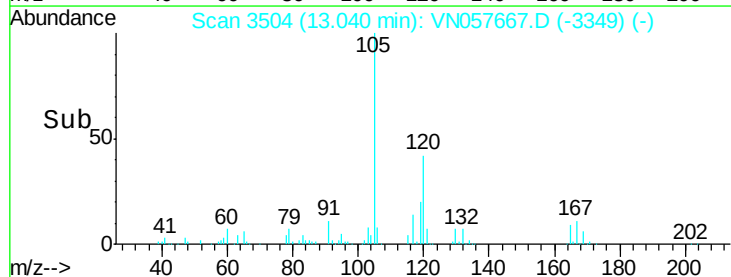
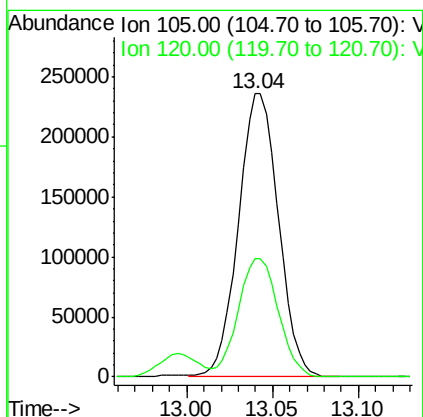
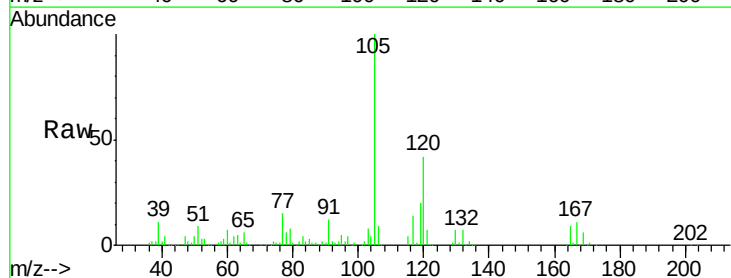
Manual Integrations
APPROVED

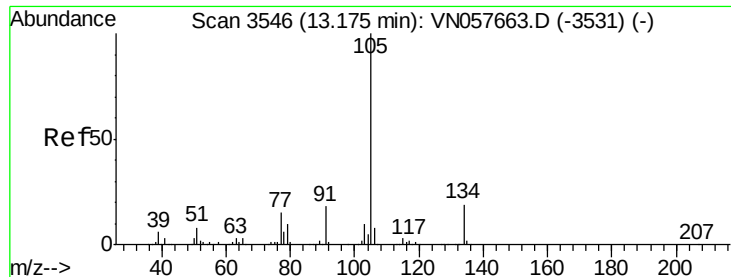
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 21.158 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	379381		
120	42.2	0.0	83.4	





#81

sec-Butylbenzene

Concen: 20.473 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. -0.00 min

Lab File: VN057667.D

Acq: 3 Sep 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090319

Tot Ion:105 Resp: 432424

Ion Ratio Lower Upper

105 100

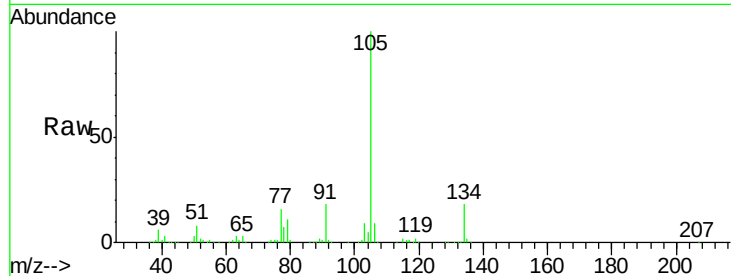
134 18.0 0.0 36.2

Manual Integrations

APPROVED

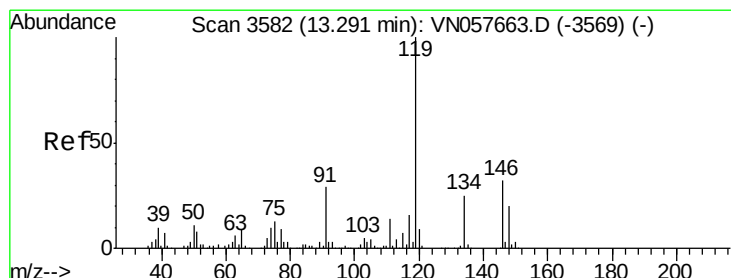
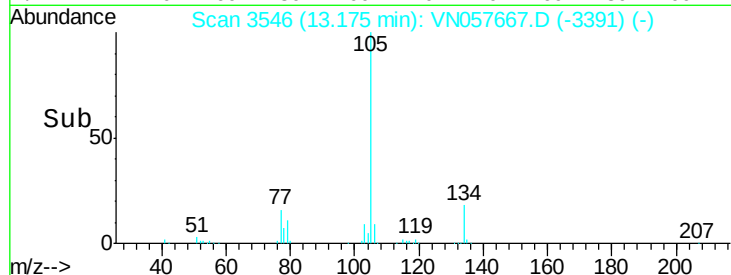
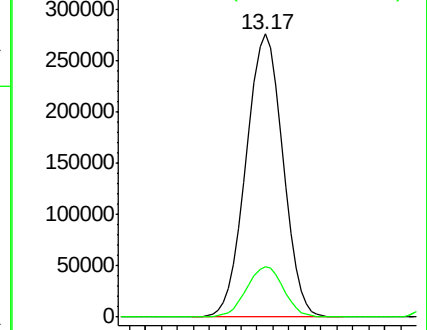
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 20.389 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN057667.D

Acq: 3 Sep 2019 17:05

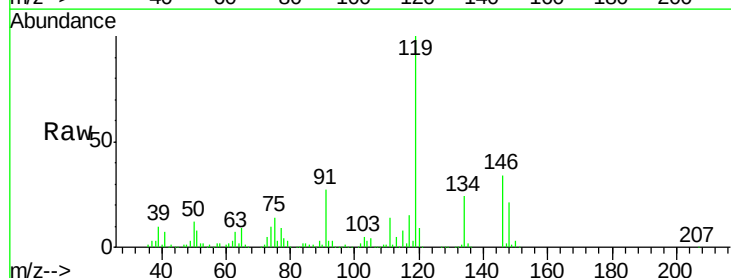
Tgt Ion:119 Resp: 365778

Ion Ratio Lower Upper

119 100

134 24.6 0.0 49.6

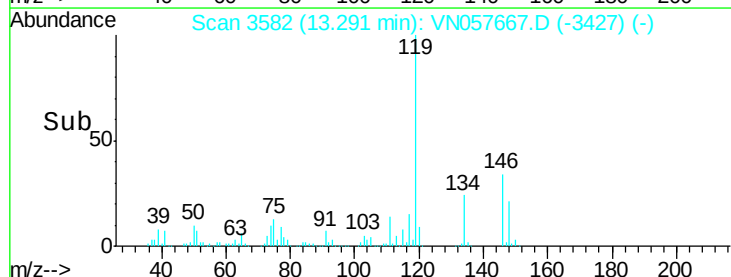
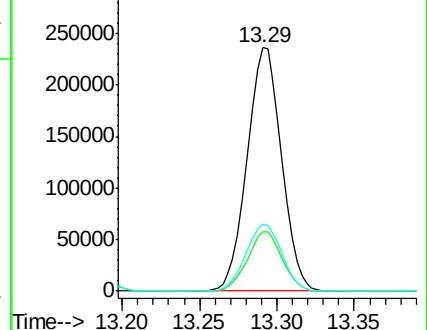
91 28.5 0.0 56.2

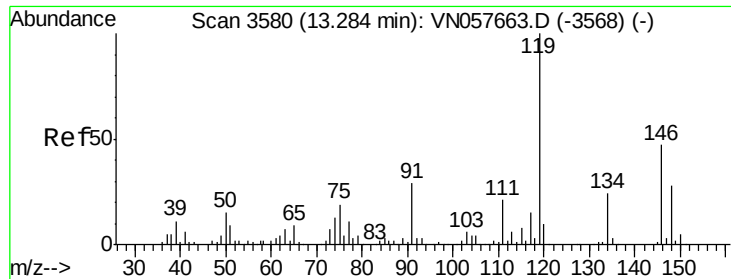


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#83

1,3-Dichlorobenzene

Concen: 20.194 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN057667.D

Acq: 3 Sep 2019 17:05

Instrument :

MSVOA_N

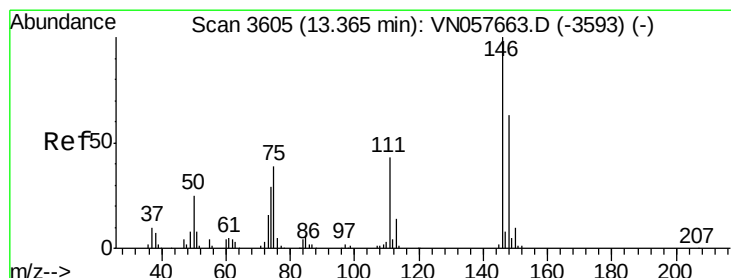
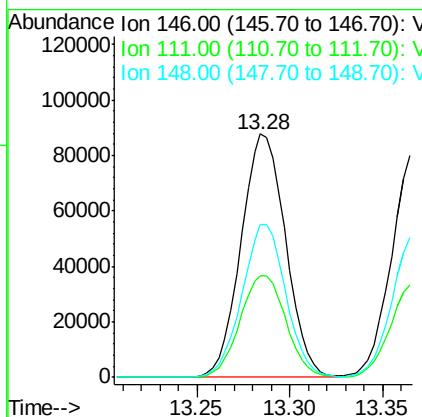
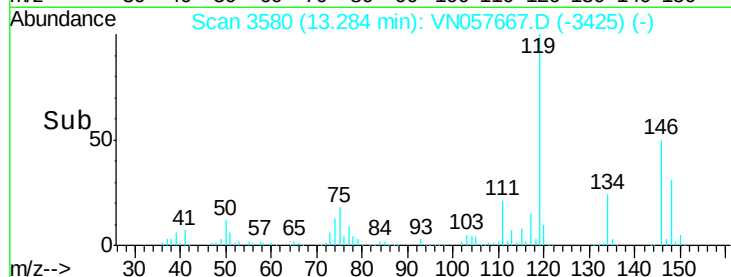
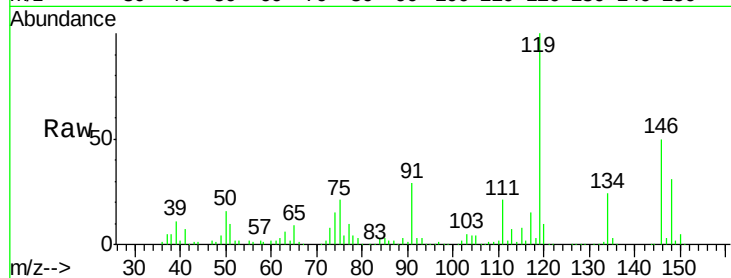
ClientSampled :

ICVVN090319

Tot Ion:	146	Resp:	147330
Ion Ratio	Lower	Upper	
146	100		
111	43.0	22.1	66.3
148	61.8	31.3	93.9

Manual Integrations
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#84

1,4-Dichlorobenzene

Concen: 19.495 ug/l

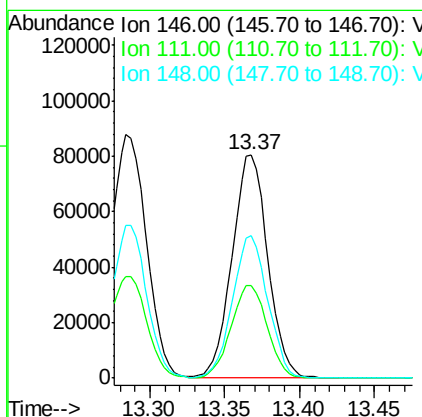
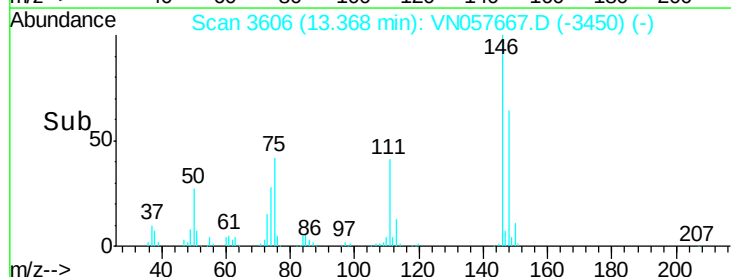
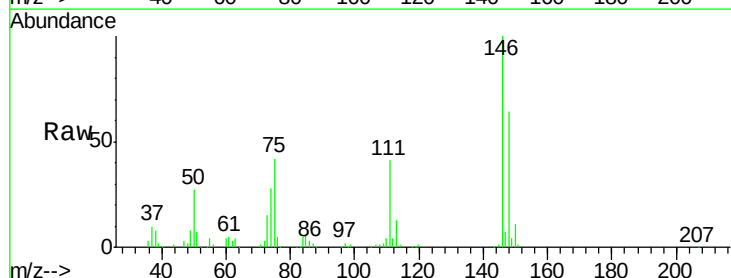
RT: 13.37 min Scan# 3606

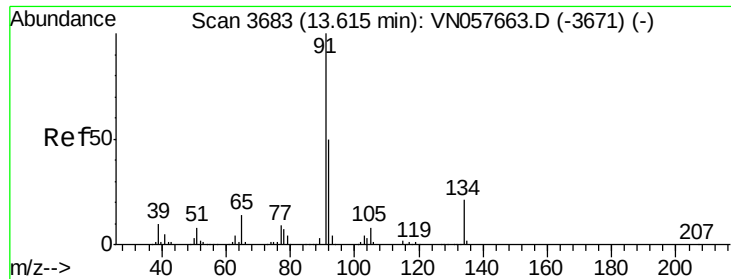
Delta R.T. 0.00 min

Lab File: VN057667.D

Acq: 3 Sep 2019 17:05

Tgt Ion:	146	Resp:	134272
Ion Ratio	Lower	Upper	
146	100		
111	42.0	21.3	63.9
148	62.9	31.0	93.0





#85

n-Butylbenzene

Concen: 21.424 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN057667.D

Acq: 3 Sep 2019 17:05

Instrument :

MSVOA_N

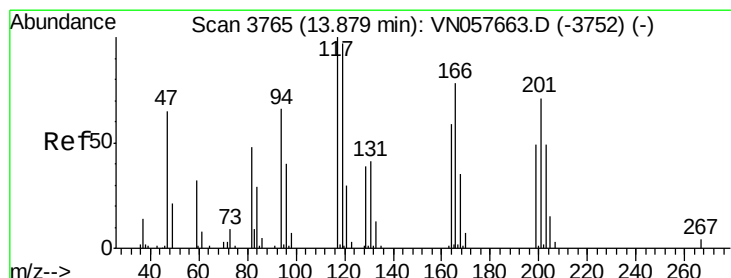
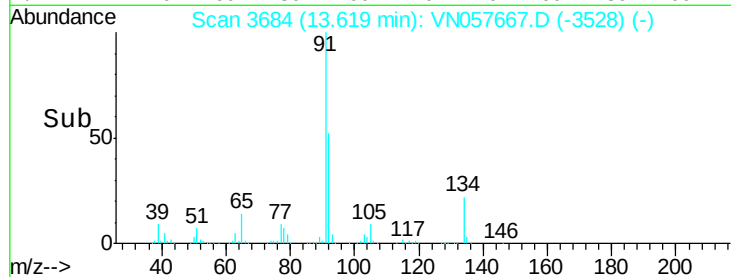
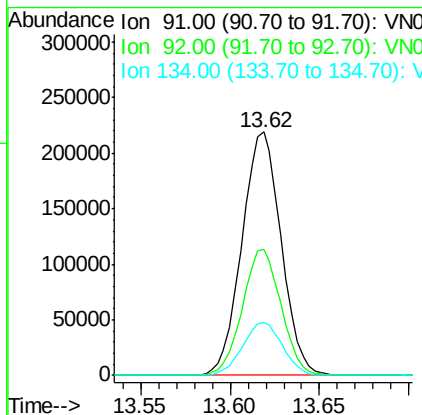
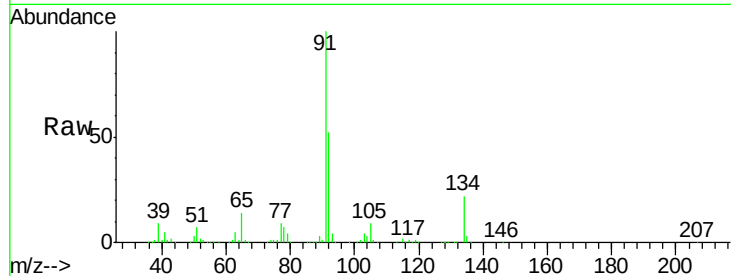
ClientSampleId :

ICVVN090319

Tot Ion:	91	Resp:	337821
Ion Ratio	Lower	Upper	
91	100		
92	50.9	0.0	100.2
134	22.0	0.0	43.8

Manual Integrations
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#86

Hexachloroethane

Concen: 20.830 ug/l

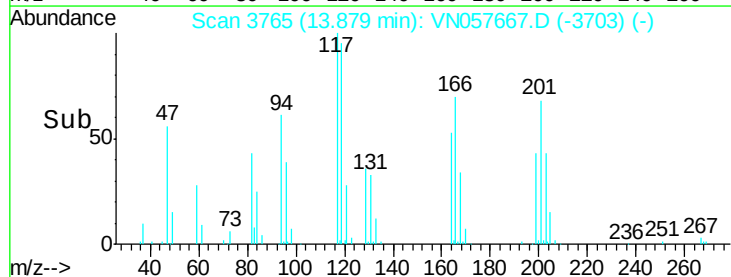
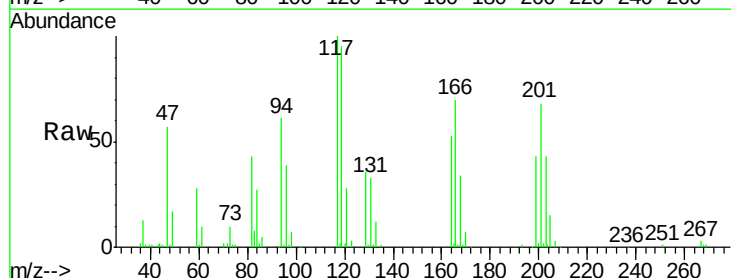
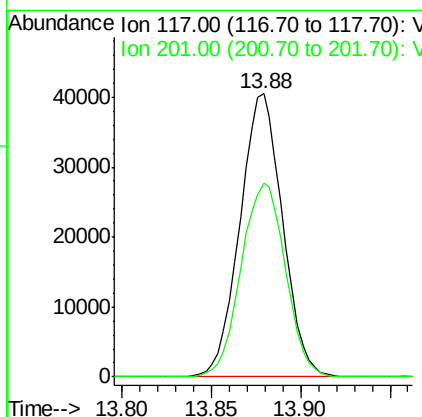
RT: 13.88 min Scan# 3765

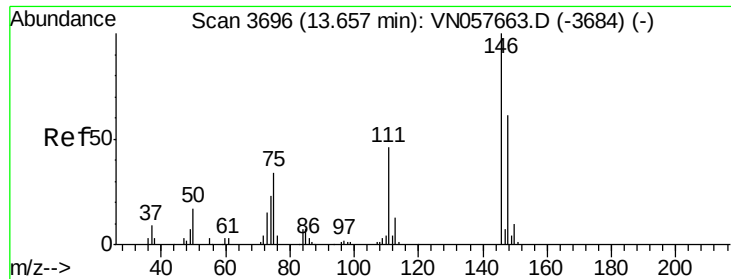
Delta R.T. -0.00 min

Lab File: VN057667.D

Acq: 3 Sep 2019 17:05

Tgt Ion:	117	Resp:	67621
Ion Ratio	Lower	Upper	
117	100		
201	71.0	34.1	102.2





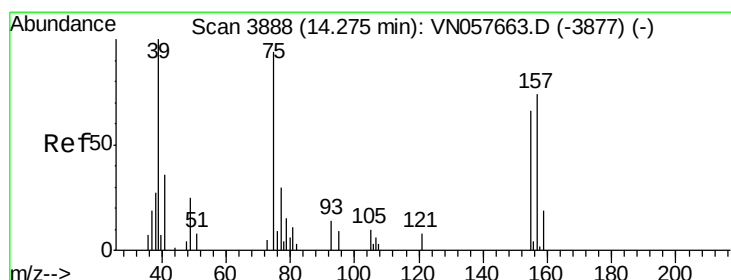
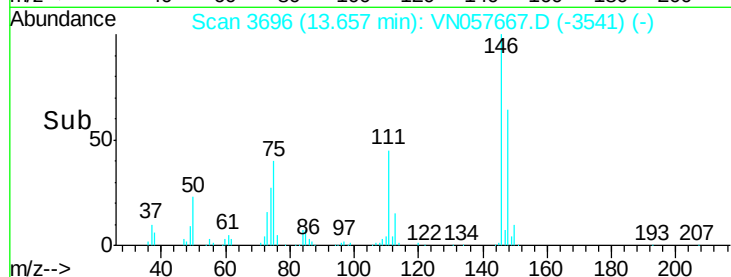
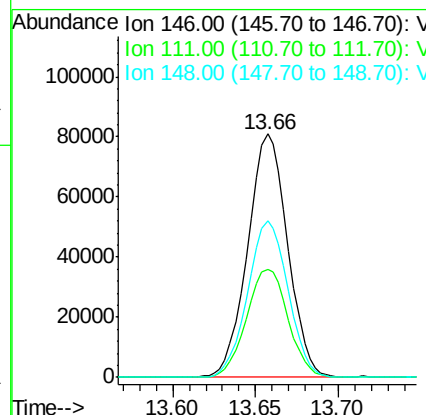
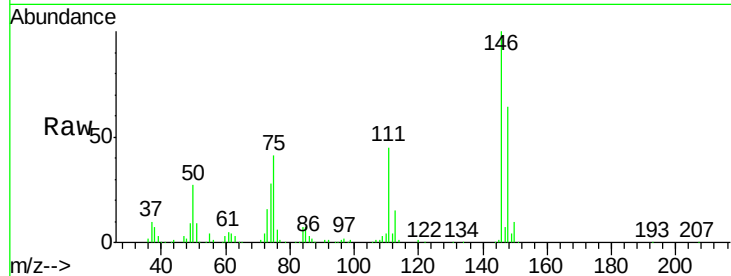
#87
 1,2-Dichlorobenzene
 Concen: 20.116 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN057667.D
 Acq: 3 Sep 2019 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090319

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.3	22.6	67.7
148	65.0	31.3	93.9

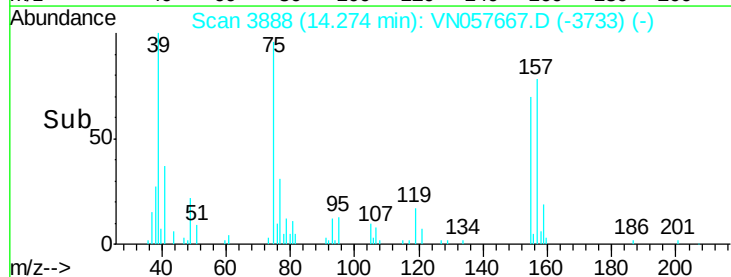
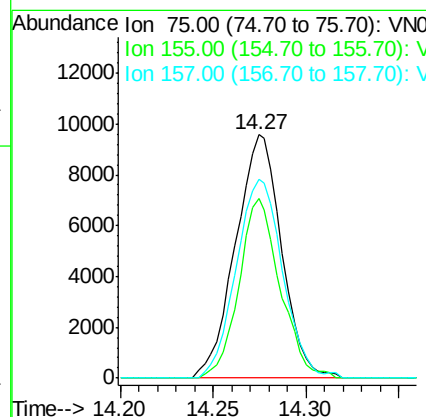
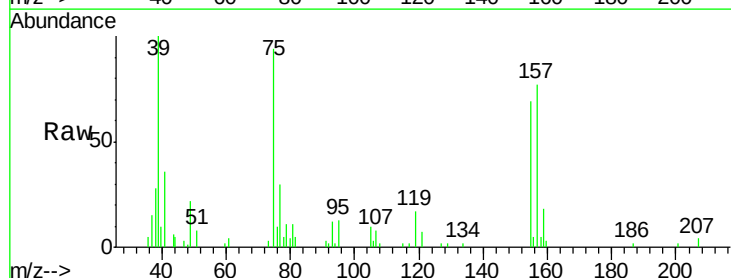
Manual Integrations
 APPROVED

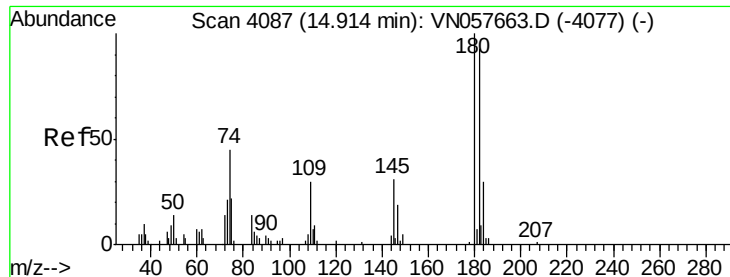
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.540 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN057667.D
 Acq: 3 Sep 2019 17:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	65.6	54.6	82.0
157	82.3	65.5	98.3





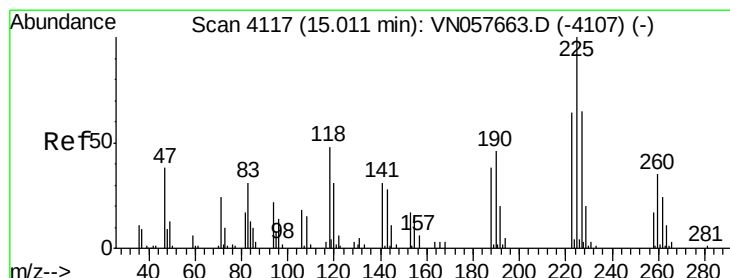
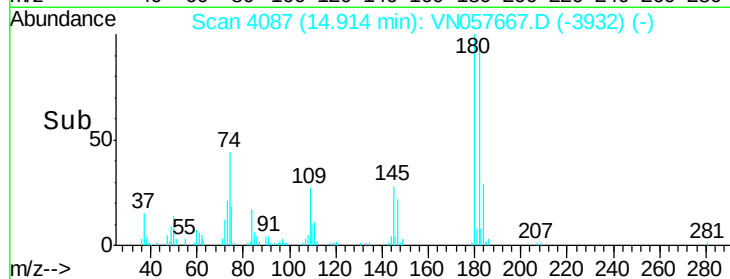
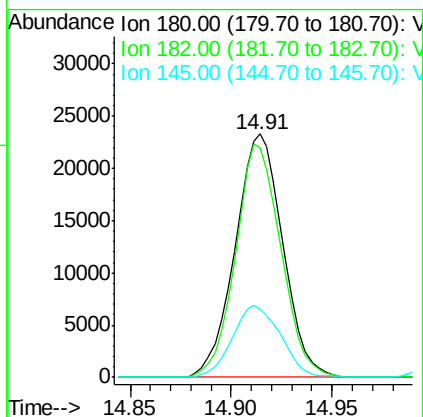
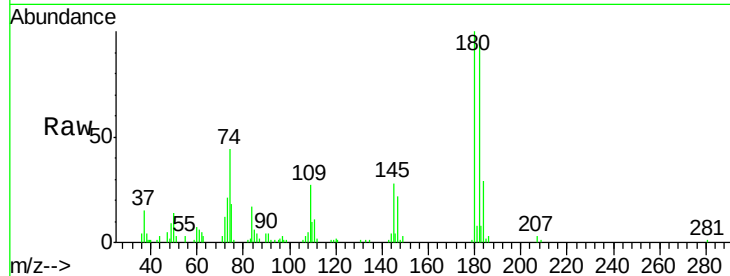
#89
1,2,4-Trichlorobenzene
Concen: 16.470 ug/l
RT: 14.91 min Scan# 4087
Delta R.T. -0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090319

Tot Ion	Ratio	Resp	Lower	Upper
180	100	38412		
182	91.6	77.4	116.2	
145	30.1	25.1	37.7	

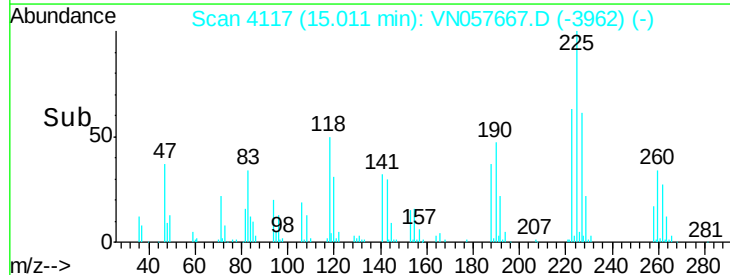
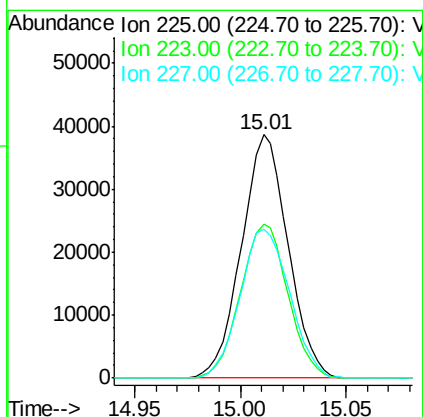
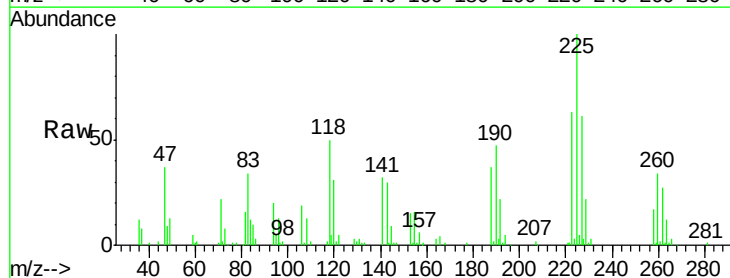
Manual Integrations
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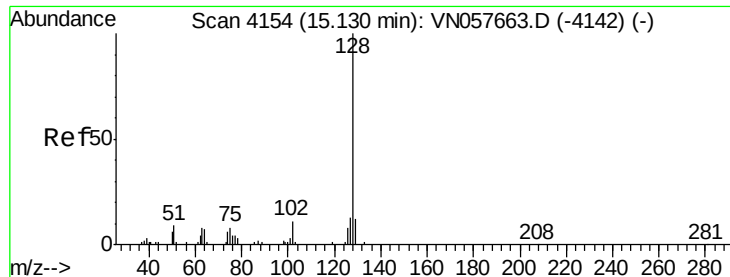
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#90
Hexachlorobutadiene
Concen: 22.973 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. -0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59426		
223	64.3	0.0	131.0	
227	65.0	0.0	128.6	





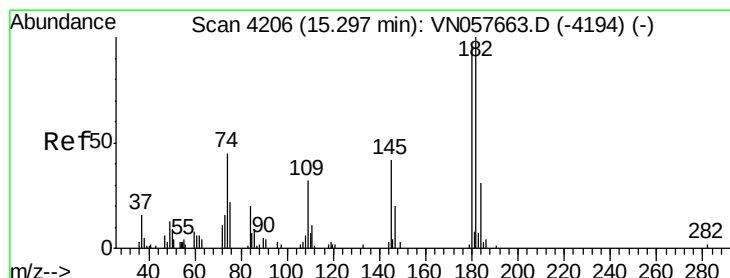
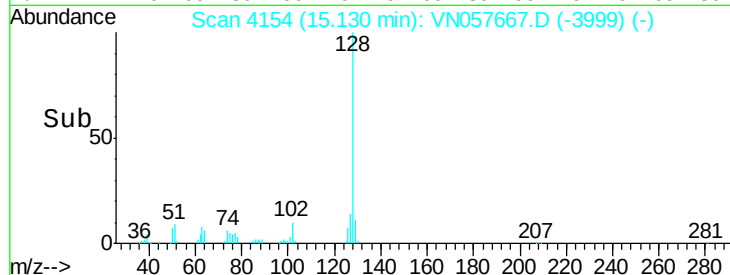
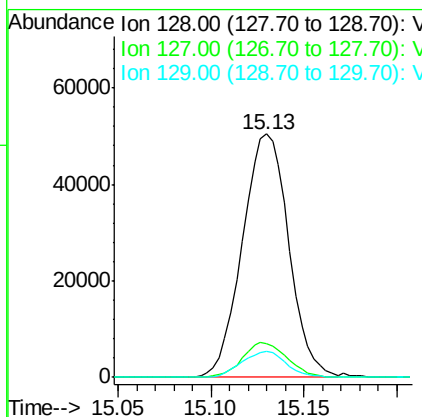
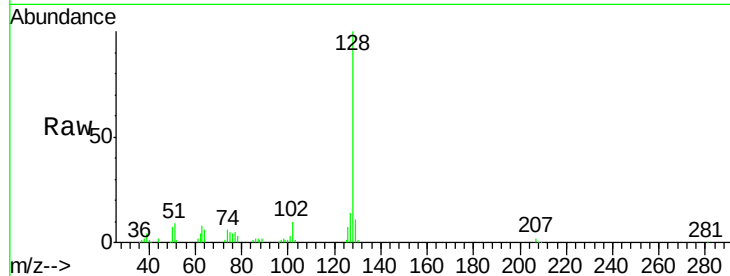
#91
Naphthalene
Concen: 14.541 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Instrument :
MSVOA_N
ClientSampled :
ICVVN090319

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.3	15.5
129	10.2	9.1	13.7

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 15.312 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. -0.00 min
Lab File: VN057667.D
Acq: 3 Sep 2019 17:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	0.0	199.4
145	35.5	0.0	73.2

