

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100319\
 Data File : VN058505.D
 Acq On : 3 Oct 2019 13:31
 Operator : JC/SP
 Sample : VN1003WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 9:30:09 AM

Quant Time: Oct 04 04:06:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	303451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	516190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	471257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	209630	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	173096	39.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.06%	
35) Dibromofluoromethane	7.58	113	121514	38.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.82%	
50) Toluene-d8	10.08	98	459032	37.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.08%	
62) 4-Bromofluorobenzene	12.41	95	161932	36.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	60451	18.168	ug/l	95
3) Chloromethane	2.04	50	69592	19.025	ug/l	100
4) Vinyl Chloride	2.17	62	66706	18.615	ug/l	96
5) Bromomethane	2.55	94	37166	19.526	ug/l	98
6) Chloroethane	2.69	64	39842	18.556	ug/l	95
7) Trichlorofluoromethane	3.00	101	80968	18.724	ug/l	94
8) Diethyl Ether	3.39	74	34350	18.410	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	55140	18.775	ug/l	99
10) Methyl Iodide	3.93	142	52713	16.187	ug/l	99
11) Tert butyl alcohol	4.76	59	48184	97.809	ug/l #	81
12) 1,1-Dichloroethene	3.72	96	50101	17.502	ug/l	98
13) Acrolein	3.59	56	28968	184.879	ug/l	96
14) Allyl chloride	4.30	41	93430	17.935	ug/l	98
15) Acrylonitrile	4.97	53	144810	100.861	ug/l	100
16) Acetone	3.80	43	155313	102.743	ug/l	97
17) Carbon Disulfide	4.03	76	127912	16.951	ug/l	98
18) Methyl Acetate	4.30	43	72542	19.080	ug/l	98
19) Methyl tert-butyl Ether	5.02	73	182412	18.060	ug/l	99
20) Methylene Chloride	4.53	84	65046	18.646	ug/l	96
21) trans-1,2-Dichloroethene	5.02	96	57084	17.933	ug/l	97
22) Diisopropyl ether	5.93	45	204291	18.223	ug/l	95
23) Vinyl Acetate	5.87	43	837027	99.024	ug/l	98
24) 1,1-Dichloroethane	5.83	63	118666	18.809	ug/l	99
25) 2-Butanone	6.81	43	204812	98.683	ug/l	98
26) 2,2-Dichloropropane	6.81	77	94652	18.248	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	68569	18.430	ug/l	98
28) Bromochloromethane	7.18	49	38734	15.359	ug/l	96
29) Tetrahydrofuran	7.19	42	129143	98.038	ug/l	99
30) Chloroform	7.36	83	120153	18.794	ug/l	96
31) Cyclohexane	7.64	56	107599	17.533	ug/l	98
32) 1,1,1-Trichloroethane	7.56	97	97172	18.509	ug/l	99
36) 1,1-Dichloropropene	7.78	75	85840	17.391	ug/l	99
37) Ethyl Acetate	6.91	43	83713	20.004	ug/l	99
38) Carbon Tetrachloride	7.76	117	79339	17.808	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	98541	17.096	ug/l	95
40) Benzene	8.03	78	256648	18.089	ug/l	99
41) Methacrylonitrile	7.16	41	34048m	17.686	ug/l	
42) 1,2-Dichloroethane	8.11	62	101626	18.411	ug/l	100
43) Isopropyl Acetate	8.15	43	137984	17.535	ug/l #	91
44) Trichloroethene	8.82	130	61056	17.428	ug/l	90
45) 1,2-Dichloropropane	9.11	63	70821	18.612	ug/l	99
46) Dibromomethane	9.20	93	45188	18.752	ug/l	96
47) Bromodichloromethane	9.39	83	87671	19.203	ug/l	98
48) Methyl methacrylate	9.19	41	67645	18.878	ug/l	97
49) 1,4-Dioxane	9.19	88	22006	459.298	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	413515	102.301	ug/l	97
52) Toluene	10.15	92	158065	17.700	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	89807	18.072	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	101639	18.426	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	61729	18.984	ug/l	98
56) Ethyl methacrylate	10.43	69	90310	18.303	ug/l	99
57) 1,3-Dichloropropane	10.71	76	109668	18.908	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	182674	92.849	ug/l	100
59) 2-Hexanone	10.75	43	299110	101.625	ug/l	98
60) Dibromochloromethane	10.90	129	58586	17.034	ug/l	99
61) 1,2-Dibromoethane	11.00	107	61279	18.444	ug/l	99
64) Tetrachloroethene	10.63	164	51076	17.059	ug/l	94
65) Chlorobenzene	11.44	112	162669	17.365	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	56221	17.813	ug/l	99
67) Ethyl Benzene	11.51	91	297584	17.539	ug/l	97
68) m/p-Xylenes	11.63	106	213144	33.388	ug/l	95
69) o-Xylene	11.95	106	102280	16.644	ug/l	95
70) Styrene	11.97	104	171889	17.217	ug/l	99
71) Bromoform	12.13	173	34727	16.395	ug/l #	100
73) Isopropylbenzene	12.25	105	277512	17.913	ug/l	100
74) N-amyl acetate	12.08	43	107857	17.500	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	90434	19.741	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	76706m	20.033	ug/l	
77) Bromobenzene	12.53	156	63647	17.521	ug/l	95
78) n-propylbenzene	12.60	91	326344	18.698	ug/l	100
79) 2-Chlorotoluene	12.68	91	194631	18.067	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	235641	18.170	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.31	75	20530	16.285	ug/l	87
82) 4-Chlorotoluene	12.78	91	199045	18.107	ug/l	100
83) tert-Butylbenzene	13.00	119	202556	18.510	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	231405	17.810	ug/l	98
85) sec-Butylbenzene	13.18	105	270950	18.812	ug/l	99
86) p-Isopropyltoluene	13.30	119	236616	18.663	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	114471	17.379	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	111484	17.012	ug/l	97
89) n-Butylbenzene	13.62	91	208346	18.141	ug/l	99
90) Hexachloroethane	13.88	117	36486	19.154	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	114040	18.019	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	14203	17.581	ug/l	98

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QLast Update : Mon Sep 30 08:07:38 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	60015	17.160	ug/l	99
94) Hexachlorobutadiene	15.02	225	34505	19.196	ug/l	97
95) Naphthalene	15.13	128	155193	15.132	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	58713	16.728	ug/l	98

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

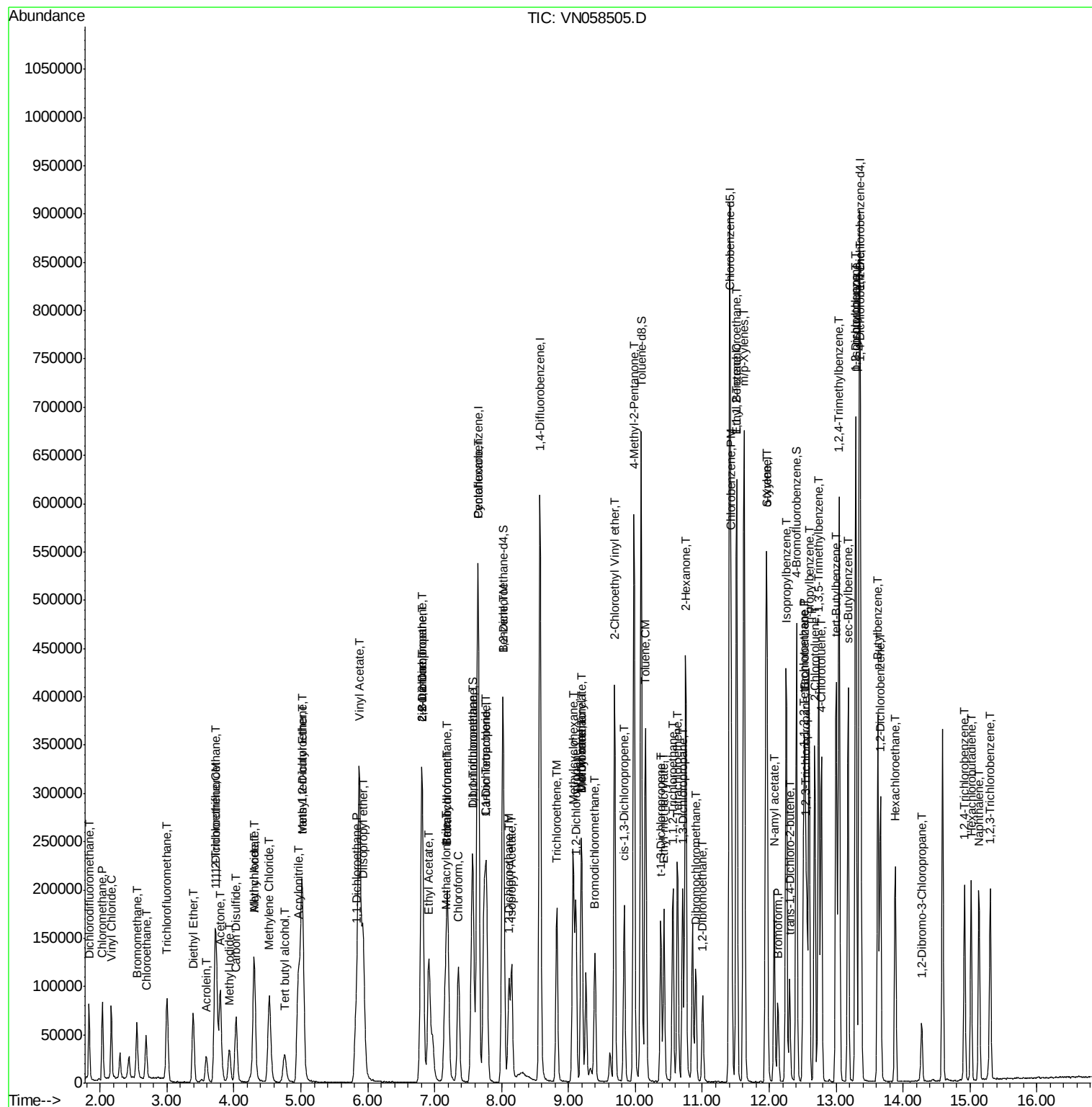
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Data File : VN058505.D
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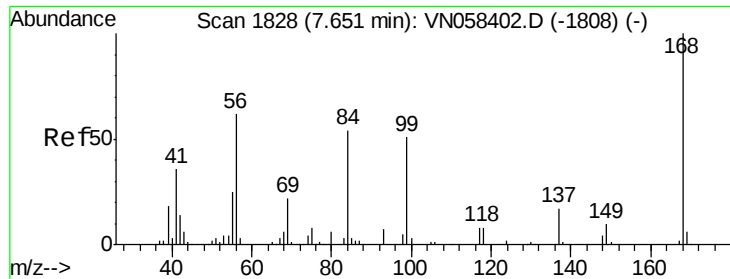
Instrument :
MSVOA_N
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

VN1003WBS01

Tot Ion:168 Resp: 303451

Ion Ratio Lower Upper

168 100

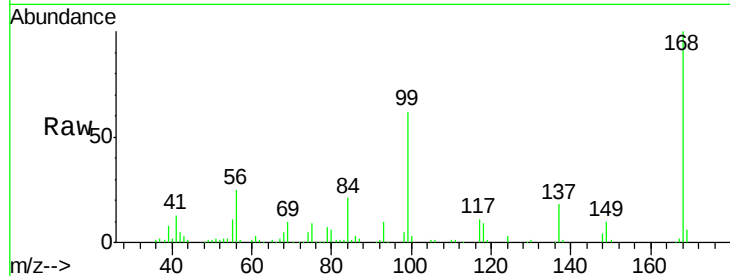
99 61.6 47.7 71.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

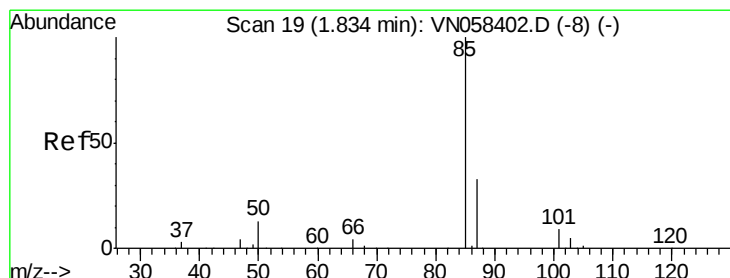
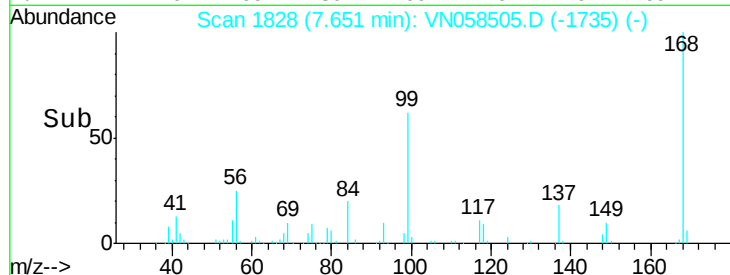
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.168 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN058505.D

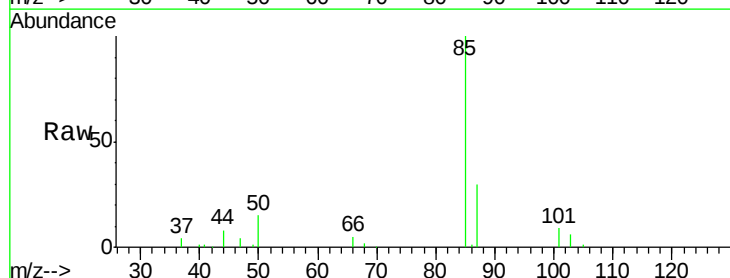
Acq: 3 Oct 2019 13:31

Tgt Ion: 85 Resp: 60451

Ion Ratio Lower Upper

85 100

87 29.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

50000

40000

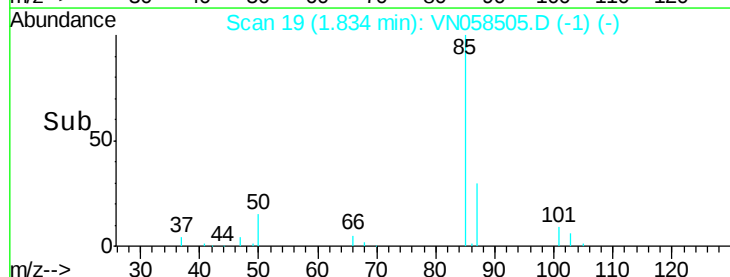
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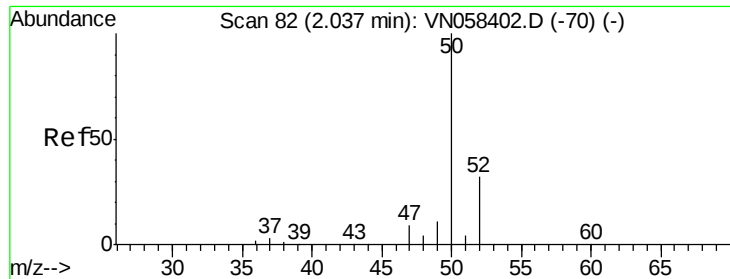
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Time-->





#3

Chloromethane

Concen: 19.025 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

VN1003WBS01

Tot Ion: 50 Resp: 69592

Ion Ratio Lower Upper

50 100

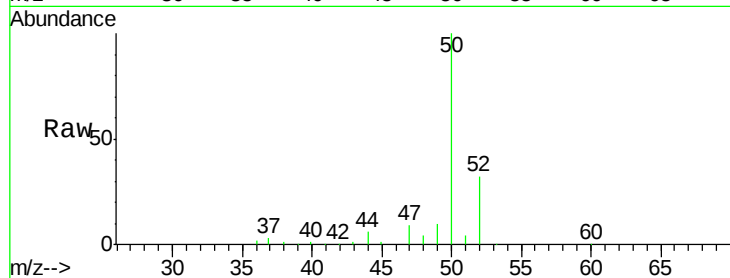
52 32.3 25.9 38.9

Manual Integrations

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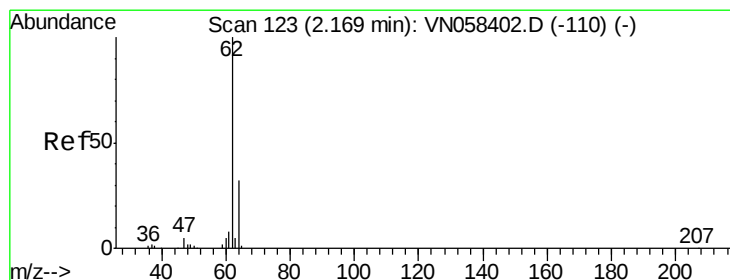
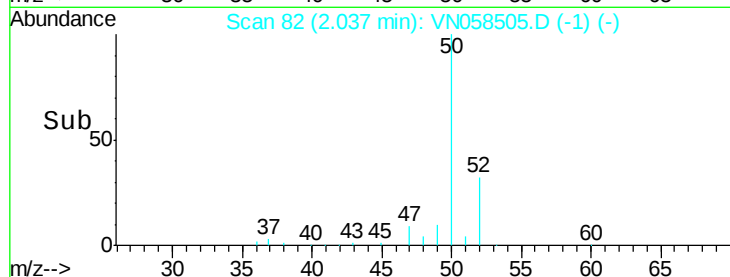
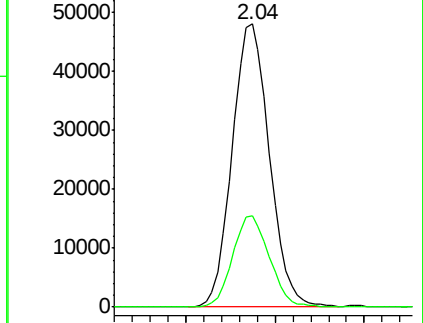
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 18.615 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN058505.D

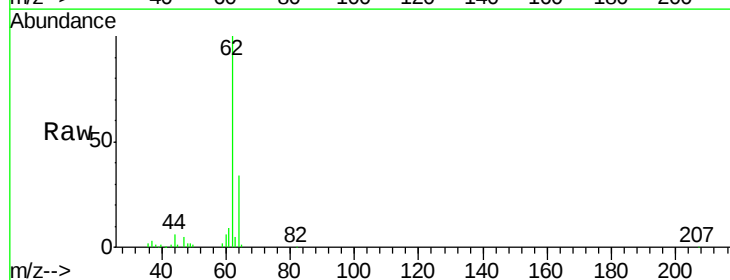
Acq: 3 Oct 2019 13:31

Tgt Ion: 62 Resp: 66706

Ion Ratio Lower Upper

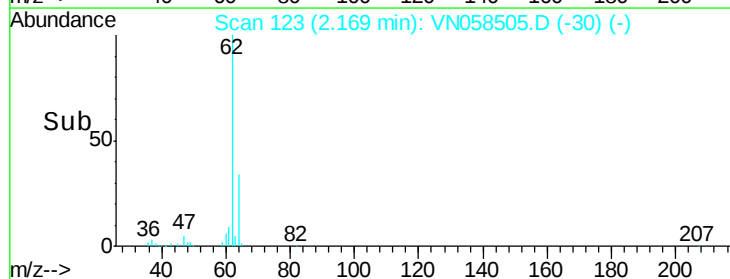
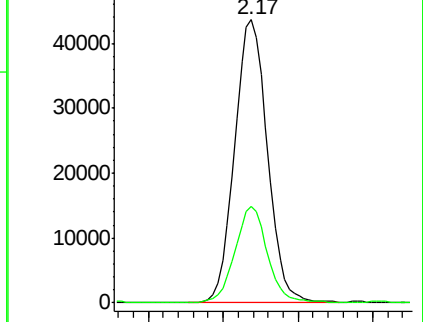
62 100

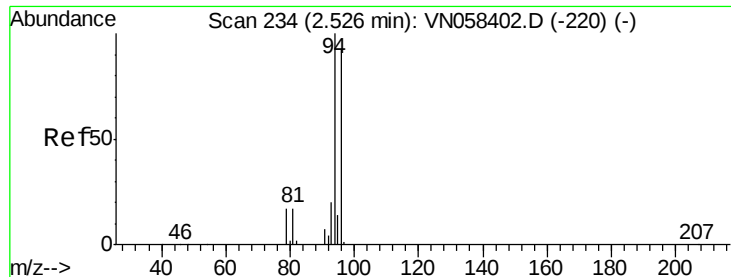
64 34.0 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 19.526 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.03 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Instrument :

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ClientSampleId :

VN1003WBS01

Tot Ion: 94 Resp: 37166

Ion Ratio Lower Upper

94 100

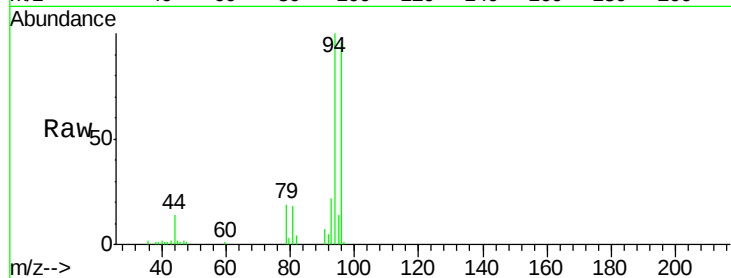
96 95.6 74.8 112.2

Manual Integrations

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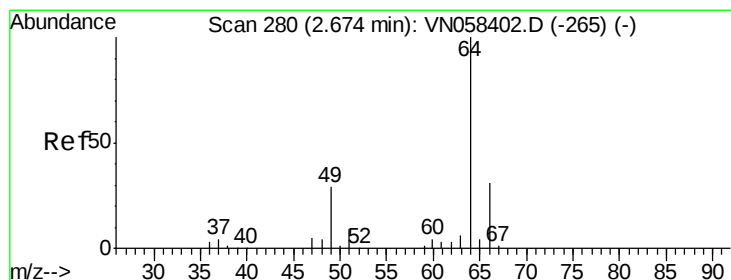
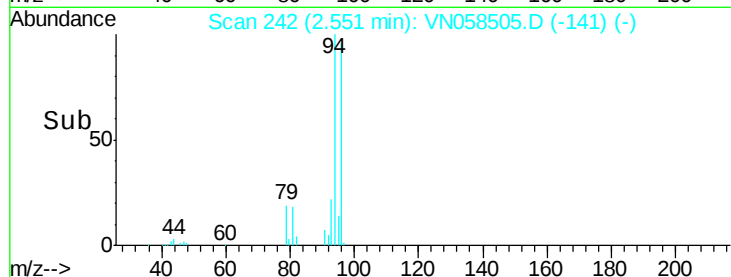
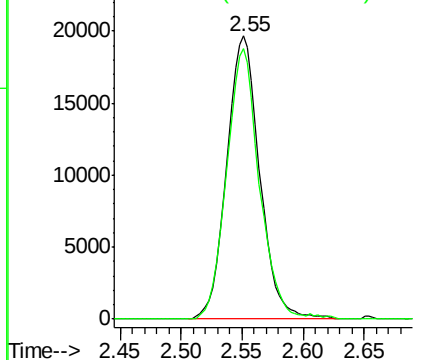
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.556 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.01 min

Lab File: VN058505.D

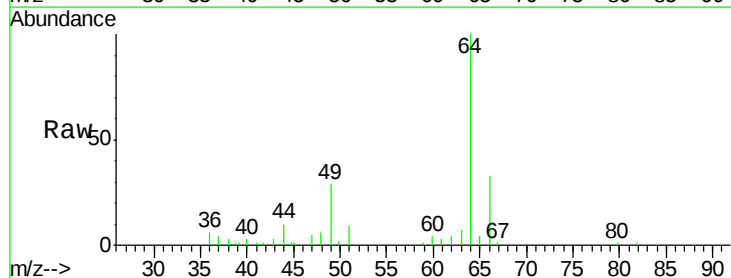
Acq: 3 Oct 2019 13:31

Tgt Ion: 64 Resp: 39842

Ion Ratio Lower Upper

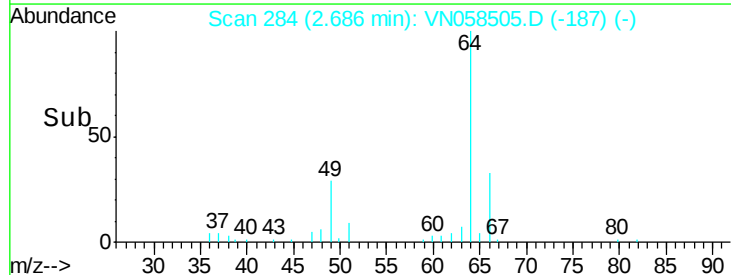
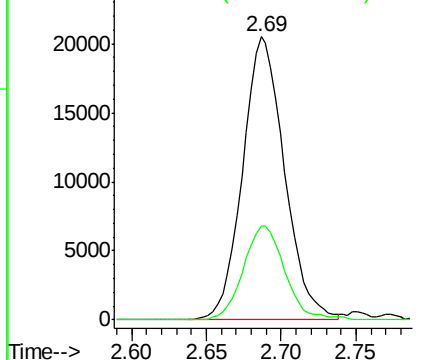
64 100

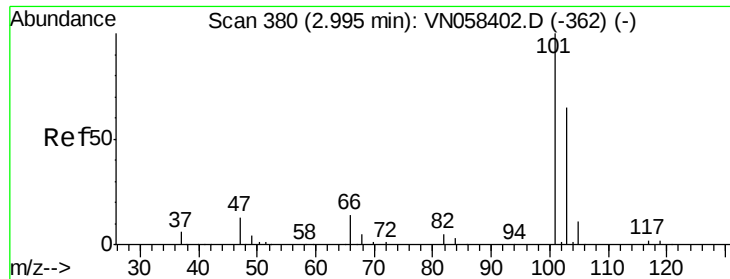
66 33.1 24.4 36.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

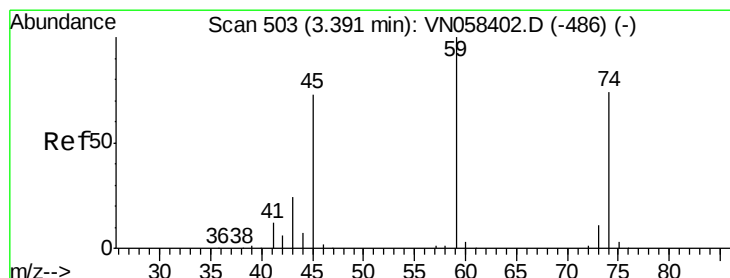
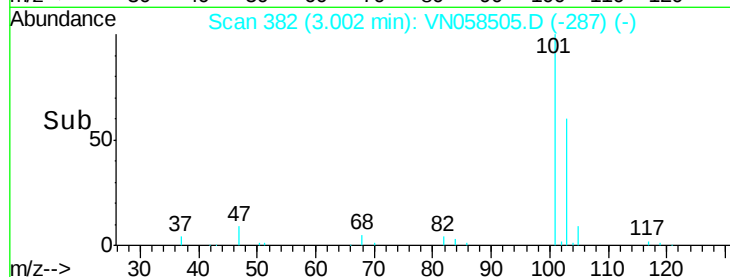
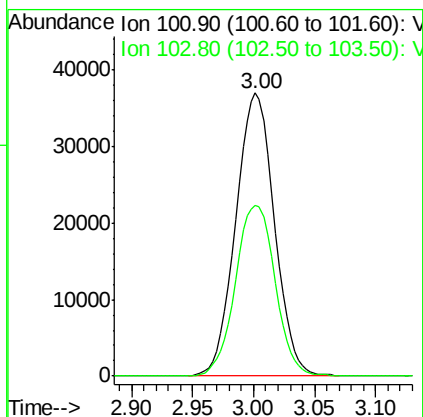
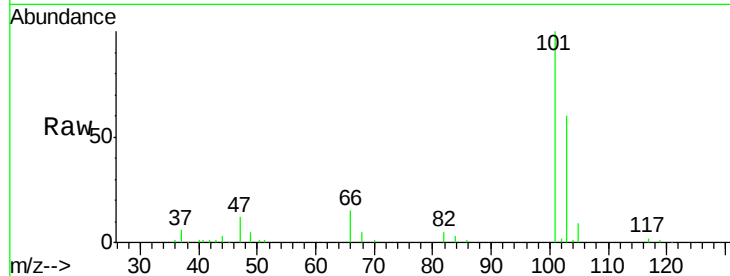
Trichlorofluoromethane
Concen: 18.724 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.01 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

Tot Ion:101 Resp: 80968
Ion Ratio Lower Upper
101 100
103 60.5 52.3 78.5

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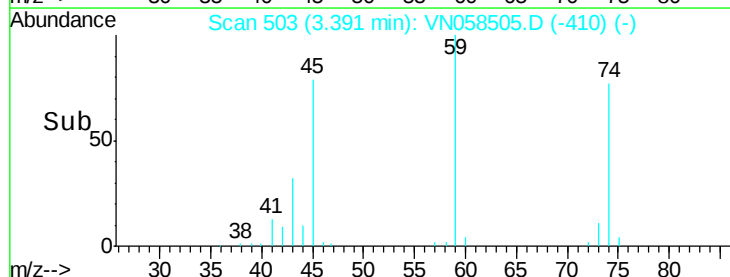
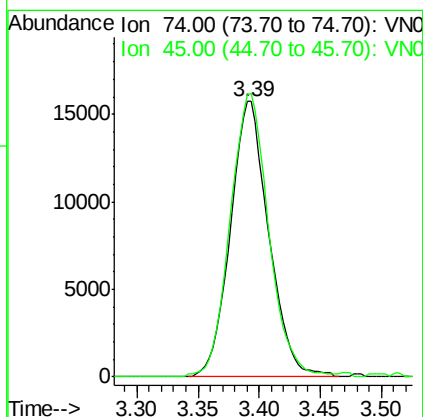
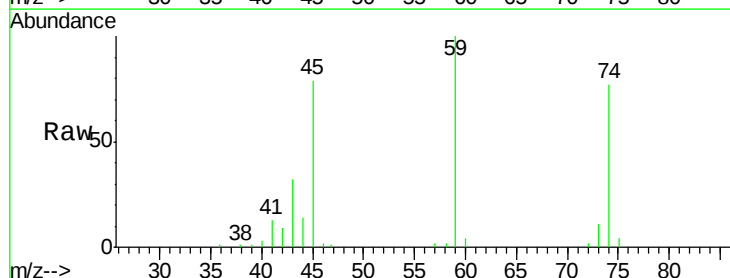
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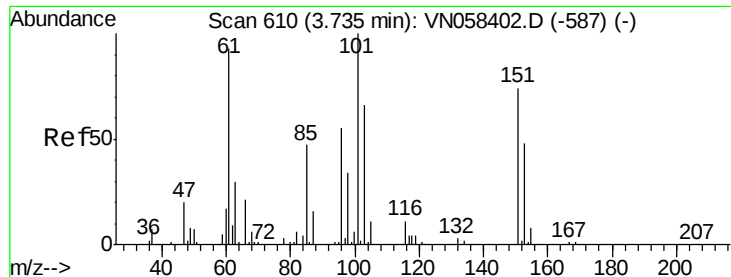


#8

Diethyl Ether
Concen: 18.410 ug/l
RT: 3.39 min Scan# 503
Delta R.T. -0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Tgt Ion: 74 Resp: 34350
Ion Ratio Lower Upper
74 100
45 103.4 50.5 151.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.775 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.01 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Instrument :

MSVOA_N

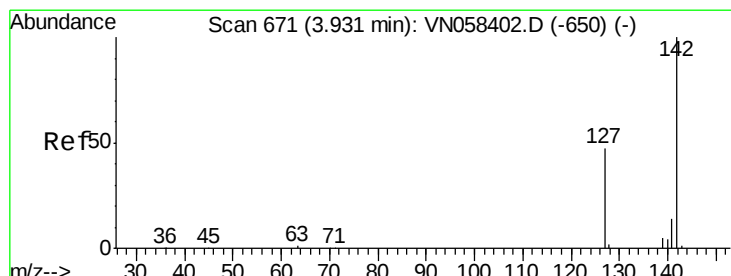
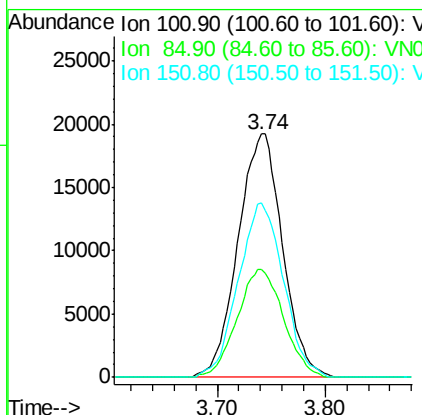
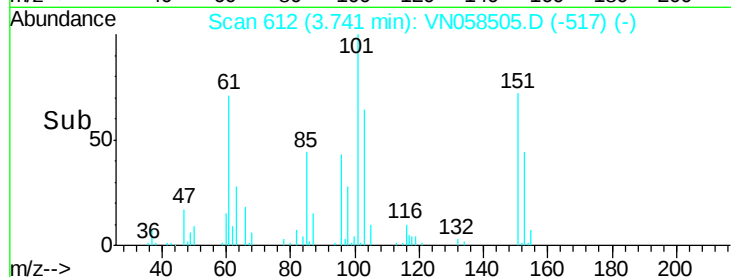
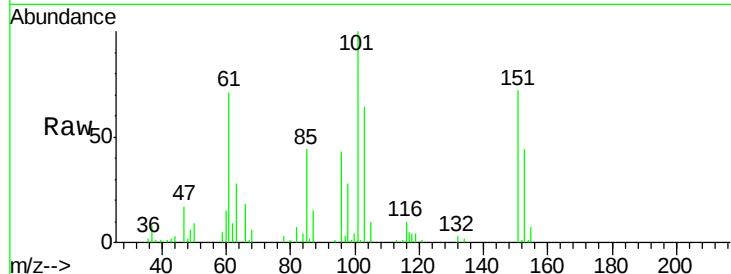
ClientSampled :

VN1003WBS01

Tot Ion:	101	Resp:	55140
Ion Ratio	Lower	Upper	
101	100		
85	46.1	36.7	55.1
151	72.5	59.4	89.0

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#10

Methyl Iodide

Concen: 16.187 ug/l

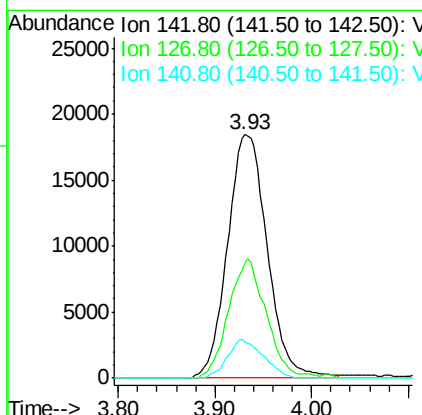
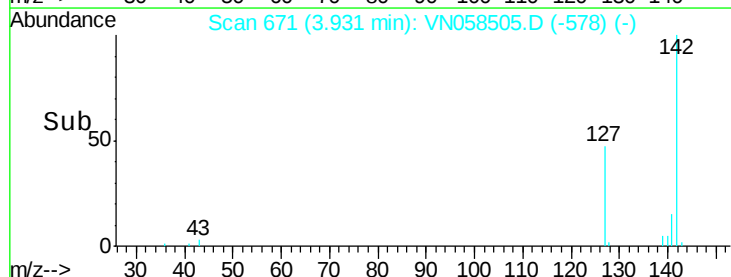
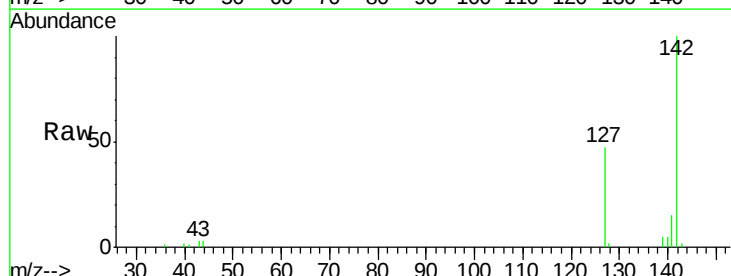
RT: 3.93 min Scan# 671

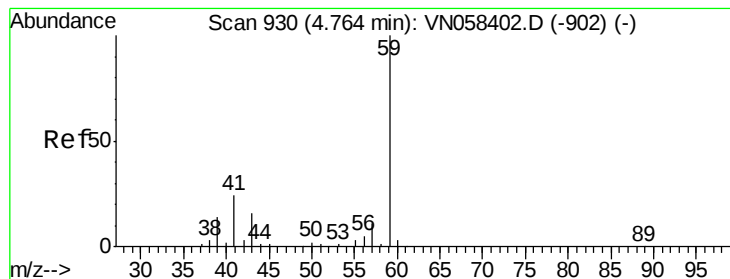
Delta R.T. -0.00 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Tgt Ion:	142	Resp:	52713
Ion Ratio	Lower	Upper	
142	100		
127	46.2	37.2	55.8
141	14.3	11.3	16.9





#11

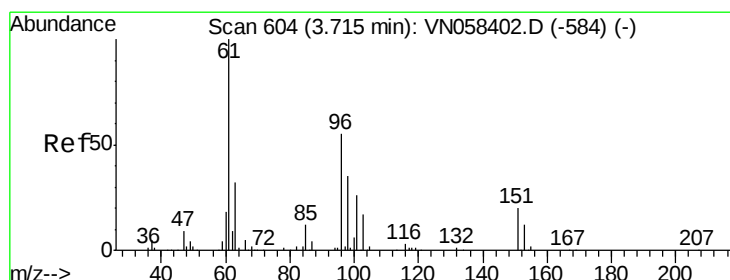
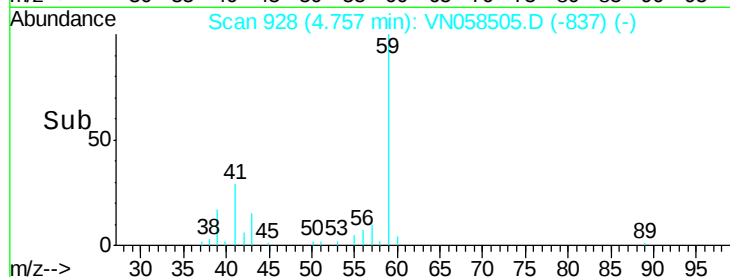
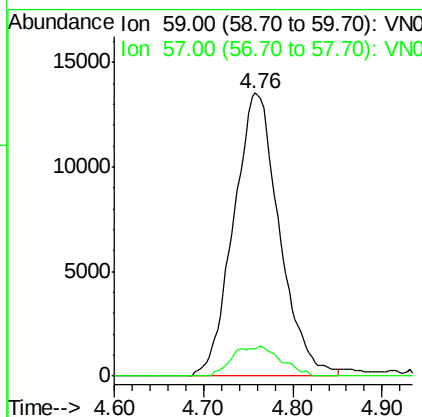
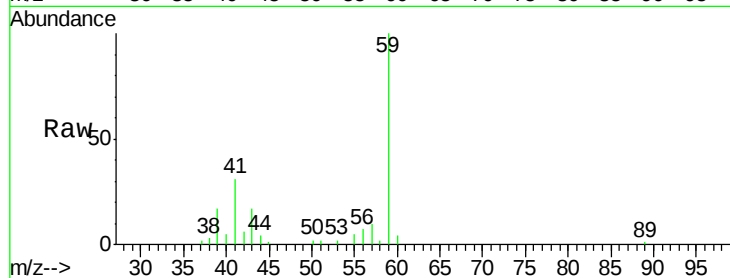
Tert butyl alcohol
 Concen: 97.809 ug/l
 RT: 4.76 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: VN058505.D
 Acq: 3 Oct 2019 13:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBS01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	3.8	9.0	13.4#

Manual Integrations
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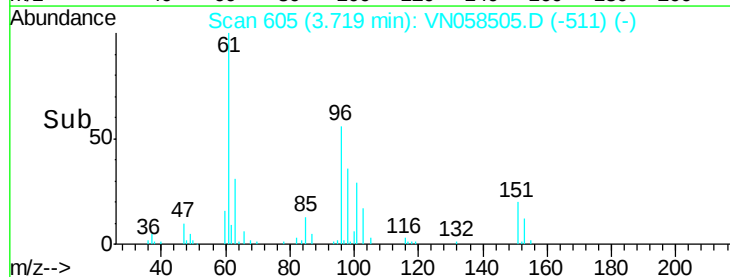
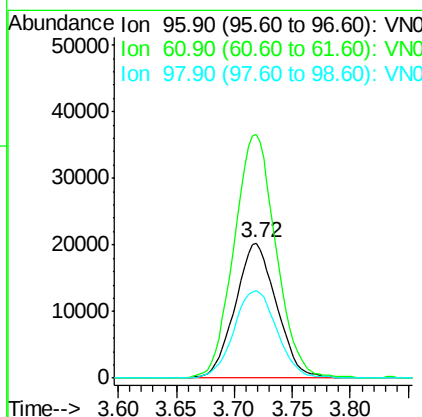
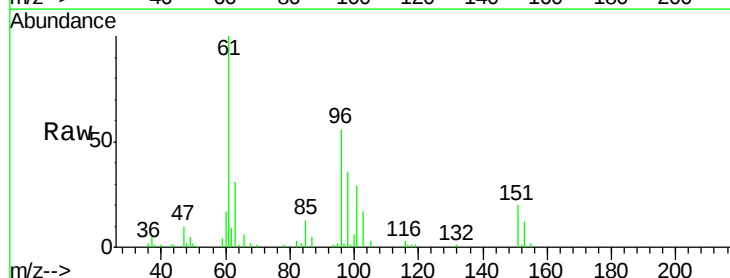
MMDadoda
 10/4/2019 9:30:09 AM

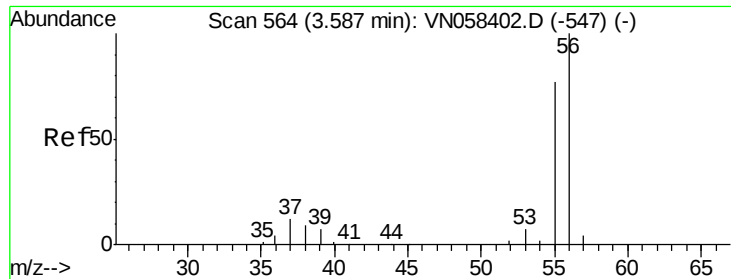


#12

1,1-Dichloroethene
 Concen: 17.502 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VN058505.D
 Acq: 3 Oct 2019 13:31

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	180.0	146.7	220.1
98	98	64.5	51.3	76.9





#13

Acrolein

Concen: 184.879 ug/l

RT: 3.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

VN1003WBS01

Tot Ion: 56 Resp: 28968

Ion Ratio Lower Upper

56 100

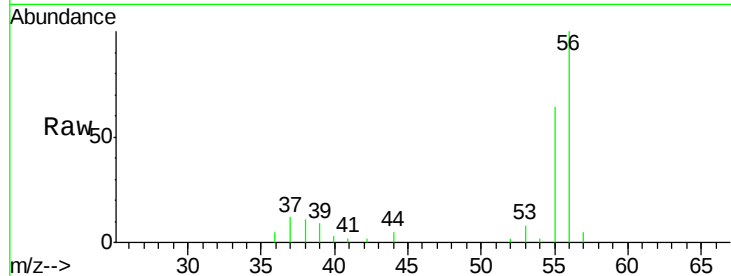
55 69.3 58.3 87.5

Manual Integrations

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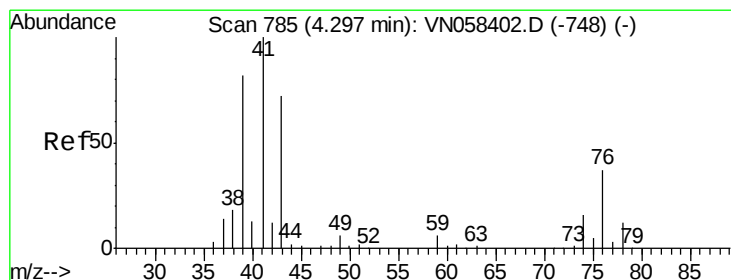
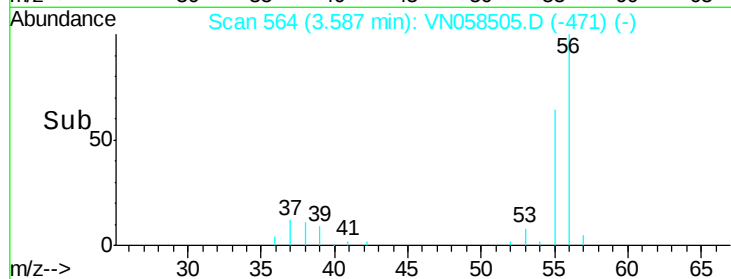
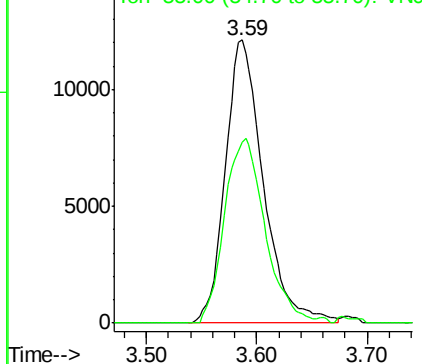
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.935 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

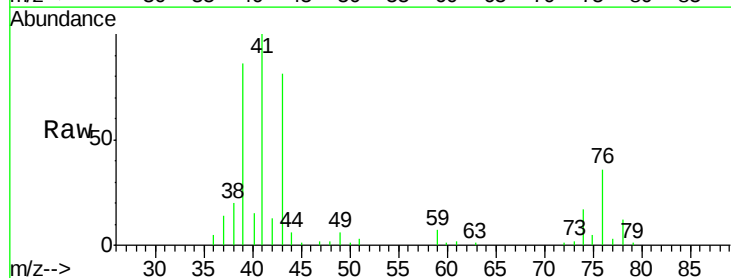
Tgt Ion: 41 Resp: 93430

Ion Ratio Lower Upper

41 100

39 78.9 62.3 93.5

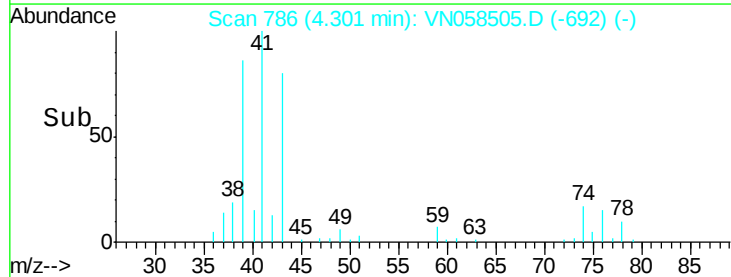
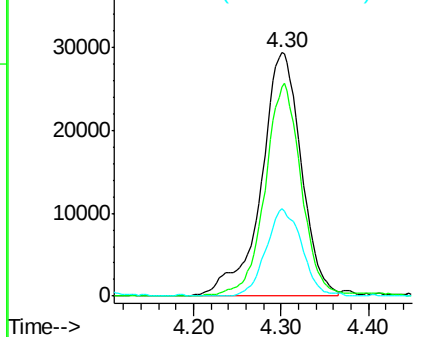
76 32.0 26.9 40.3

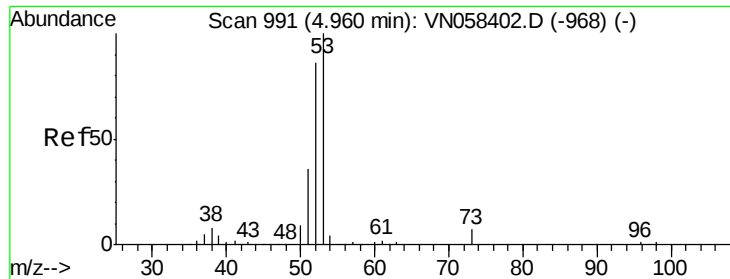


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 100.861 ug/l

RT: 4.97 min Scan# 993

Delta R.T. 0.01 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Instrument :

MSVOA_N

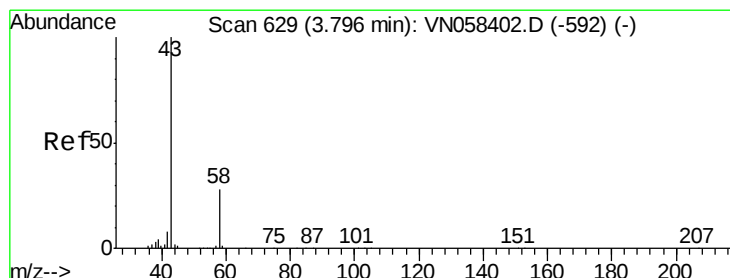
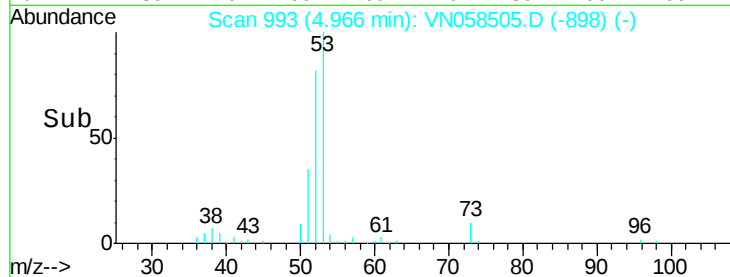
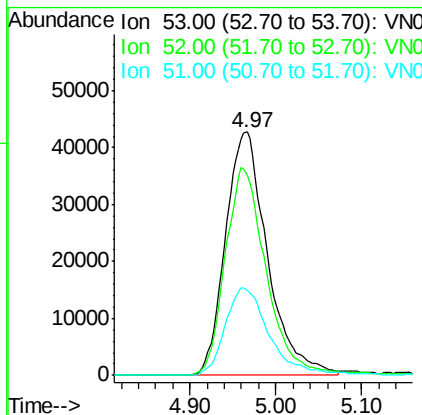
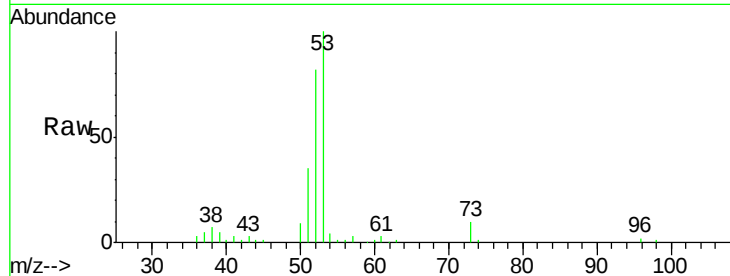
ClientSampleId :

VN1003WBS01

Tot Ion:	53	Resp:	144810
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.6	100.0
51	37.3	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 102.743 ug/l

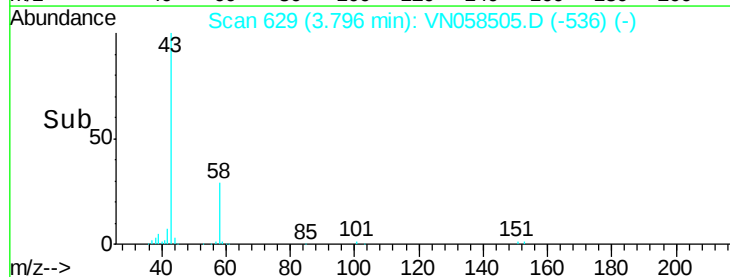
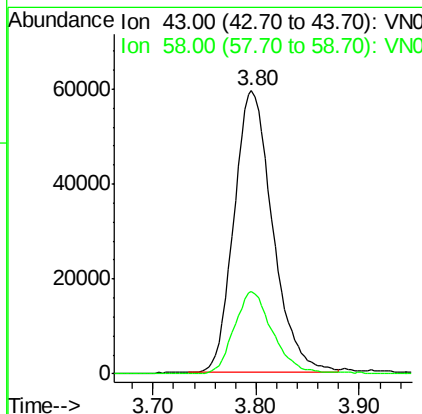
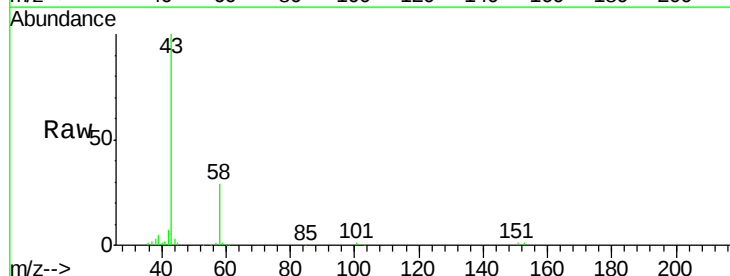
RT: 3.80 min Scan# 629

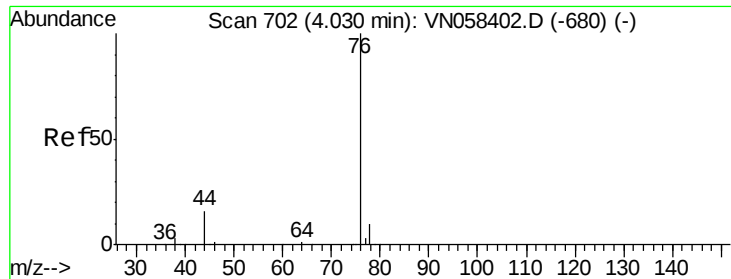
Delta R.T. -0.00 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Tgt Ion:	43	Resp:	155313
Ion Ratio	Lower	Upper	
43	100		
58	29.4	22.4	33.6





#17

Carbon Disulfide

Concen: 16.951 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.00 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

VN1003WBS01

Tot Ion: 76 Resp: 127912

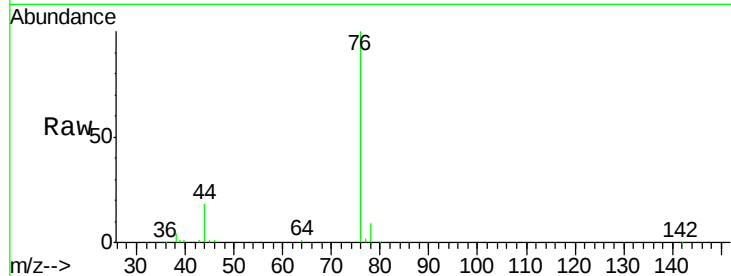
Ion Ratio Lower Upper

76 100

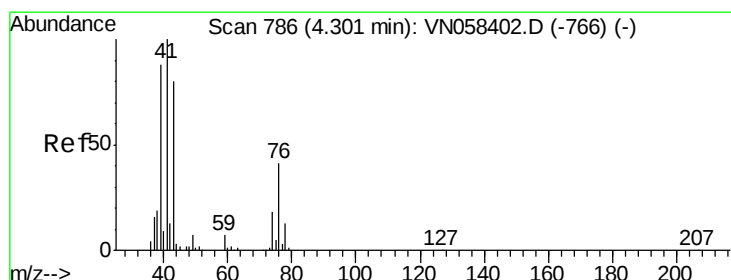
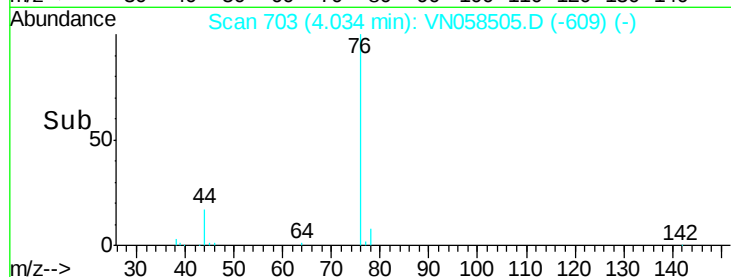
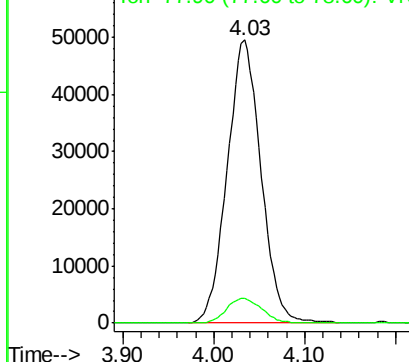
78 8.9 7.7 11.5

Manual Integrations
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MMDadoda
10/4/2019 9:30:09 AM



Abundance Ion 75.90 (75.60 to 76.60): VNC
Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 19.080 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.00 min

Lab File: VN058505.D

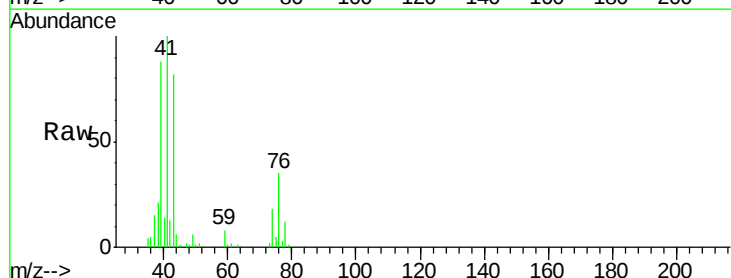
Acq: 3 Oct 2019 13:31

Tgt Ion: 43 Resp: 72542

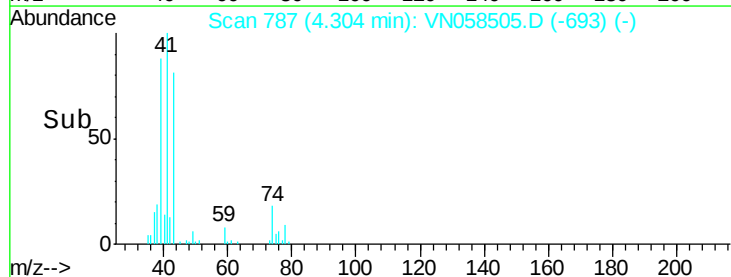
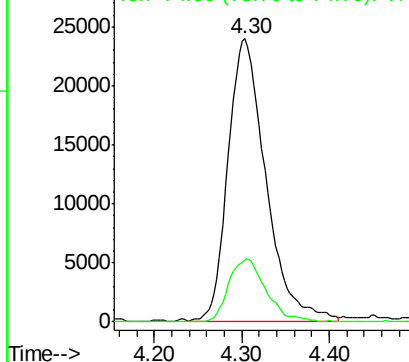
Ion Ratio Lower Upper

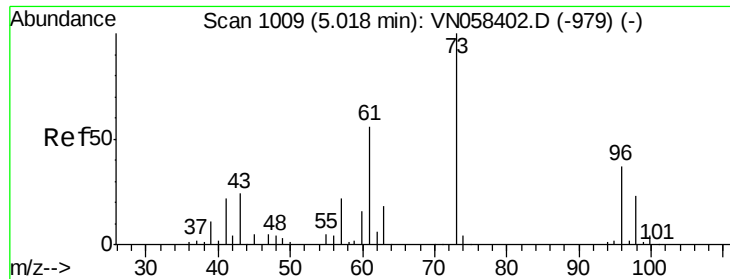
43 100

74 21.7 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 74.00 (73.70 to 74.70): VNC





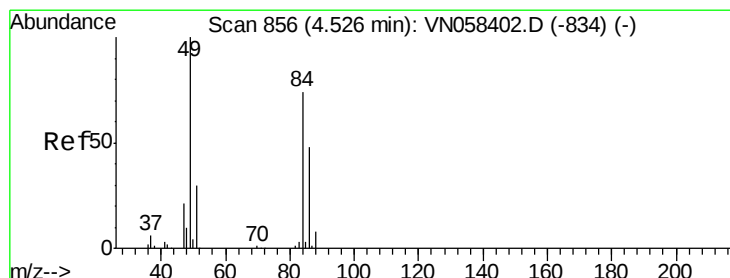
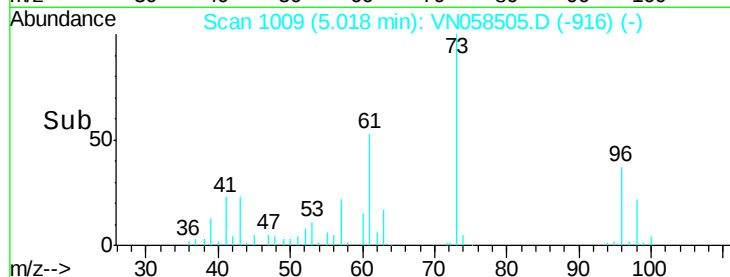
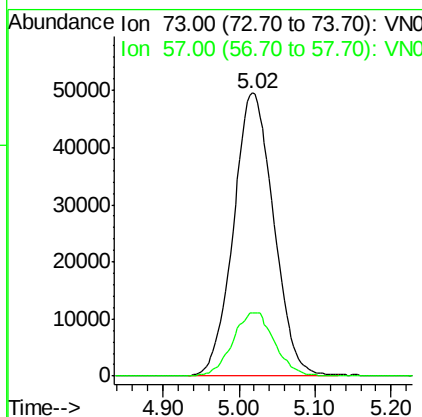
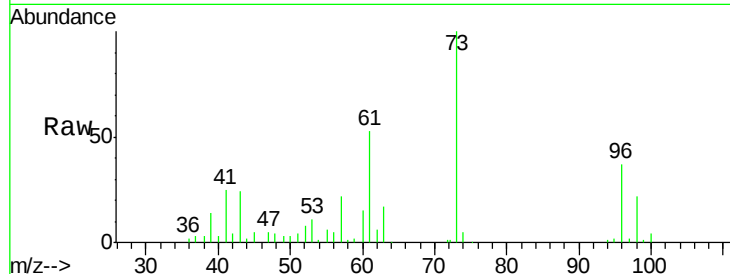
#19
Methvl tert-butvl Ether
Concen: 18.060 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

Tot Ion: 73 Resp: 182412
Ion Ratio Lower Upper
73 100
57 22.3 17.6 26.4

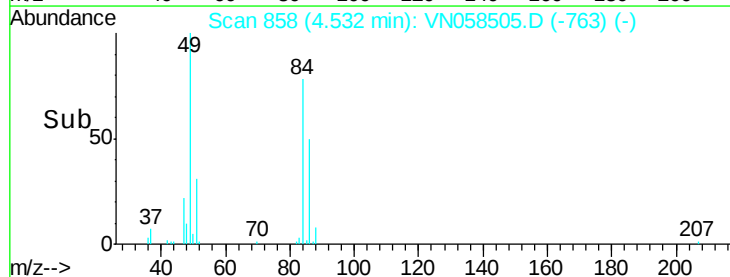
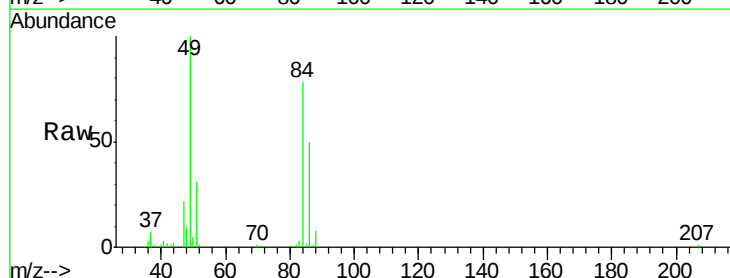
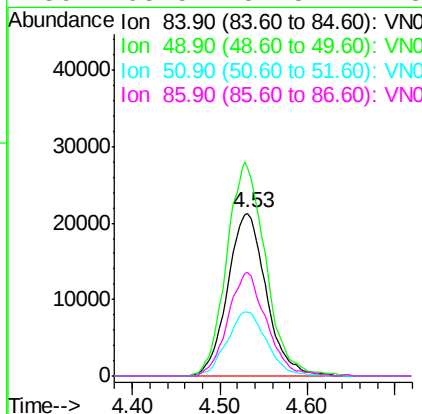
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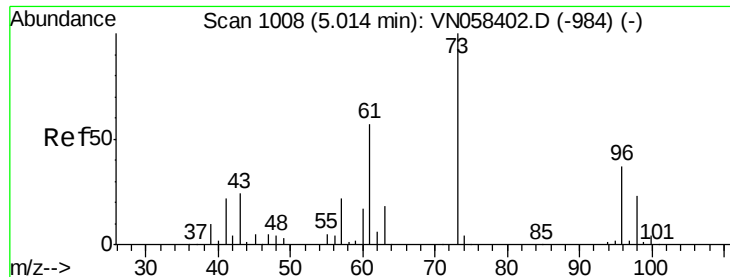
MMDadoda
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#20
Methylene Chloride
Concen: 18.646 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Tgt Ion: 84 Resp: 65046
Ion Ratio Lower Upper
84 100
49 128.0 107.9 161.9
51 39.5 32.8 49.2
86 63.5 51.5 77.3





#21

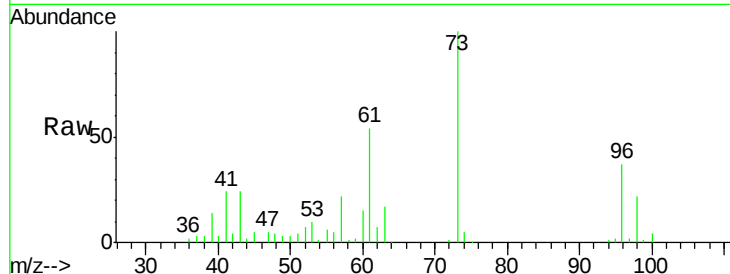
trans-1,2-Dichloroethene
Concen: 17.933 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. 0.01 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

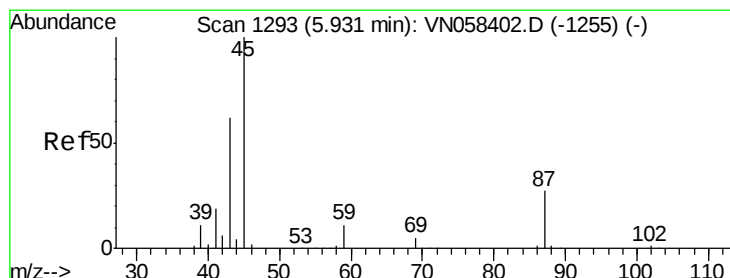
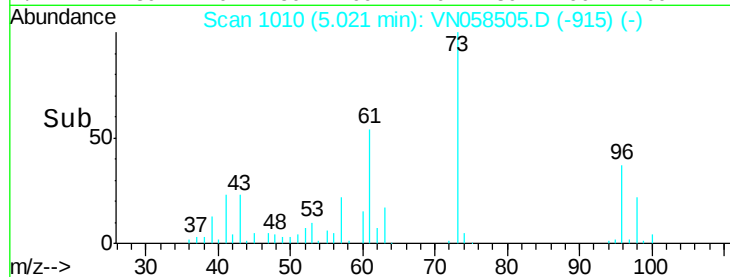
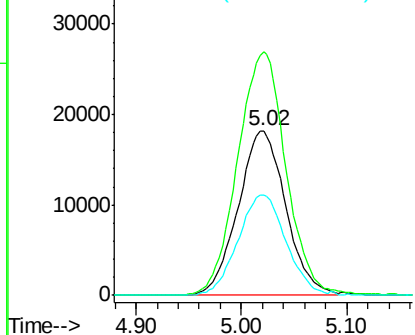
Tot Ion	Ratio	Lower	Upper
96	100		
61	147.1	121.9	182.9
98	60.8	49.3	73.9

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

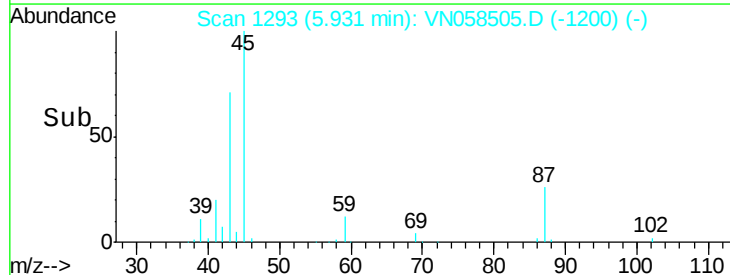
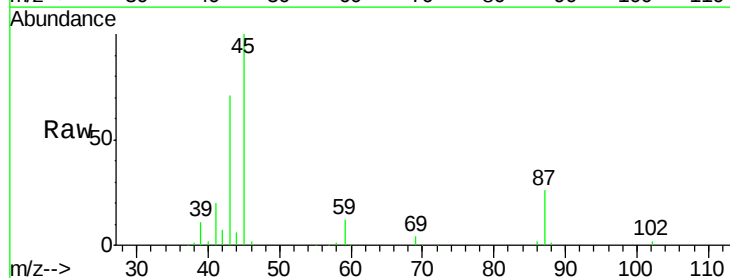
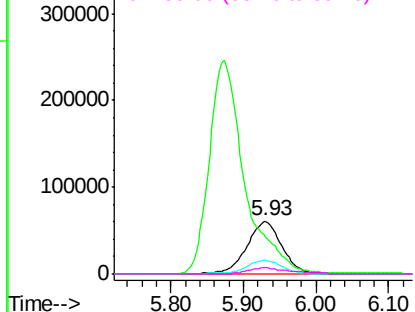


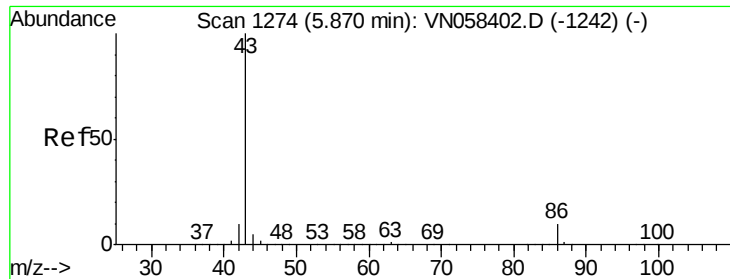
#22

Diisopropyl ether
Concen: 18.223 ug/l
RT: 5.93 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Tgt Ion	Ratio	Lower	Upper
45	100		
43	68.0	49.7	74.5
87	25.7	21.5	32.3
59	11.3	8.9	13.3

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





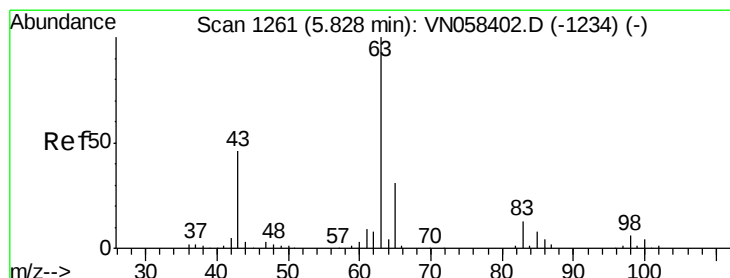
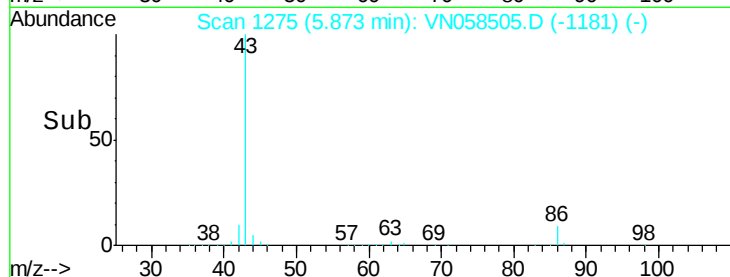
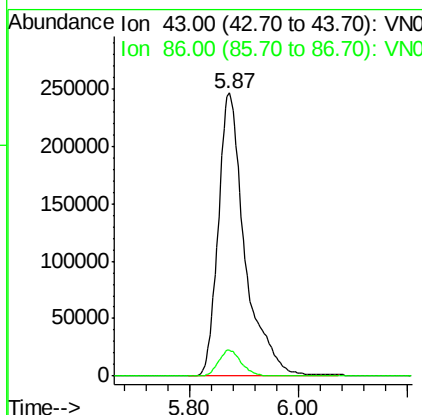
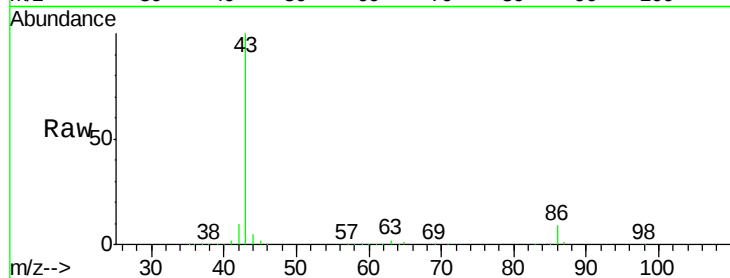
#23
 Vinyl Acetate
 Concen: 99.024 ug/l
 RT: 5.87 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: VN058505.D
 Acq: 3 Oct 2019 13:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	9.0	7.7	11.5

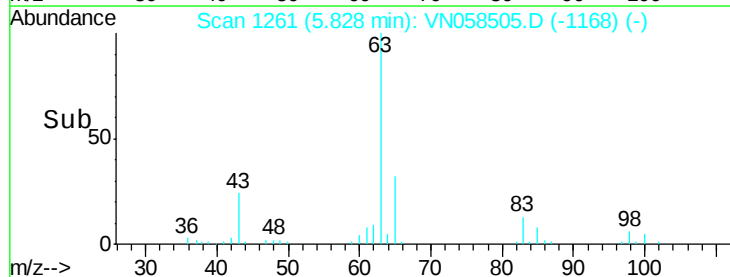
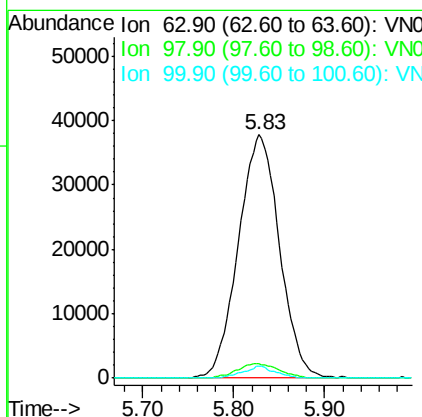
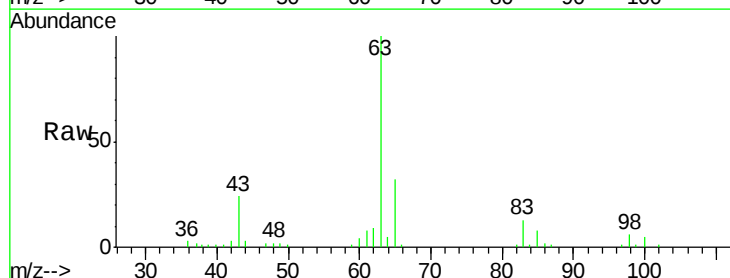
Manual Integrations
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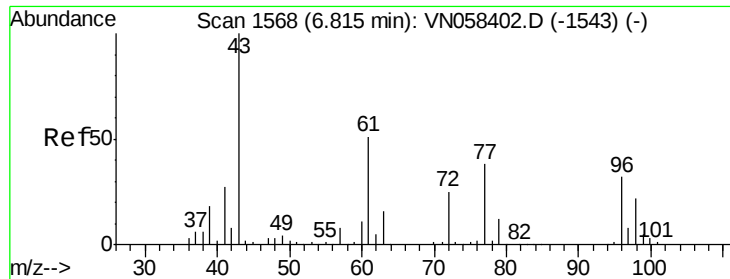
MMDadoda
 10/4/2019 9:30:09 AM



#24
 1,1-Dichloroethane
 Concen: 18.809 ug/l
 RT: 5.83 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN058505.D
 Acq: 3 Oct 2019 13:31

Tgt Ion	Ratio	Lower	Upper
63	100		
98	5.9	3.0	9.0
100	5.0	2.0	5.8





#25

2-Butanone

Concen: 98.683 ug/l

RT: 6.81 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

VN1003WBS01

Tot Ion: 43 Resp: 204812

Ion Ratio Lower Upper

43 100

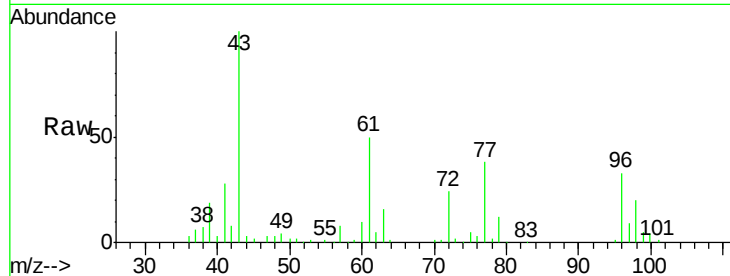
72 24.5 20.2 30.4

Manual Integrations

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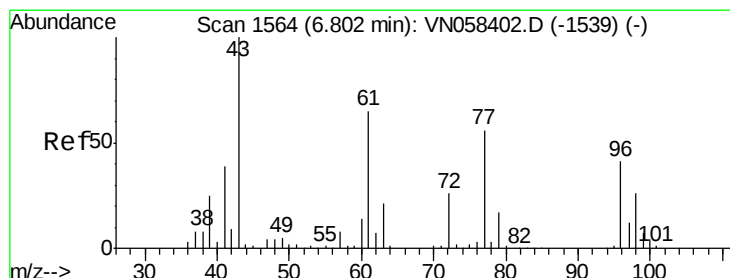
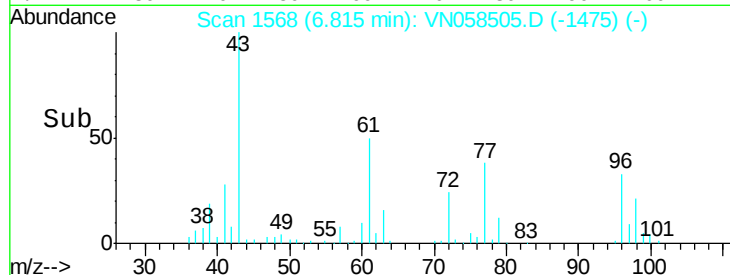
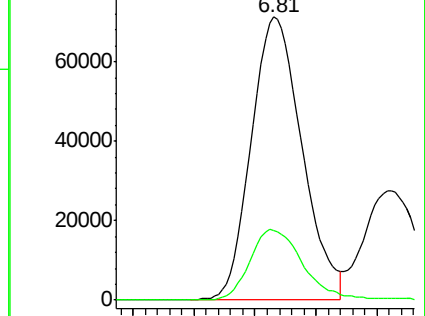
MMDadoda

10/4/2019 9:30:09 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 18.248 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN058505.D

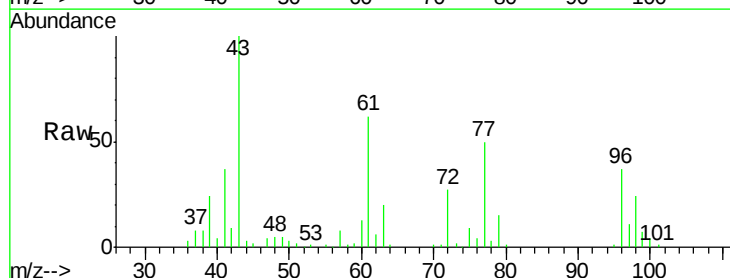
Acq: 3 Oct 2019 13:31

Tgt Ion: 77 Resp: 94652

Ion Ratio Lower Upper

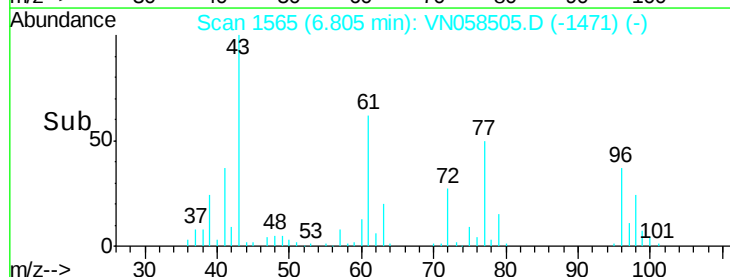
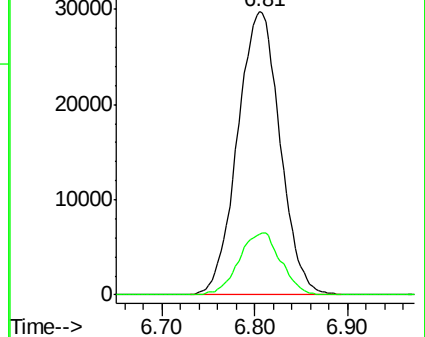
77 100

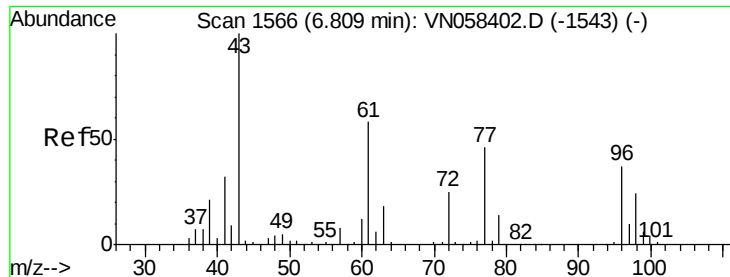
97 21.5 10.9 32.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 18.430 ug/l

RT: 6.81 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Instrument :

MSVOA_N

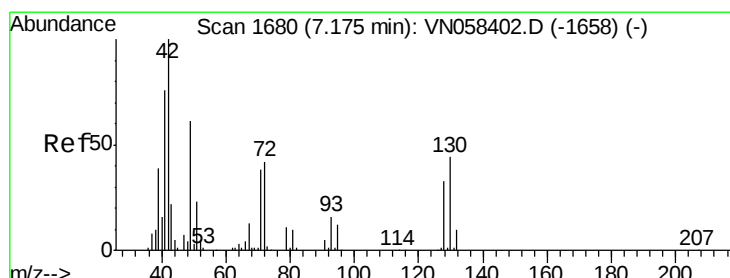
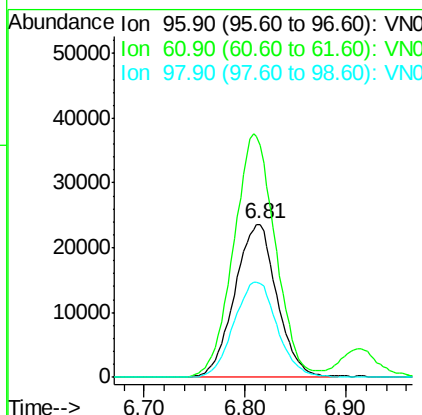
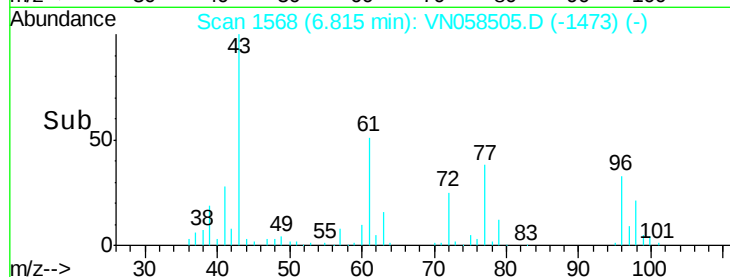
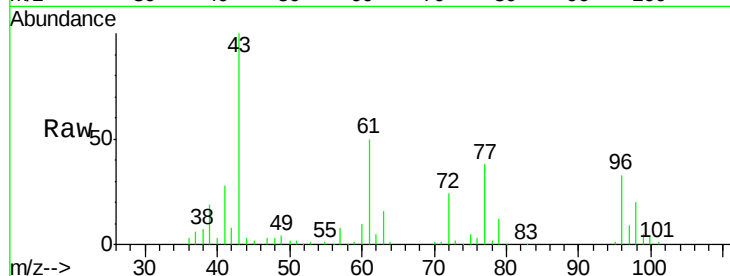
ClientSampled :

VN1003WBS01

Tot Ion:	96	Resp:	68569
Ion	Ratio	Lower	Upper
96	100		
61	157.0	0.0	318.8
98	63.7	0.0	129.8

Manual Integrations
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#28

Bromochloromethane

Concen: 15.359 ug/l

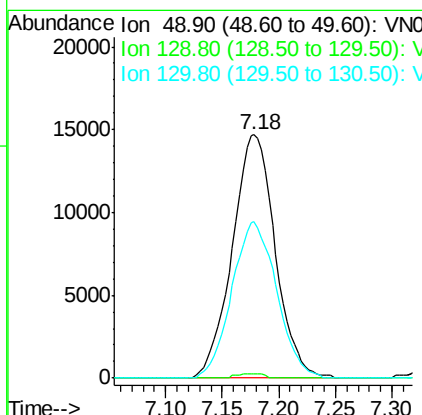
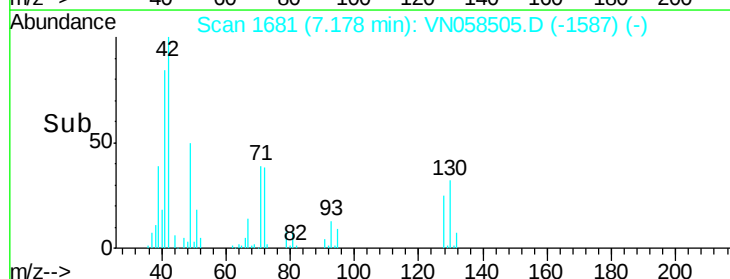
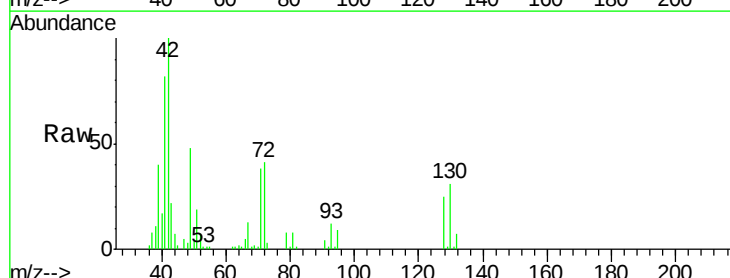
RT: 7.18 min Scan# 1681

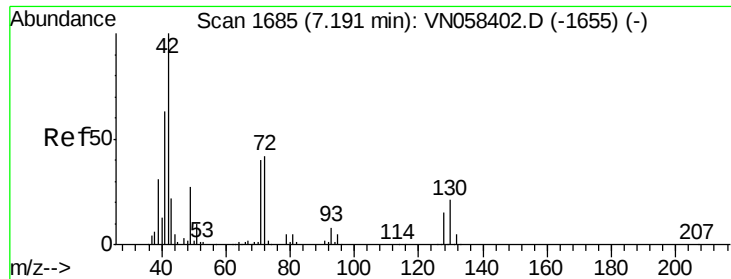
Delta R.T. 0.00 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Tgt Ion:	49	Resp:	38734
Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.4
130	67.1	56.3	84.5





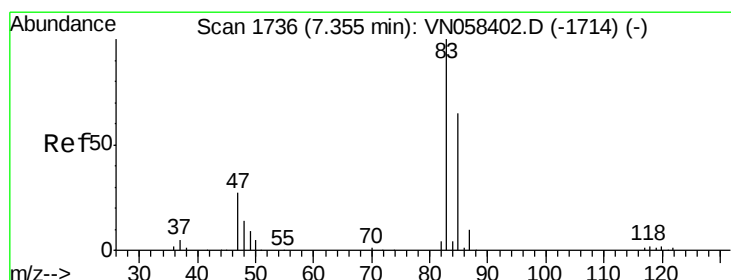
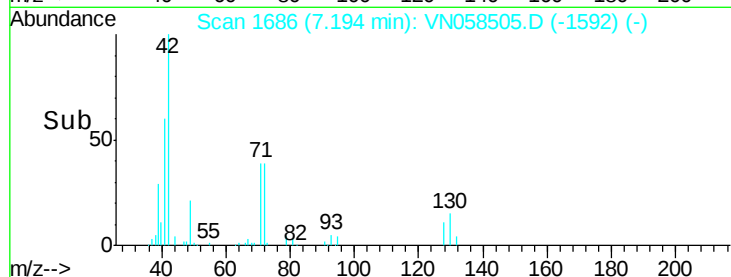
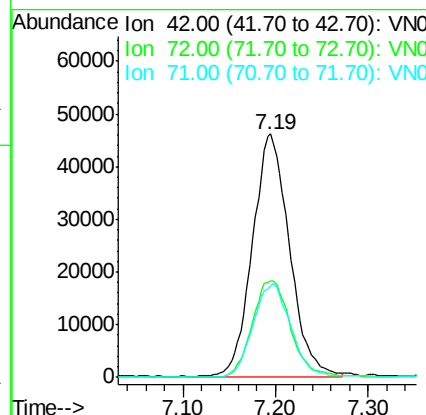
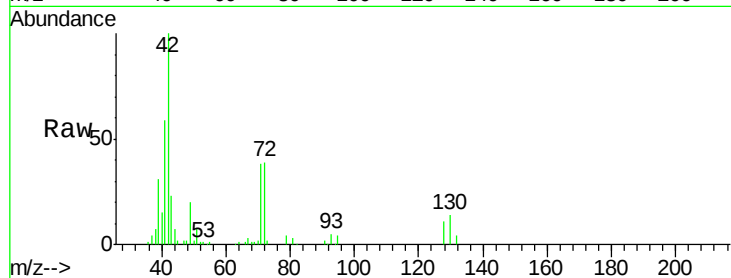
#29
Tetrahydrofuran
Concen: 98.038 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	33.7	50.5
71	39.2	31.8	47.6

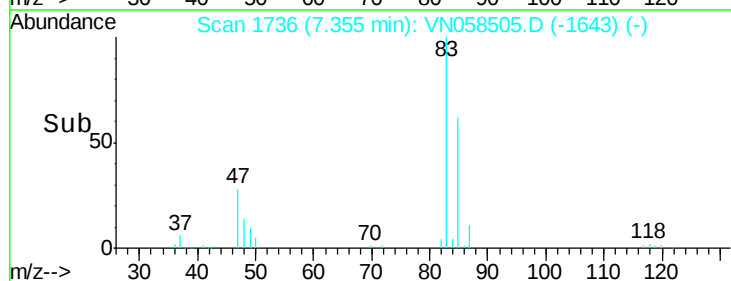
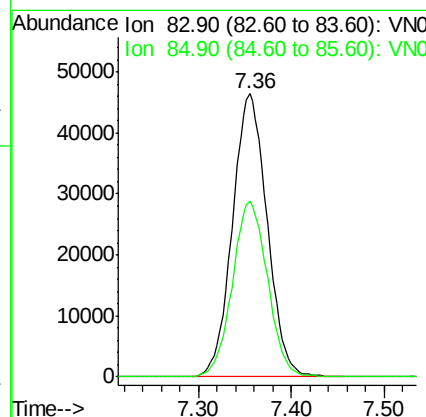
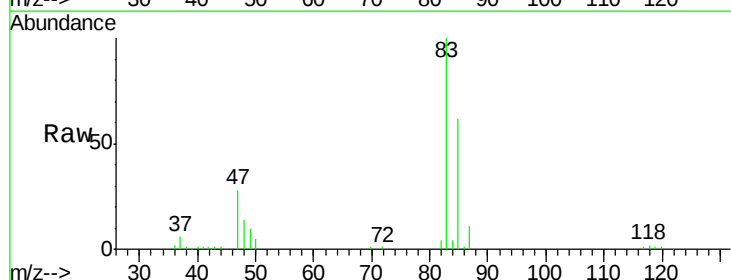
Manual Integrations
APPROVED

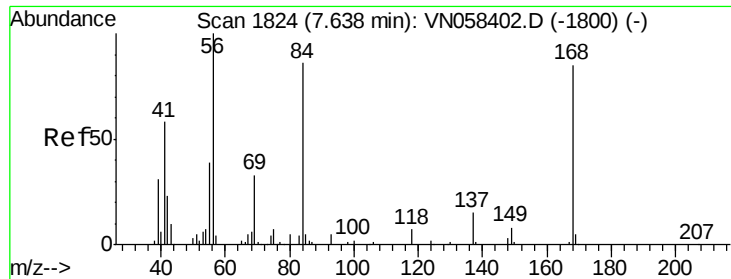
MMDadoda
10/4/2019 9:30:09 AM



#30
Chloroform
Concen: 18.794 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.2	52.0	78.0





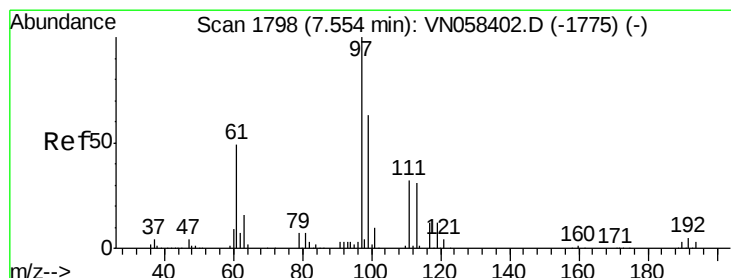
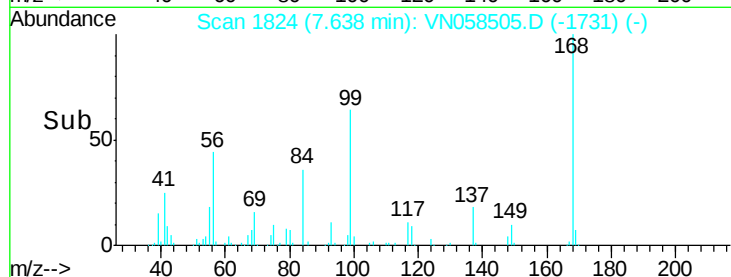
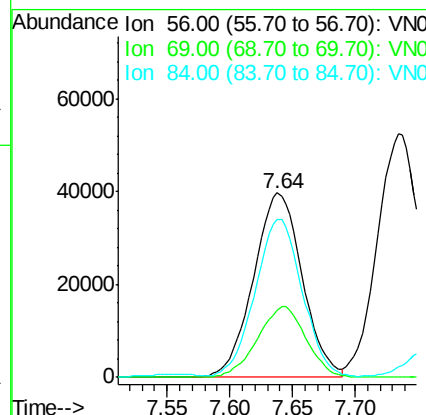
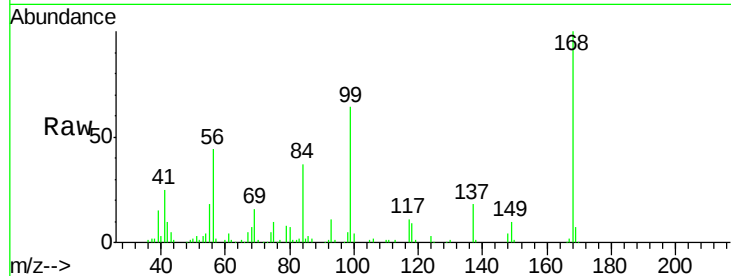
#31
Cyclohexane
Concen: 17.533 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.4	26.2	39.4
84	84.4	67.6	101.4

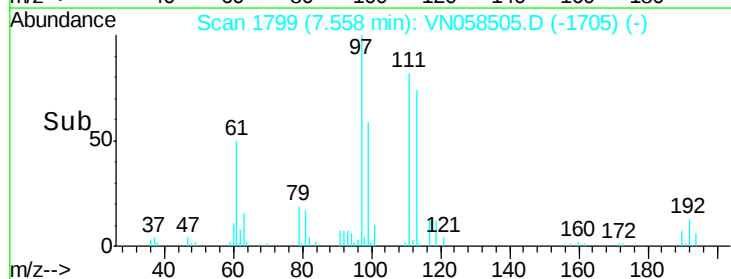
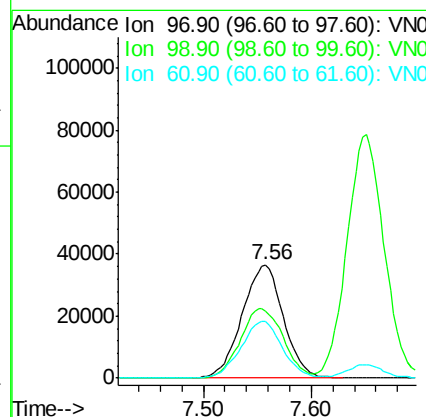
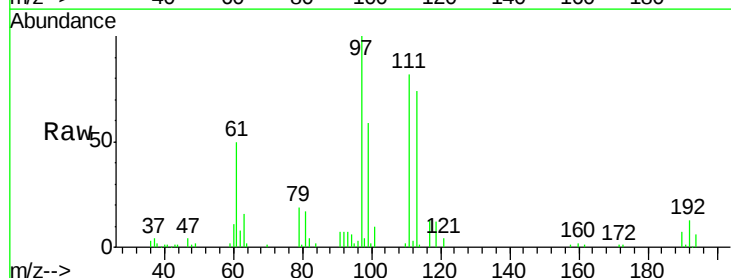
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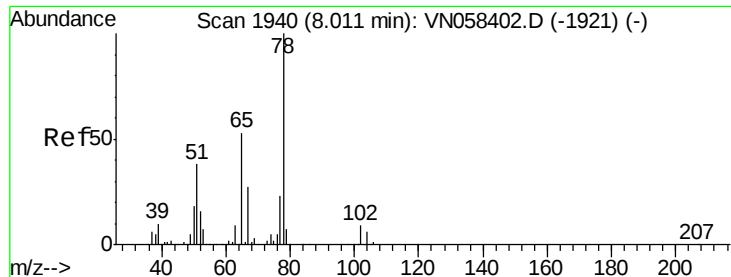
MMDadoda
10/4/2019 9:30:09 AM



#32
1,1,1-Trichloroethane
Concen: 18.509 ug/l
RT: 7.56 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.1	76.7
61	50.1	39.2	58.8





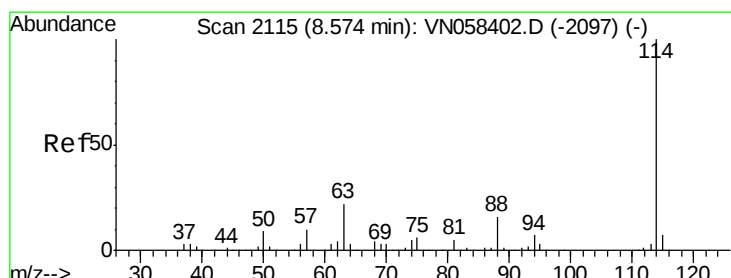
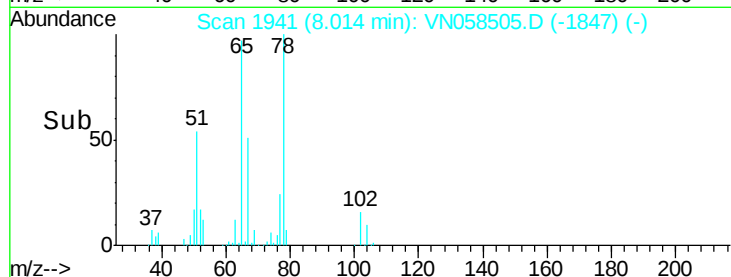
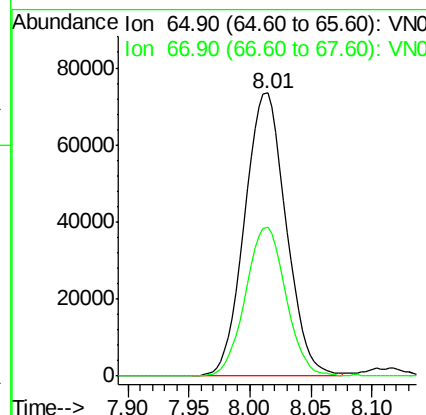
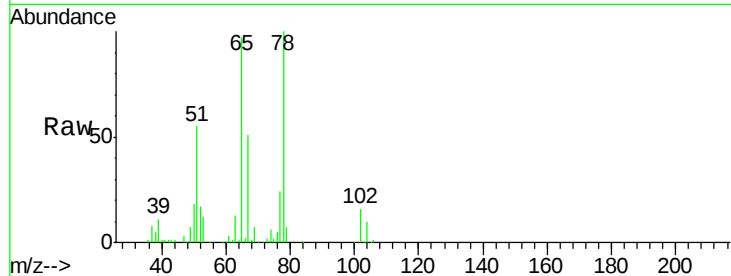
#33
 1,2-Dichloroethane-d4
 Concen: 39.034 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058505.D
 Acq: 3 Oct 2019 13:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	173096		
67	51.1	0.0	102.4	

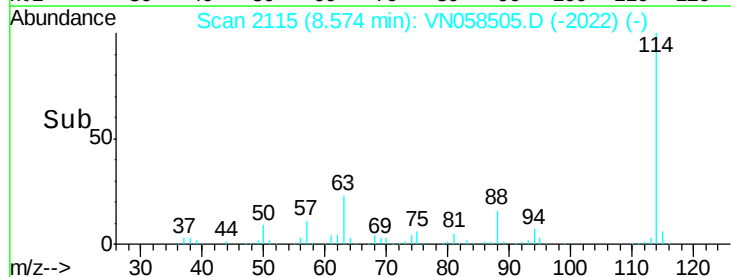
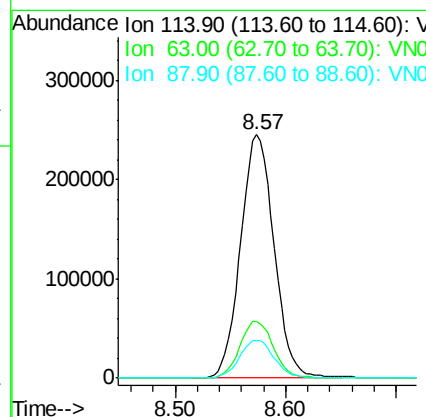
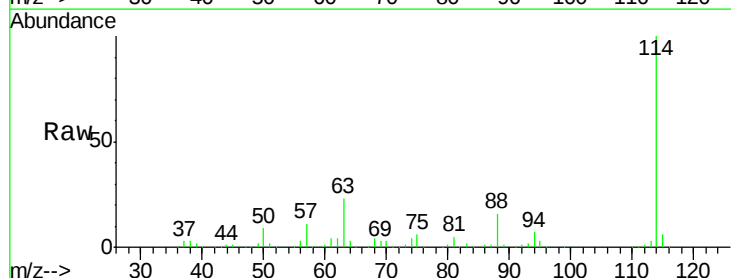
Manual Integrations
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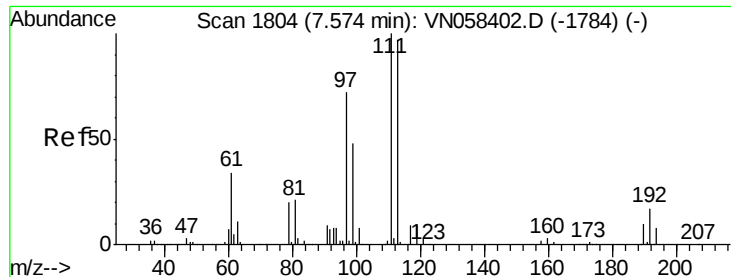
MMDadoda
 10/4/2019 9:30:09 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058505.D
 Acq: 3 Oct 2019 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	516190		
63	23.1	0.0	45.0	
88	15.5	0.0	32.2	





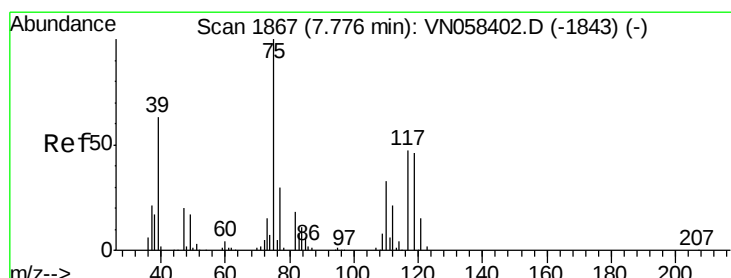
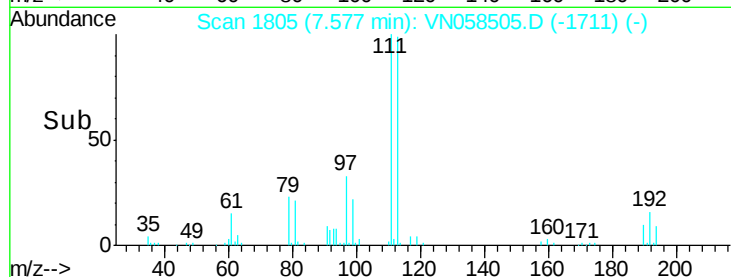
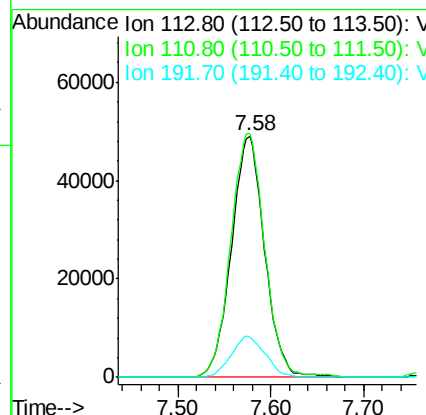
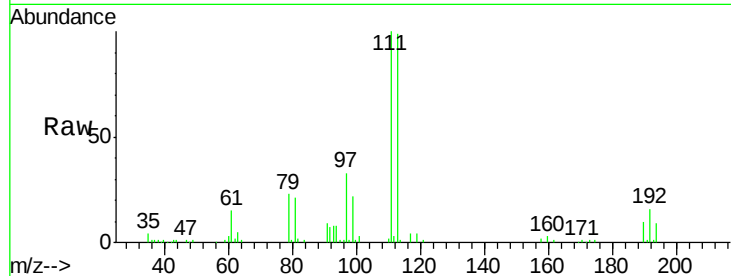
#35
 Dibromofluoromethane
 Concen: 38.409 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058505.D
 Acq: 3 Oct 2019 13:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	121514		
111	103.0	83.4	125.2	
192	17.5	14.9	22.3	

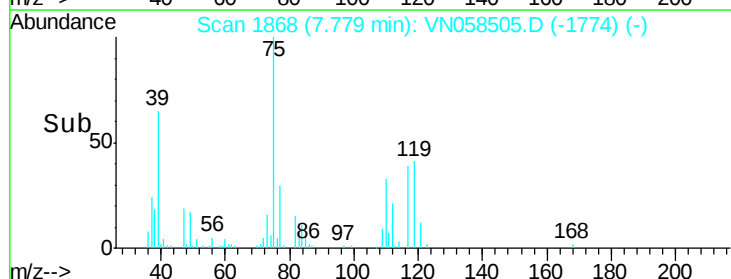
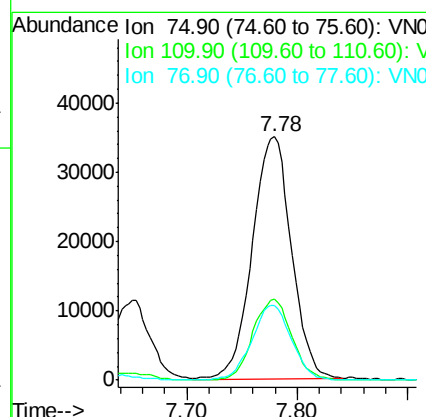
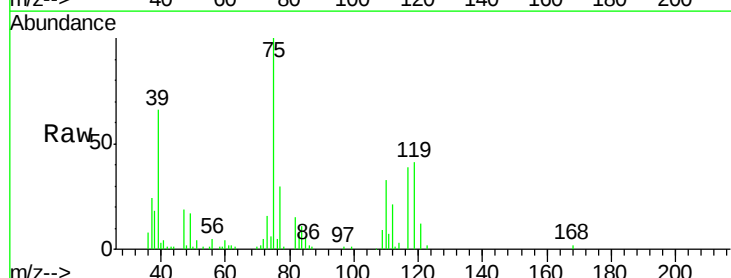
Manual Integrations
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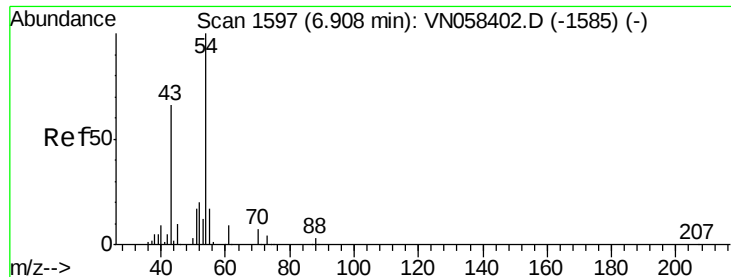
MMDadoda
 10/4/2019 9:30:09 AM



#36
 1,1-Dichloropropene
 Concen: 17.391 ug/l
 RT: 7.78 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN058505.D
 Acq: 3 Oct 2019 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	85840		
110	33.1	16.4	49.2	
77	31.2	24.3	36.5	





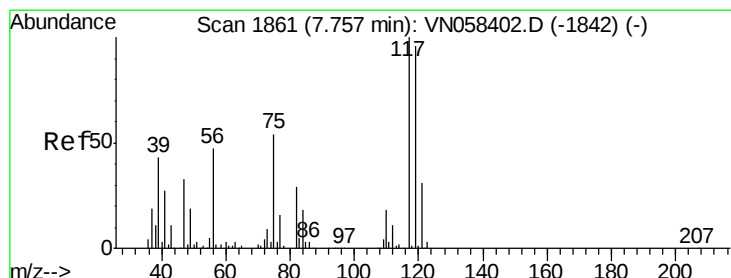
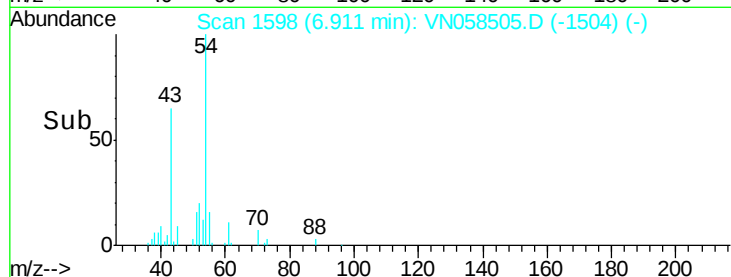
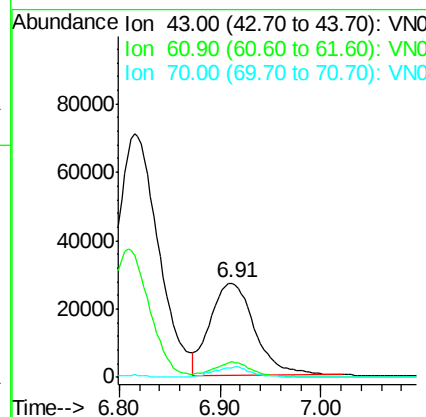
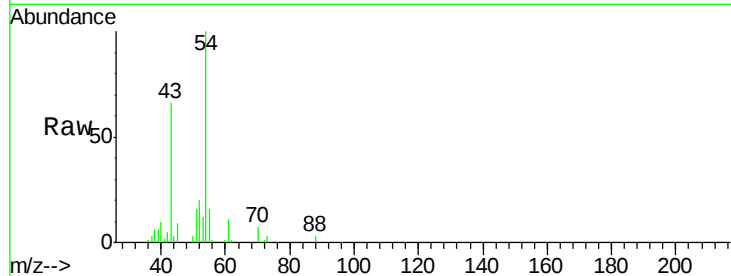
#37
Ethyl Acetate
Concen: 20.004 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

Tot Ion	43	61	70	Ratio	Lower	Upper
83713	100	12.8	9.3		10.5	15.7
					7.8	11.6

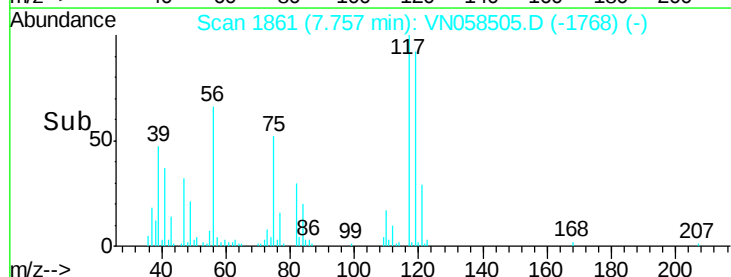
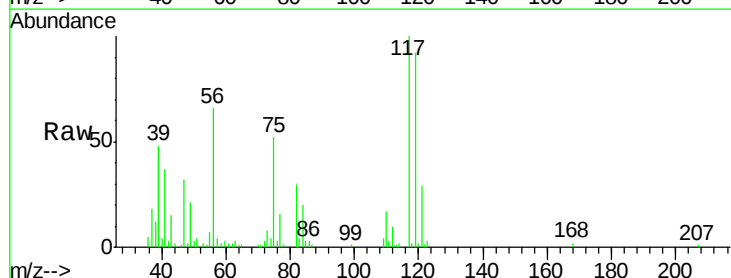
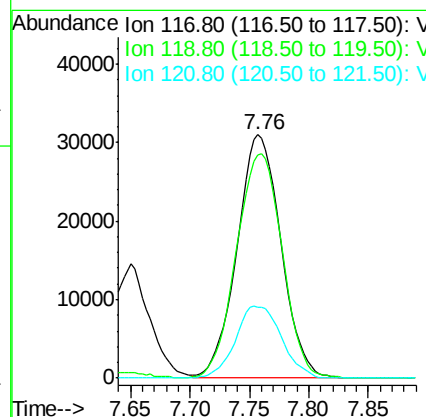
Manual Integrations
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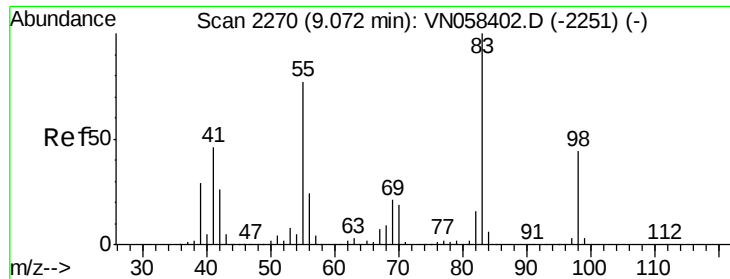
MMDadoda
10/4/2019 9:30:09 AM



#38
Carbon Tetrachloride
Concen: 17.808 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Tgt Ion	117	119	121	Ratio	Lower	Upper
79339	100	91.5	29.2		76.6	115.0
					24.7	37.1





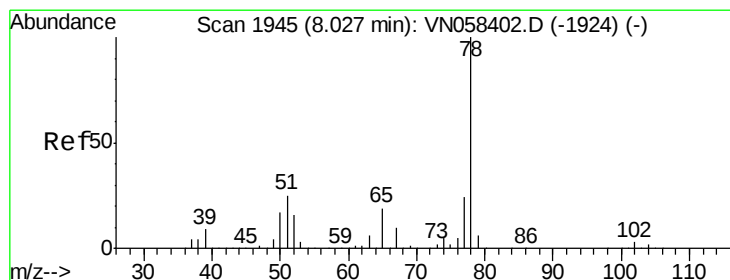
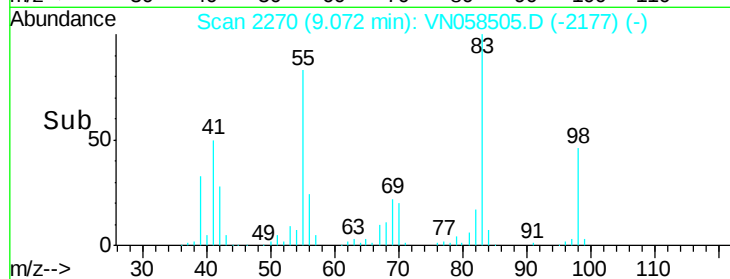
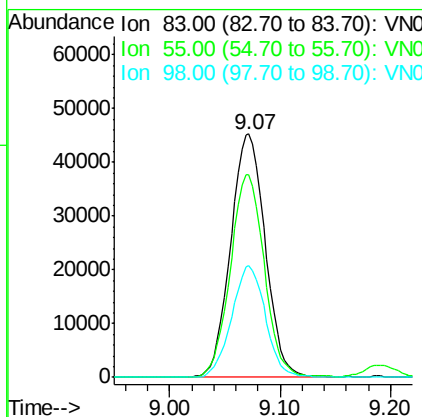
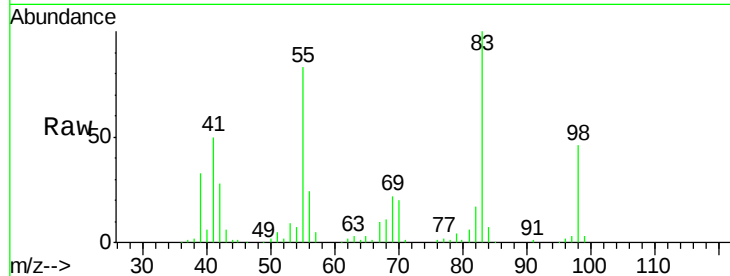
#39
Methvlcvclohexane
Concen: 17.096 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.1	61.8	92.6
98	45.9	35.4	53.0

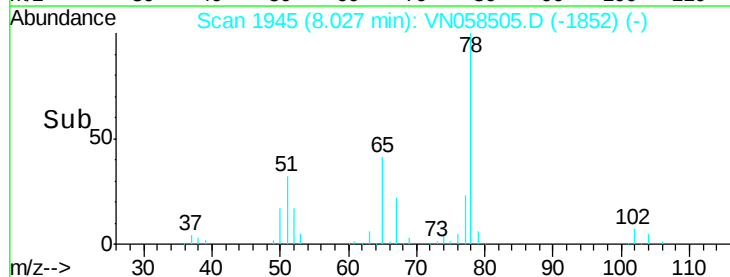
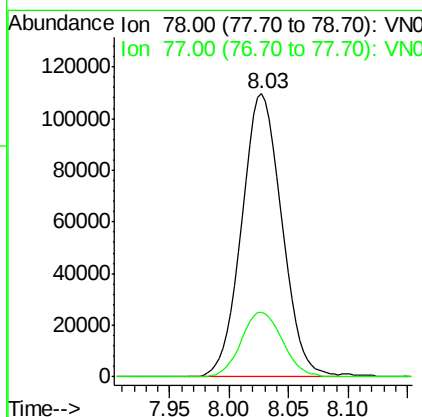
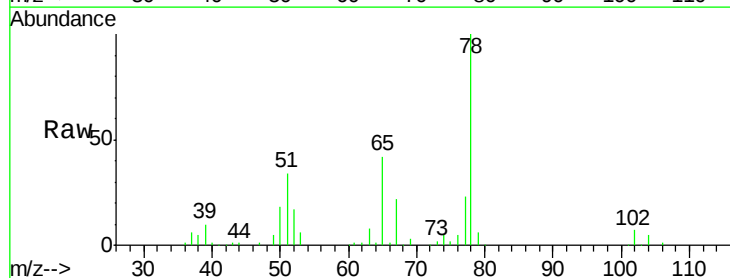
Manual Integrations
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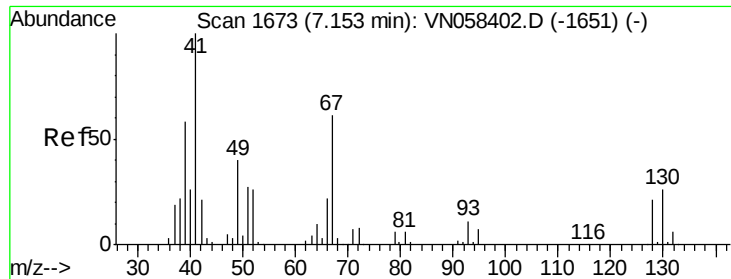
MMDadoda
10/4/2019 9:30:09 AM



#40
Benzene
Concen: 18.089 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.9	28.3





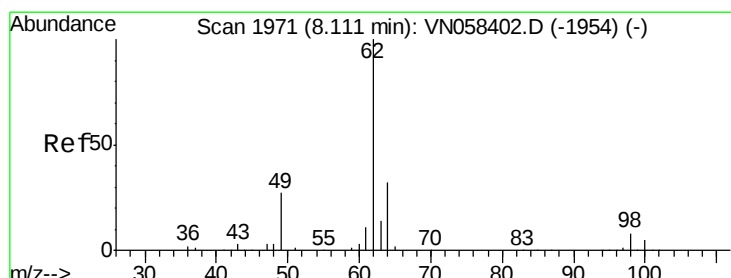
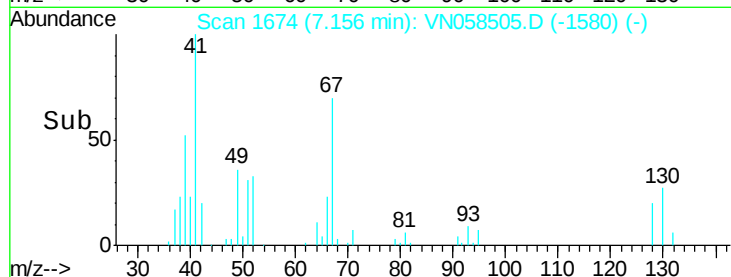
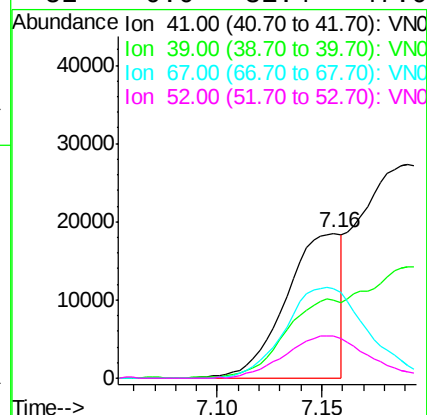
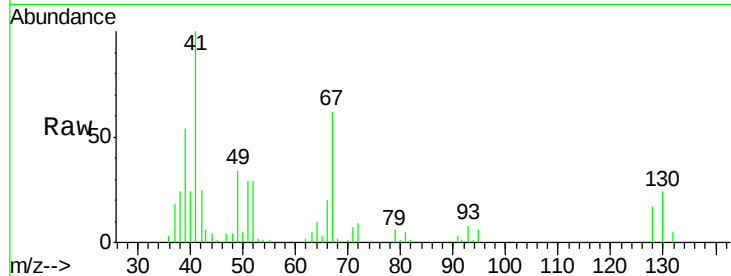
#41
Methacrylonitrile
Concen: 17.686 ug/l m
RT: 7.16 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

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

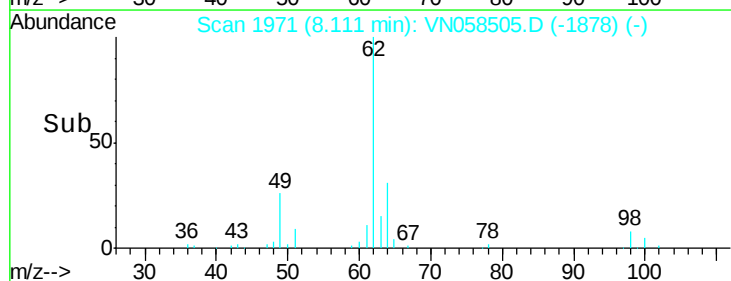
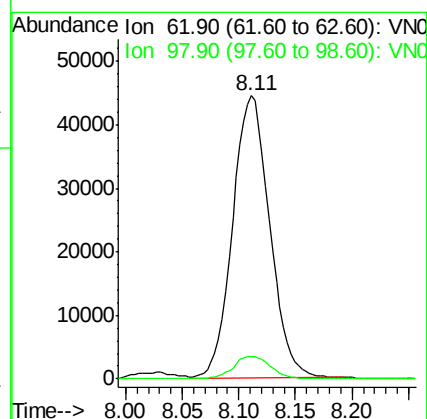
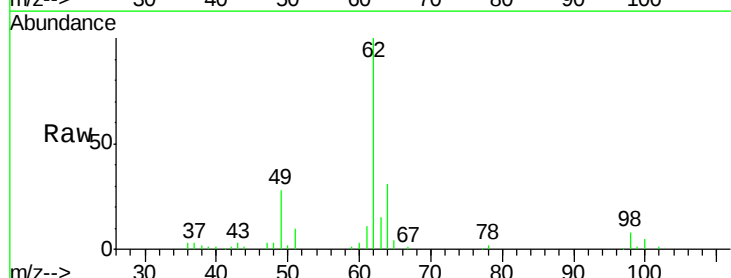
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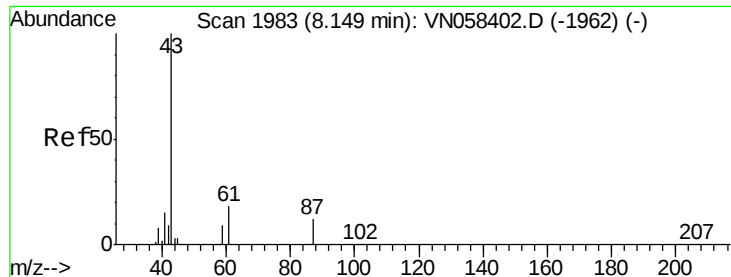
MMDadoda
10/4/2019 9:30:09 AM



#42
1,2-Dichloroethane
Concen: 18.411 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	15.6





#43

Isopropyl Acetate

Concen: 17.535 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Instrument :

MSVOA_N

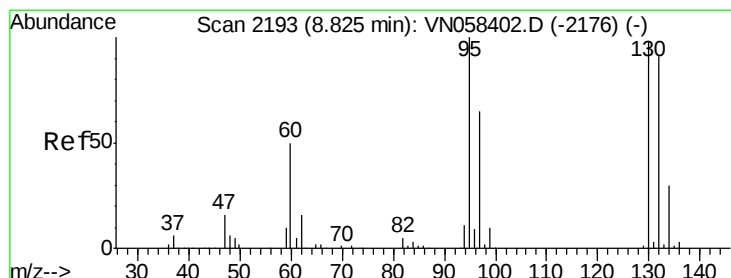
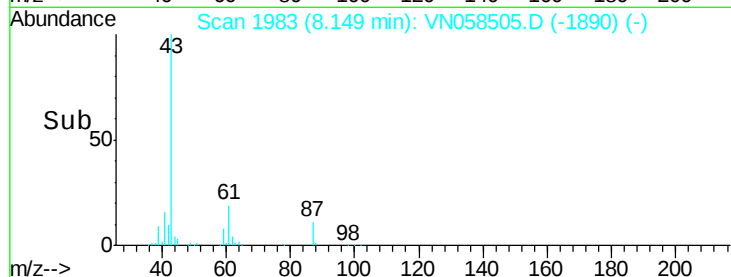
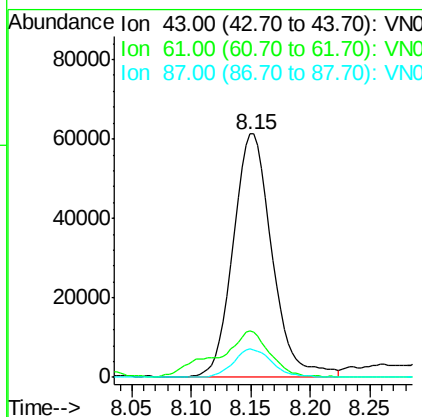
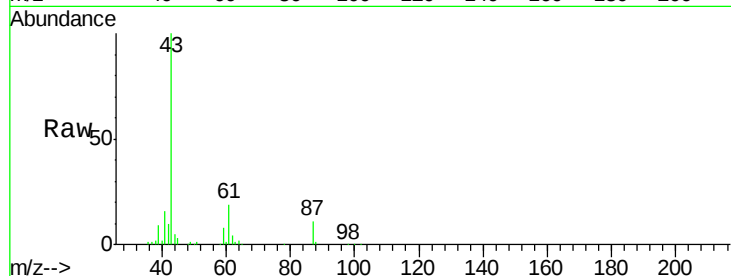
ClientSampleId :

VN1003WBS01

Tot Ion:	43	Resp:	137984
Ion	Ratio	Lower	Upper
43	100		
61	24.8	14.8	22.2#
87	11.5	9.7	14.5

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#44

Trichloroethene

Concen: 17.428 ug/l

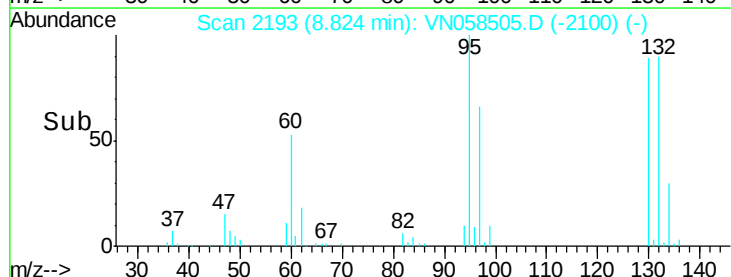
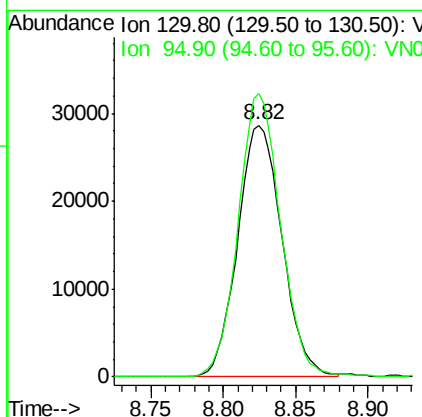
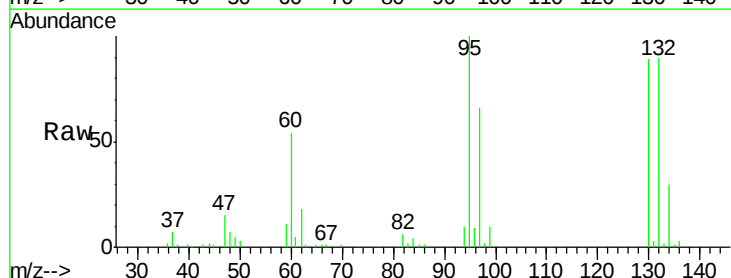
RT: 8.82 min Scan# 2193

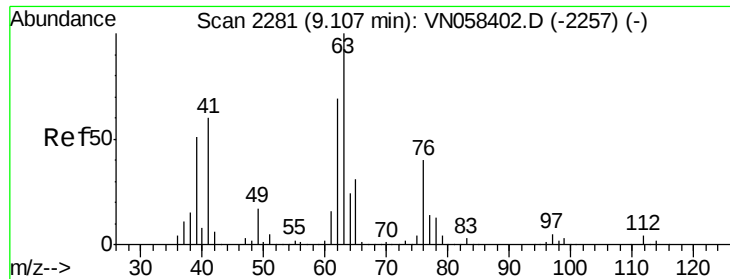
Delta R.T. -0.00 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Tgt Ion:	130	Resp:	61056
Ion	Ratio	Lower	Upper
130	100		
95	112.3	0.0	204.2





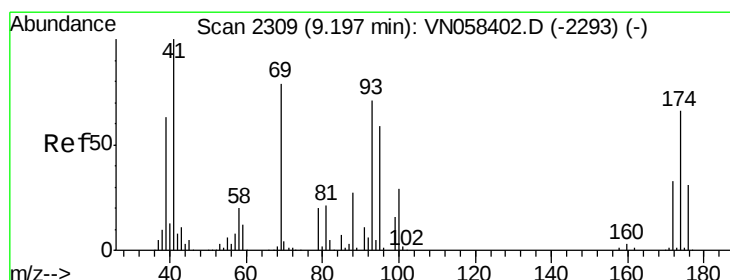
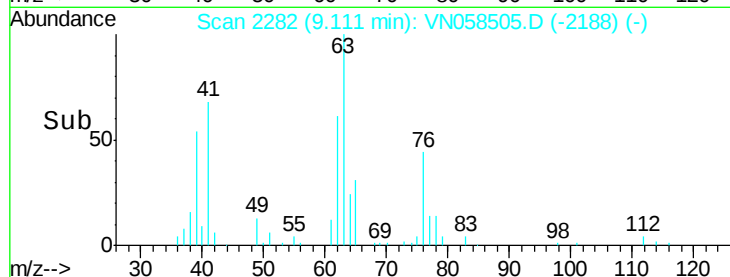
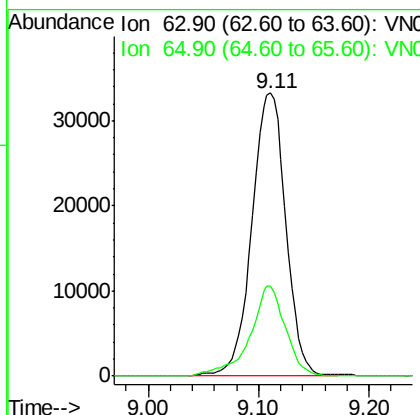
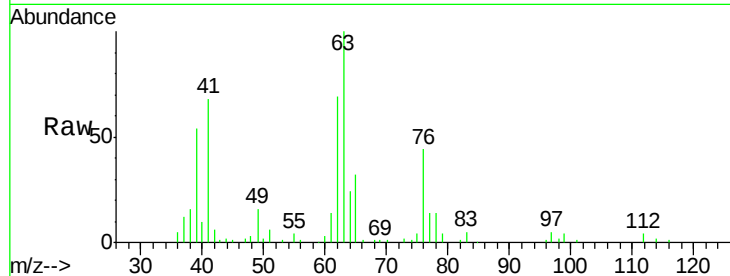
#45
 1,2-Dichloropropane
 Concen: 18.612 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN058505.D
 Acq: 3 Oct 2019 13:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBS01

Tot Ion: 63 Resp: 70821
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.0 37.4

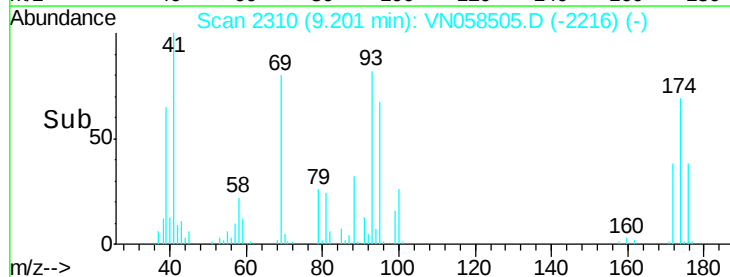
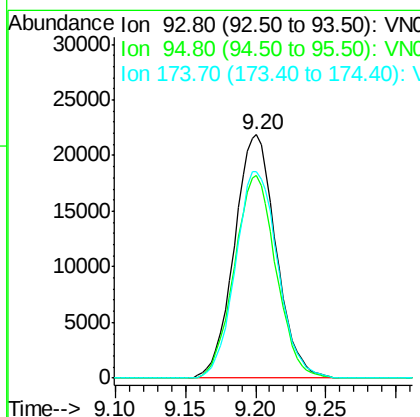
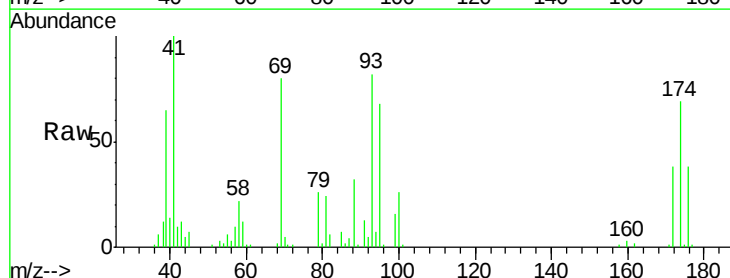
Manual Integrations
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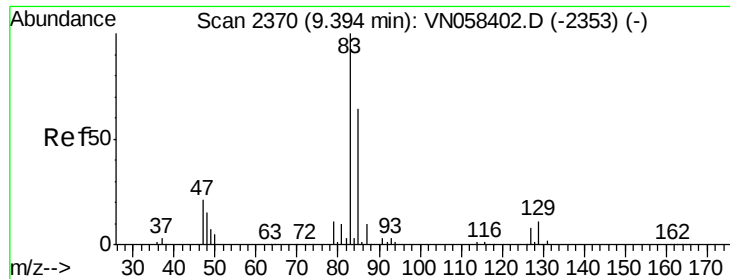
MMDadoda
 10/4/2019 9:30:09 AM



#46
 Dibromomethane
 Concen: 18.752 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN058505.D
 Acq: 3 Oct 2019 13:31

Tgt Ion: 93 Resp: 45188
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.0 100.4
 174 86.3 74.2 111.2





#47

Bromodichloromethane

Concen: 19.203 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Instrument :

MSVOA_N

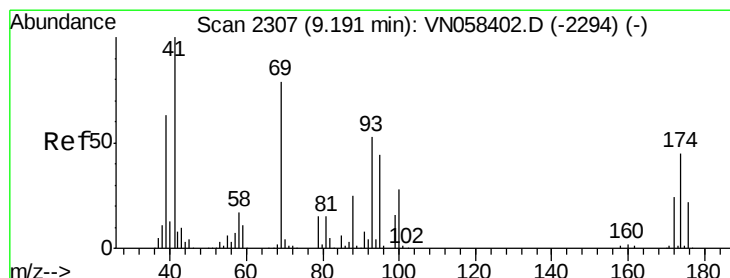
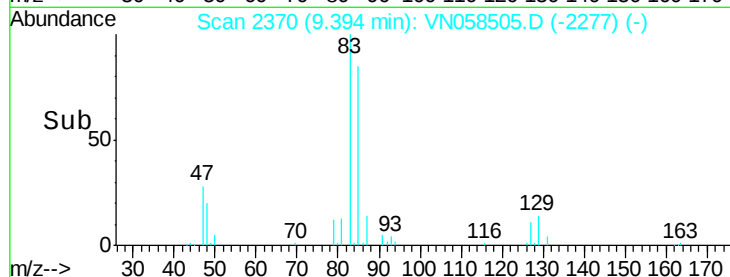
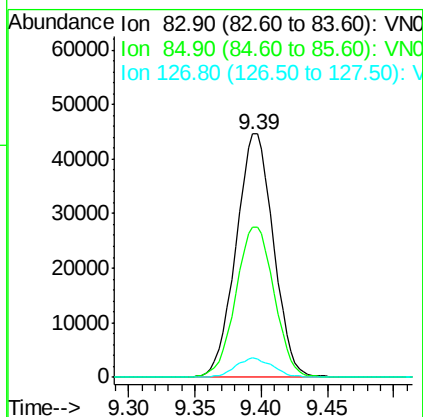
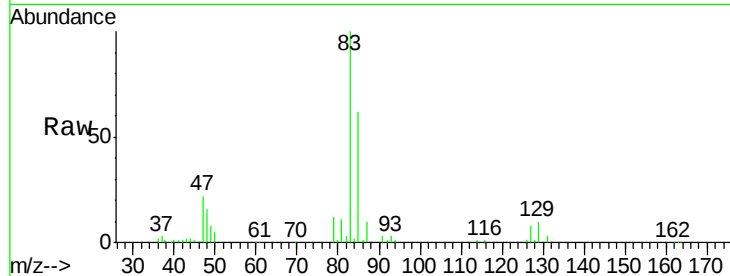
ClientSampleId :

VN1003WBS01

Tot Ion:	83	Resp:	87671
Ion Ratio	Lower	Upper	
83	100		
85	61.9	51.2	76.8
127	7.9	6.3	9.5

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#48

Methyl methacrylate

Concen: 18.878 ug/l

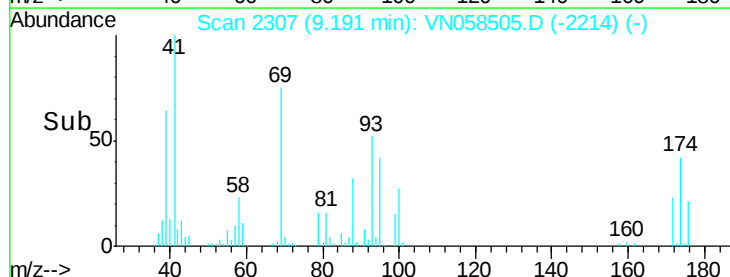
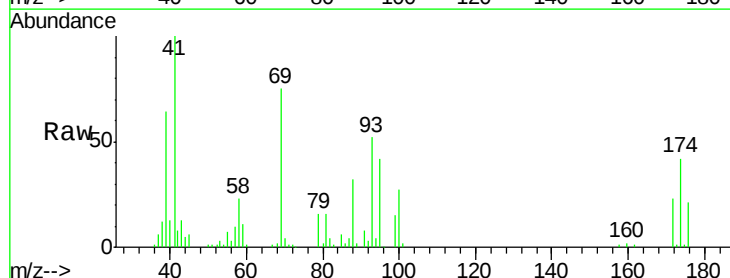
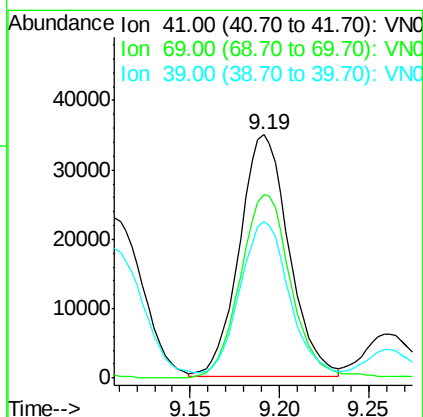
RT: 9.19 min Scan# 2307

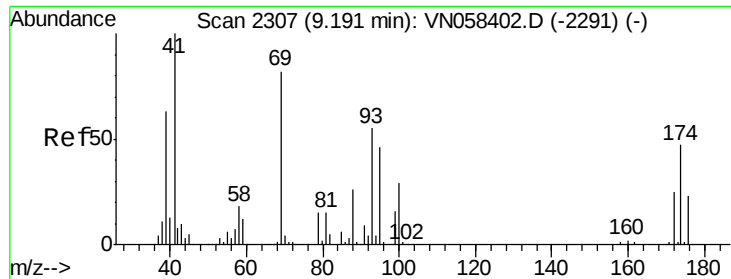
Delta R.T. -0.00 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Tgt Ion:	41	Resp:	67645
Ion Ratio	Lower	Upper	
41	100		
69	78.5	64.7	97.1
39	64.2	52.9	79.3





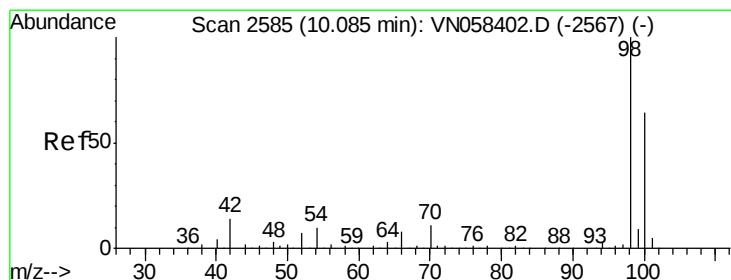
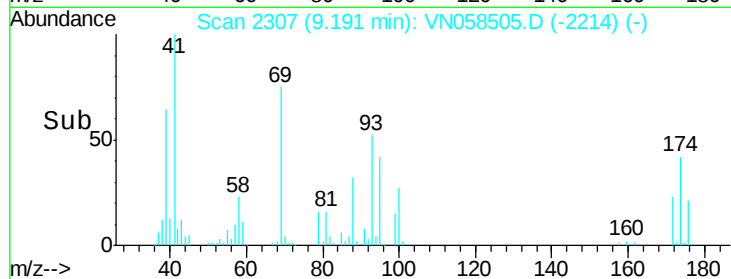
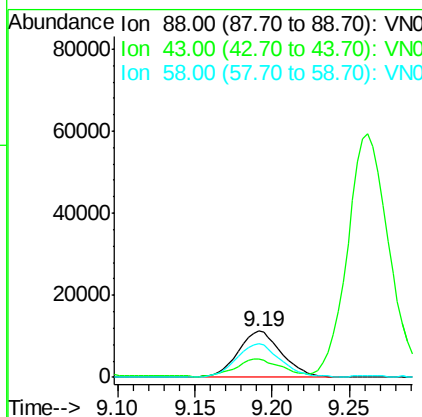
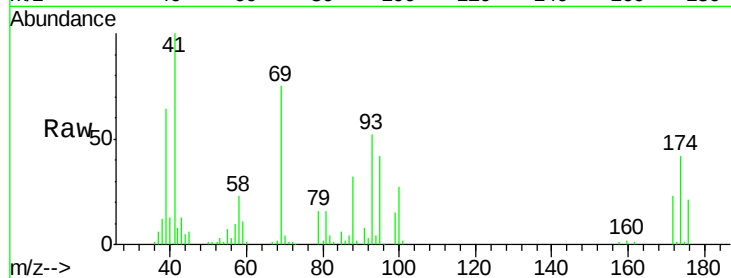
#49
1,4-Dioxane
Concen: 459.298 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. -0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.1	31.1	46.7
58	74.6	58.1	87.1

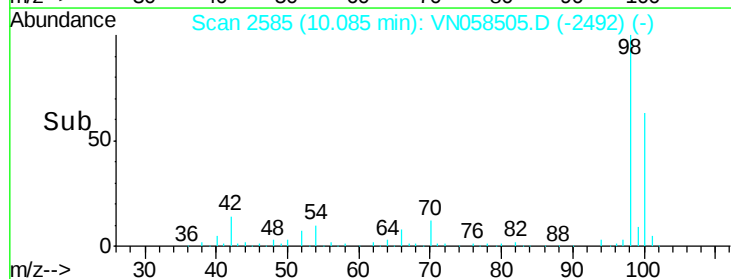
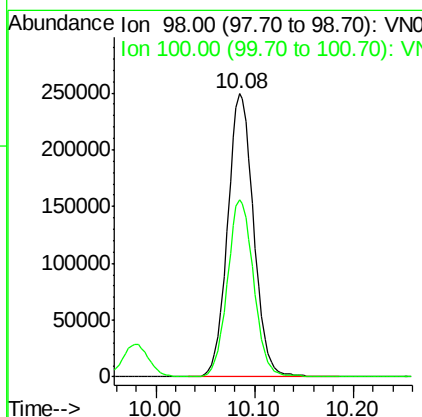
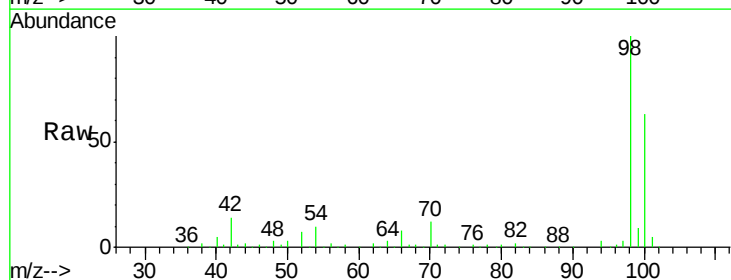
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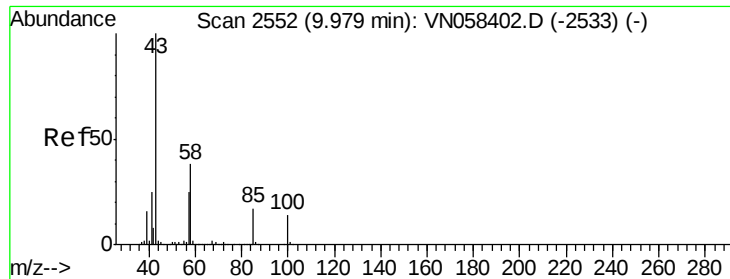
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#50
Toluene-d8
Concen: 37.038 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.0	76.6





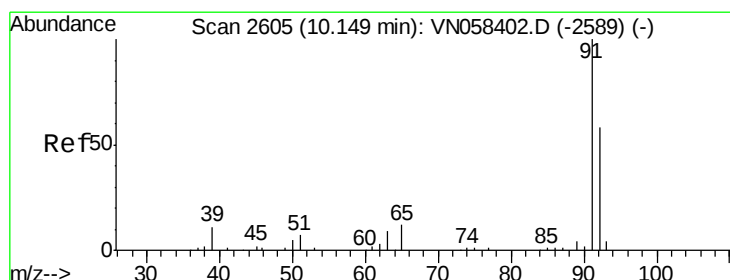
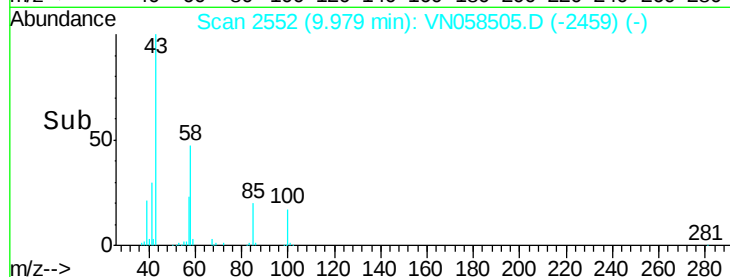
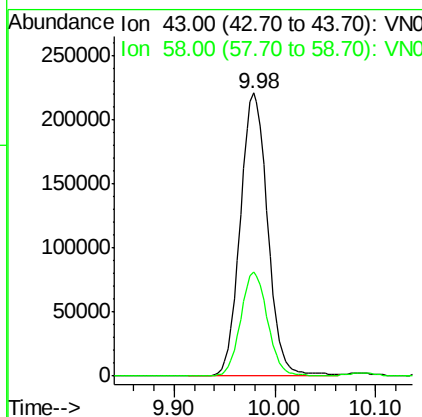
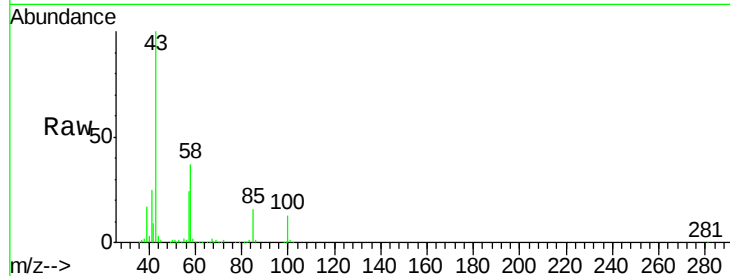
#51
4-Methyl-2-Pentanone
Concen: 102.301 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. -0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.2	30.2	45.2

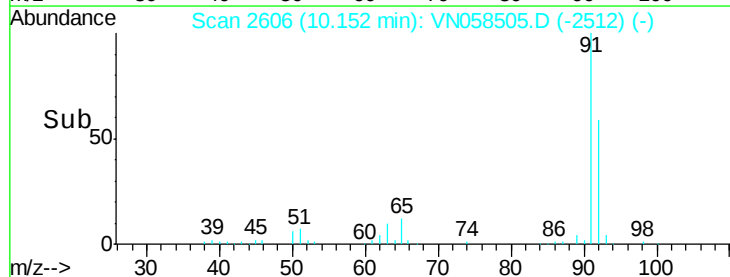
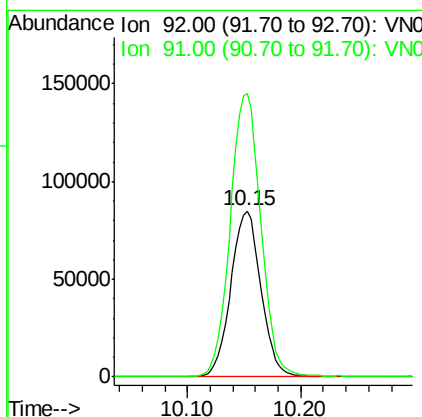
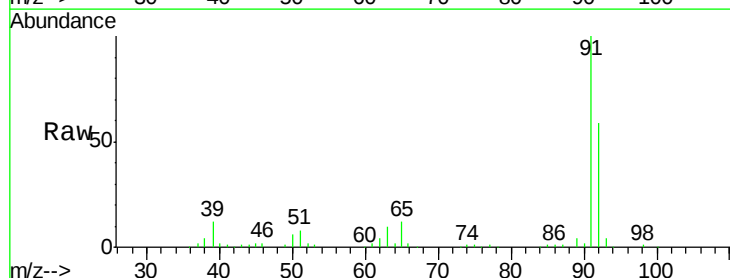
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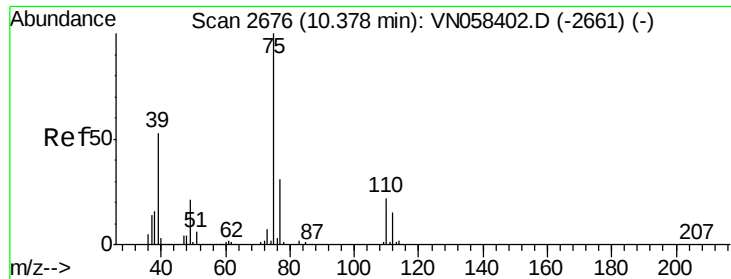
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#52
Toluene
Concen: 17.700 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. 0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.1	140.2	210.4





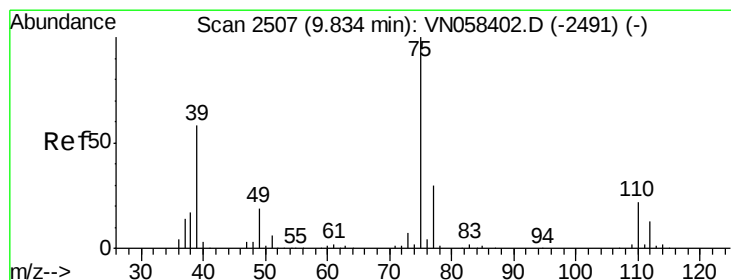
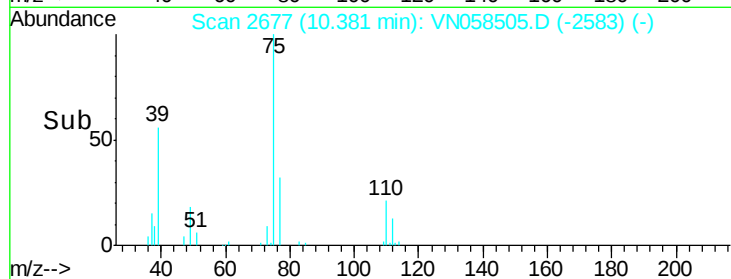
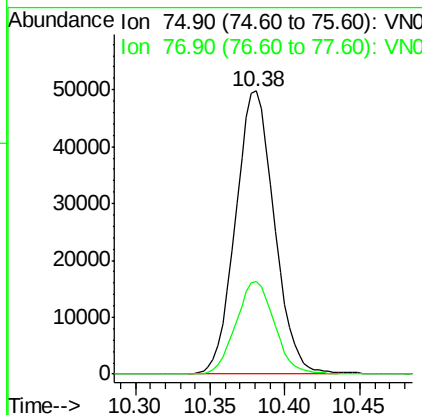
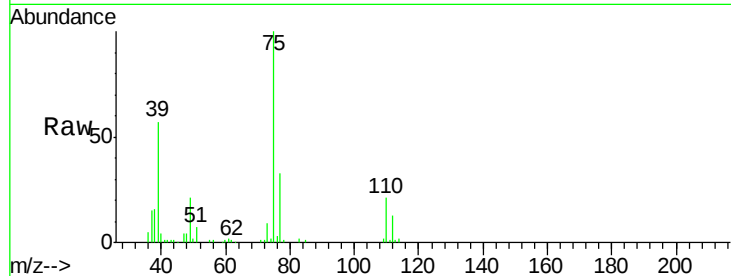
#53
t-1,3-Dichloropropene
Concen: 18.072 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

Tot Ion: 75 Resp: 89807
Ion Ratio Lower Upper
75 100
77 32.7 25.2 37.8

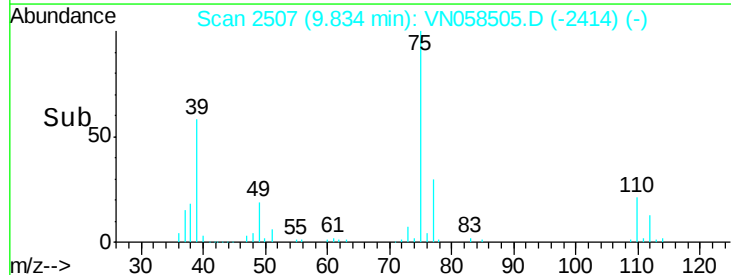
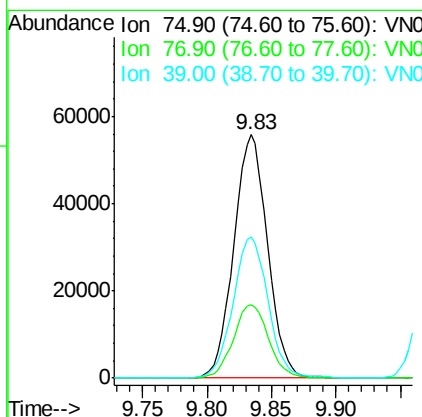
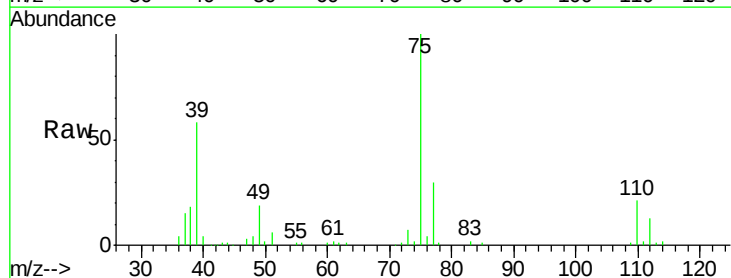
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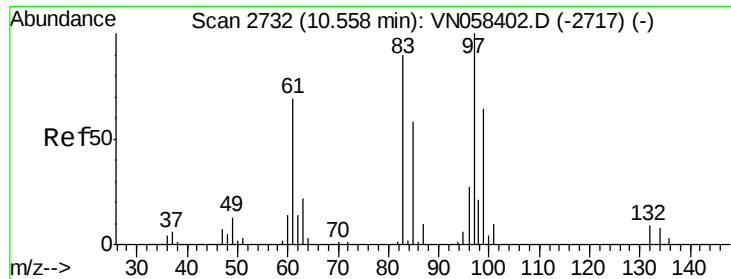
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.426 ug/l
RT: 9.83 min Scan# 2507
Delta R.T. -0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Tgt Ion: 75 Resp: 101639
Ion Ratio Lower Upper
75 100
77 30.0 24.2 36.4
39 58.1 46.4 69.6





#55

1,1,2-Trichloroethane

Concen: 18.984 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Instrument :

MSVOA_N

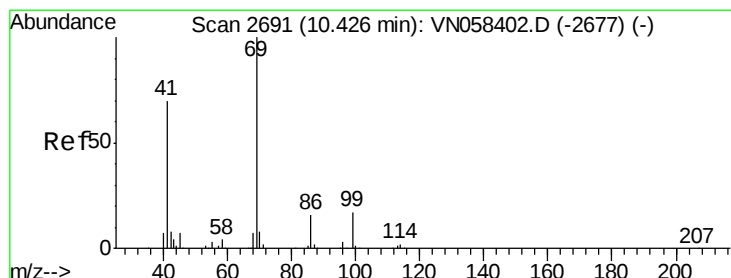
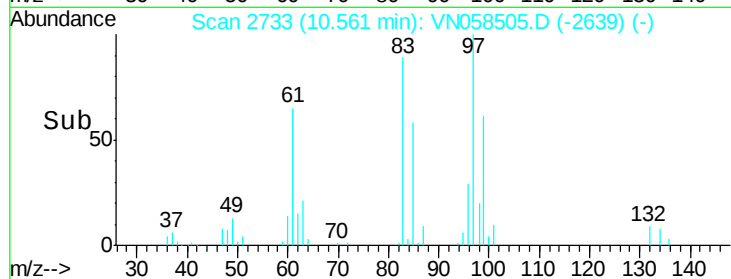
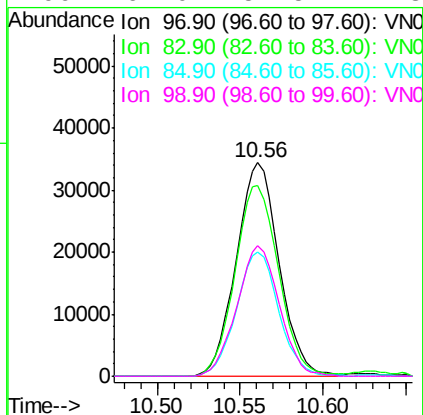
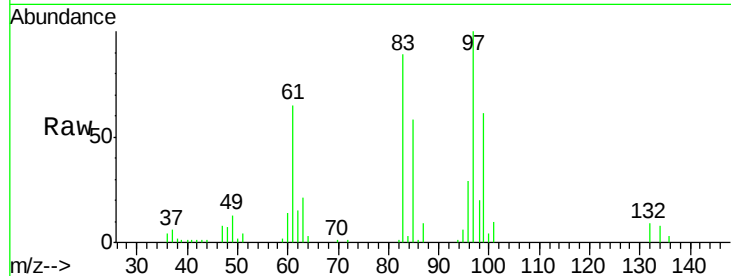
ClientSampleId :

VN1003WBS01

Tot Ion:	97	Resp:	61729
Ion	Ratio	Lower	Upper
97	100		
83	89.2	71.8	107.6
85	58.1	46.6	69.8
99	61.0	51.5	77.3

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#56

Ethyl methacrylate

Concen: 18.303 ug/l

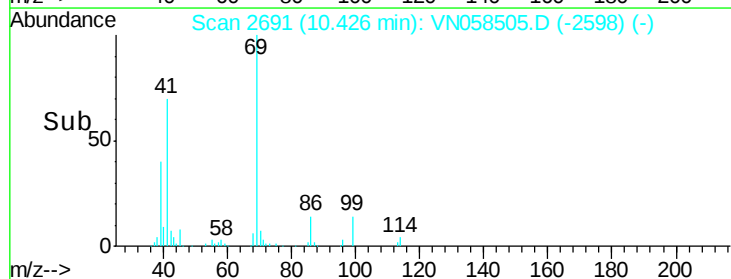
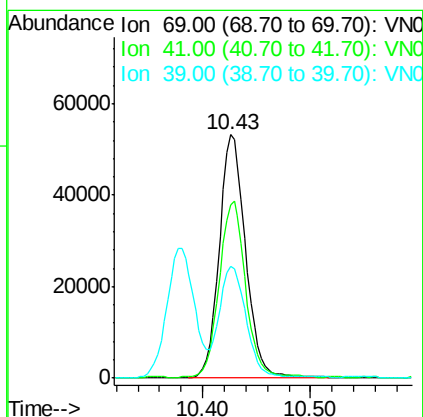
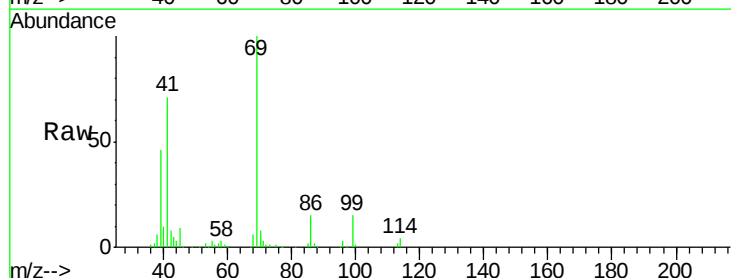
RT: 10.43 min Scan# 2691

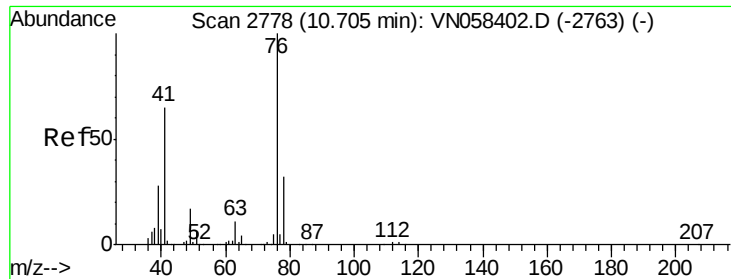
Delta R.T. -0.00 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Tgt Ion:	69	Resp:	90310
Ion	Ratio	Lower	Upper
69	100		
41	71.7	56.3	84.5
39	45.6	35.8	53.6





#57

1,3-Dichloropropane

Concen: 18.908 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

VN1003WBS01

Tot Ion: 76 Resp: 109668

Ion Ratio Lower Upper

76 100

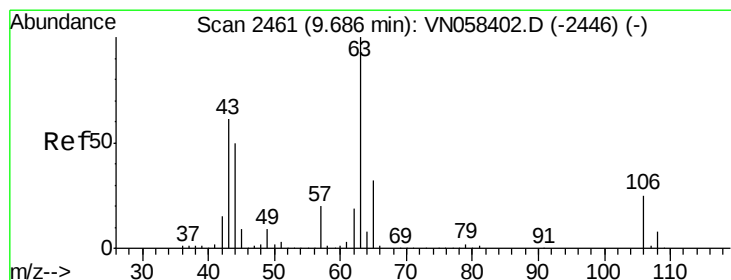
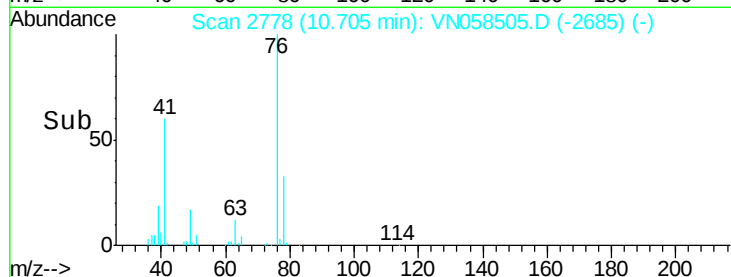
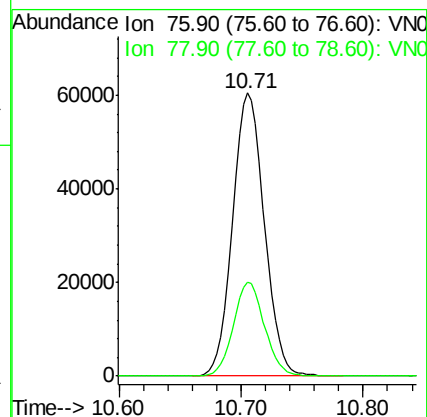
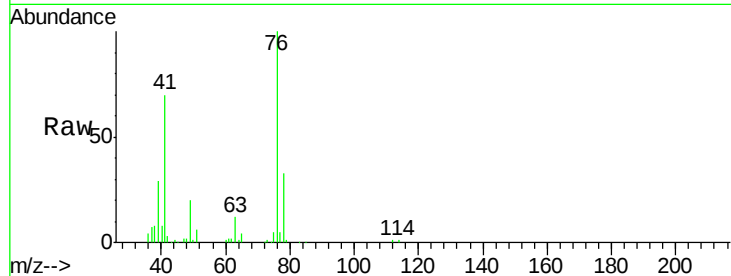
78 32.5 25.7 38.5

Manual Integrations

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10/4/2019 9:30:09 AM



#58

2-Chloroethyl Vinyl ether

Concen: 92.849 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN058505.D

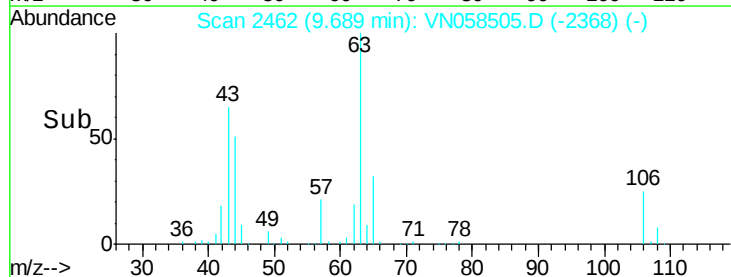
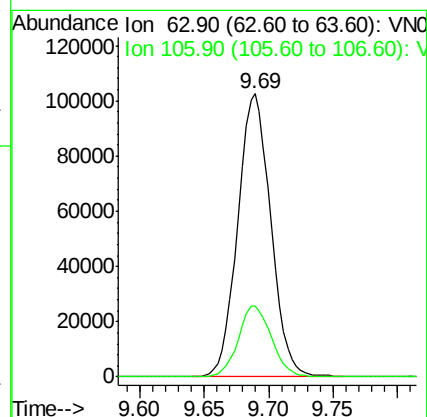
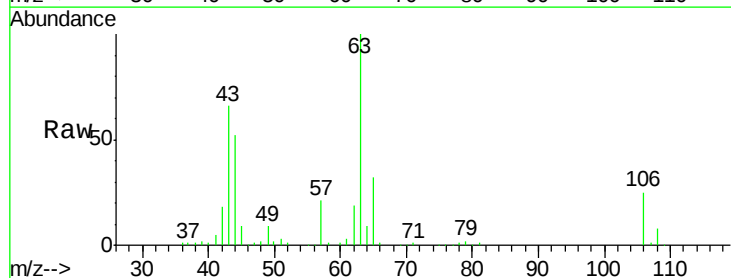
Acq: 3 Oct 2019 13:31

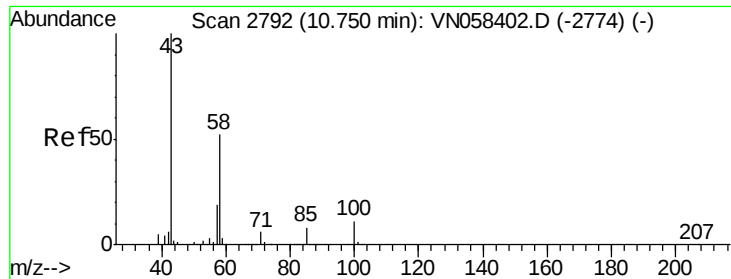
Tgt Ion: 63 Resp: 182674

Ion Ratio Lower Upper

63 100

106 25.2 20.3 30.5





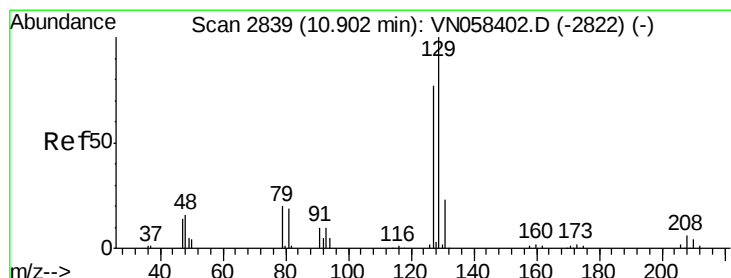
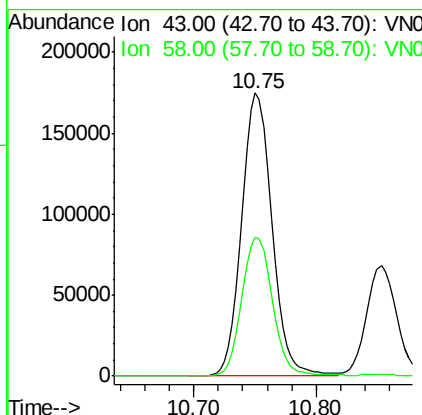
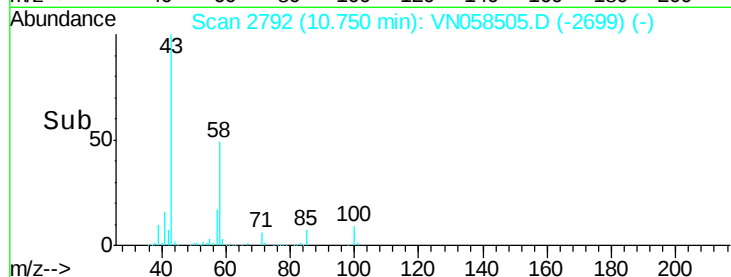
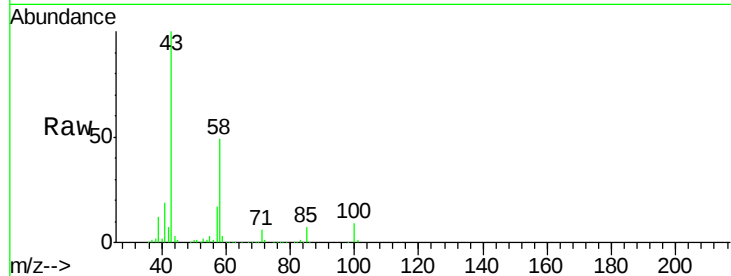
#59
2-Hexanone
Concen: 101.625 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

Tot Ion	43	Resp	299110
Ion Ratio	100	Lower	Upper
43	100		
58	50.1	25.8	77.3

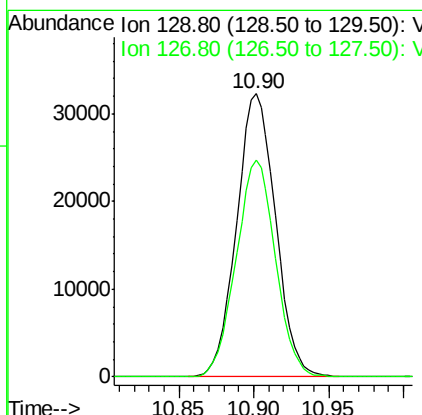
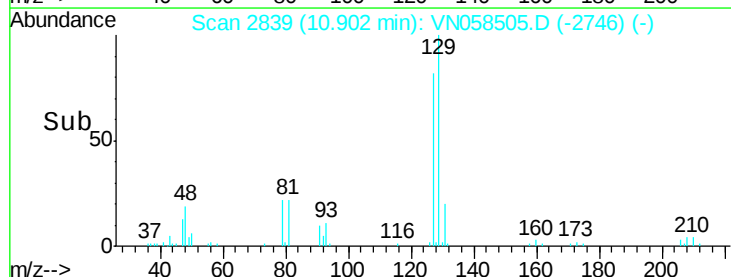
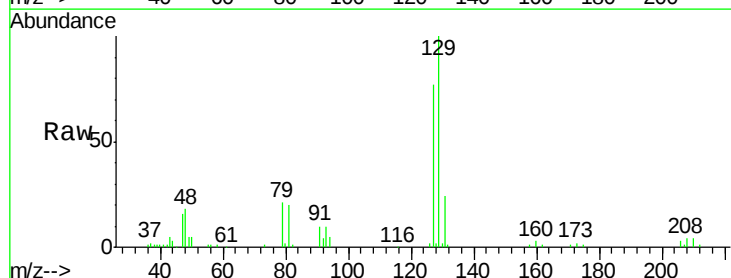
Manual Integrations
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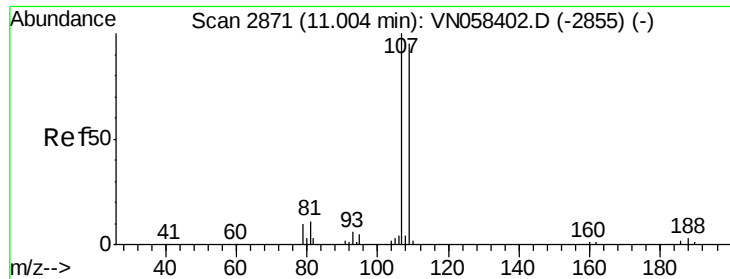
MMDadoda
10/4/2019 9:30:09 AM



#60
Dibromochloromethane
Concen: 17.034 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Tgt Ion	129	Resp	58586
Ion Ratio	100	Lower	Upper
129	100		
127	77.2	38.3	114.8





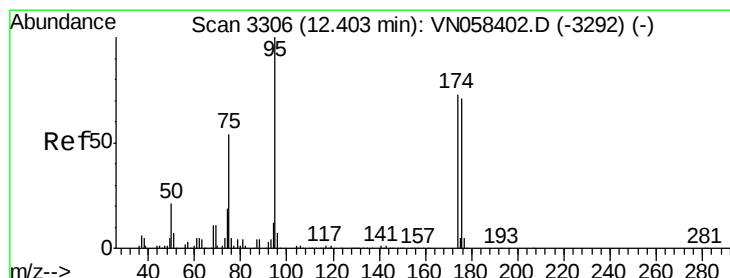
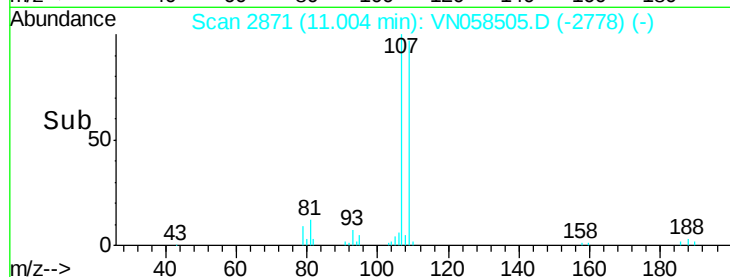
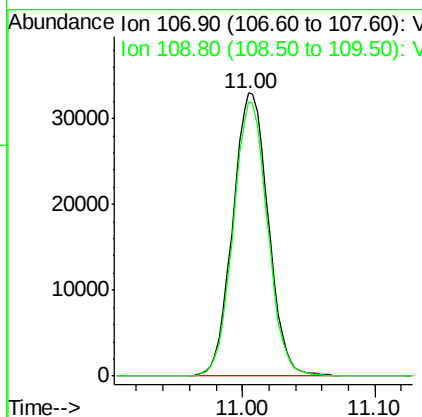
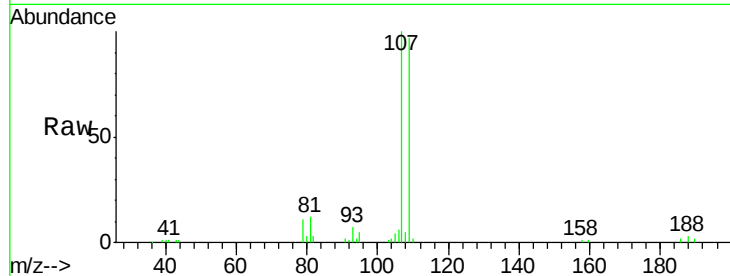
#61
 1,2-Dibromoethane
 Concen: 18.444 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN058505.D
 Acq: 3 Oct 2019 13:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBS01

Tot Ion:107 Resp: 61279
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.3 112.9

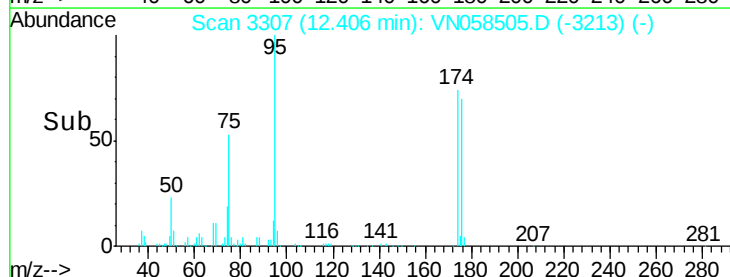
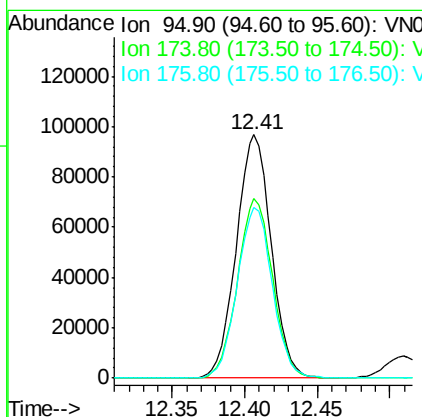
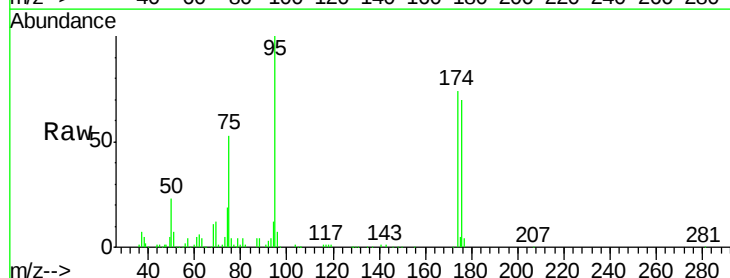
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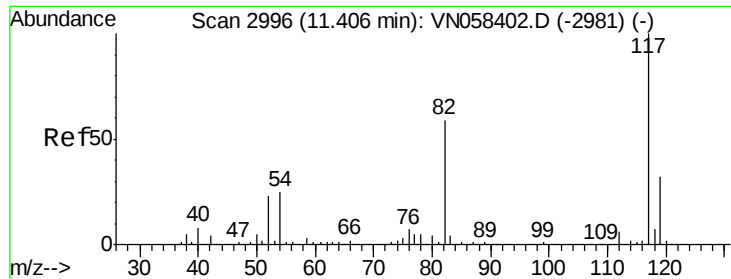
MMDadoda
 10/4/2019 9:30:09 AM



#62
 4-Bromofluorobenzene
 Concen: 36.136 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN058505.D
 Acq: 3 Oct 2019 13:31

Tgt Ion: 95 Resp: 161932
 Ion Ratio Lower Upper
 95 100
 174 74.0 0.0 150.6
 176 70.5 0.0 146.2





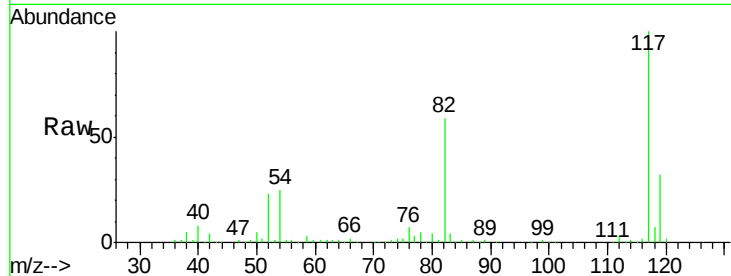
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

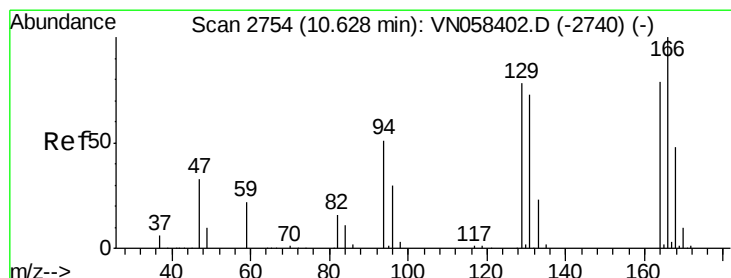
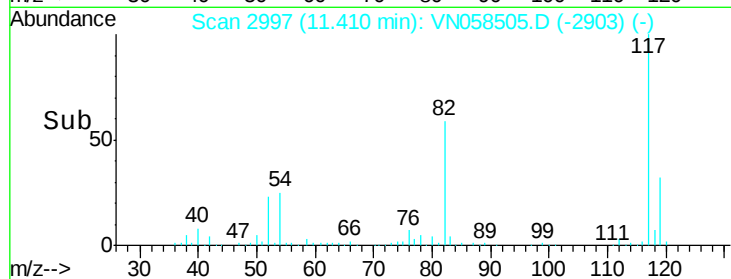
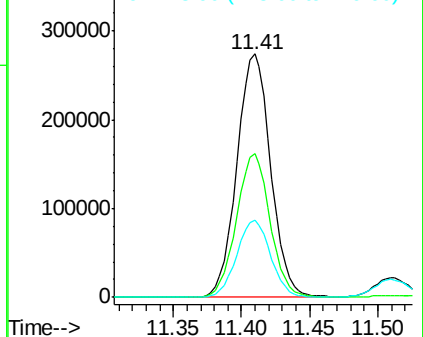
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.8	47.4	71.0
119	31.6	25.5	38.3

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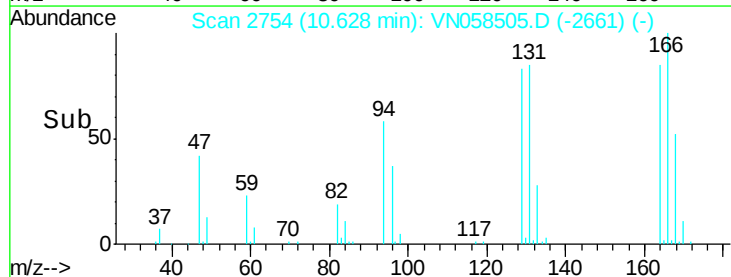
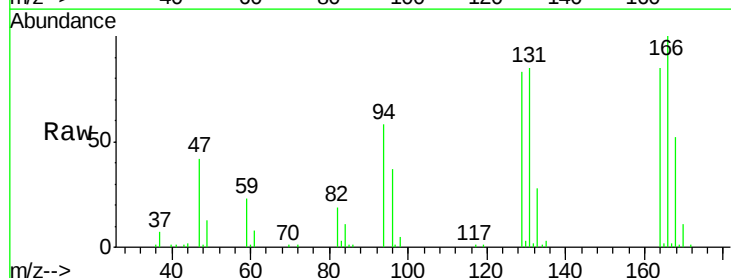
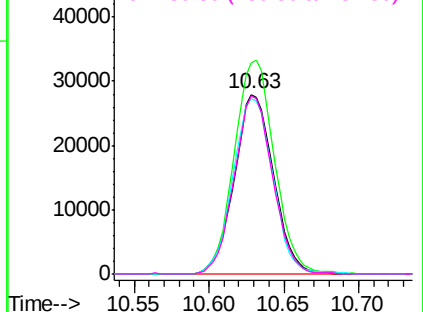
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

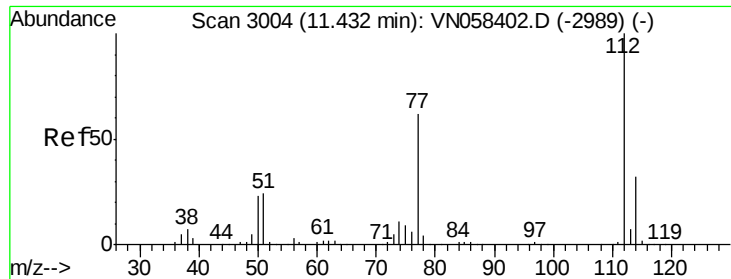


#64
Tetrachloroethene
Concen: 17.059 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	117.3	101.1	151.7
129	97.6	79.2	118.8
131	99.1	74.1	111.1

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





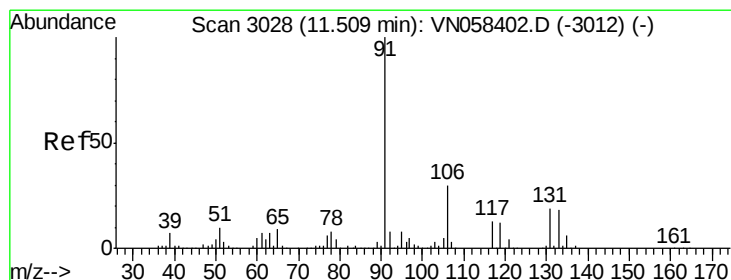
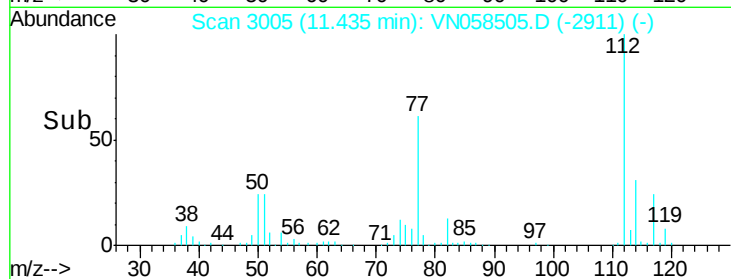
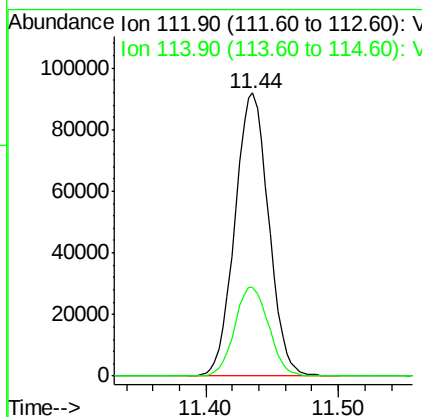
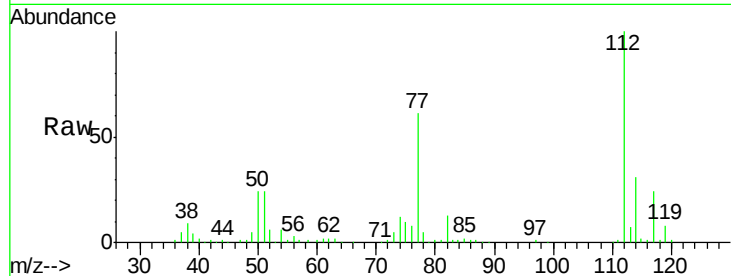
#65
Chlorobenzene
Concen: 17.365 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Instrument :
MSVOA_N
ClientSampled :
VN1003WBS01

Tot Ion:112 Resp: 162669
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2

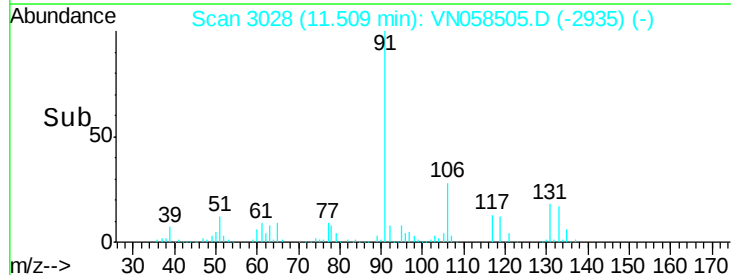
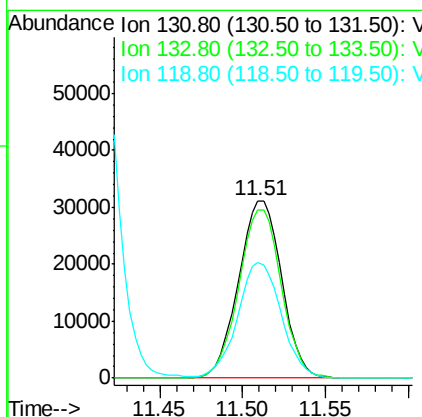
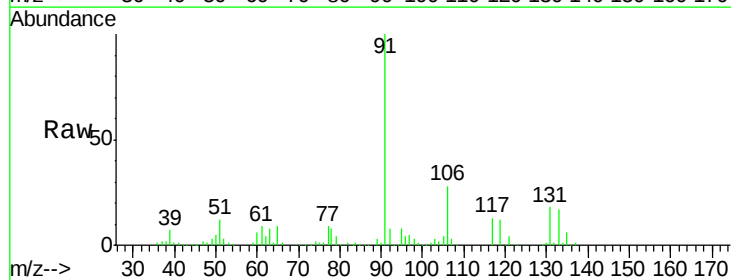
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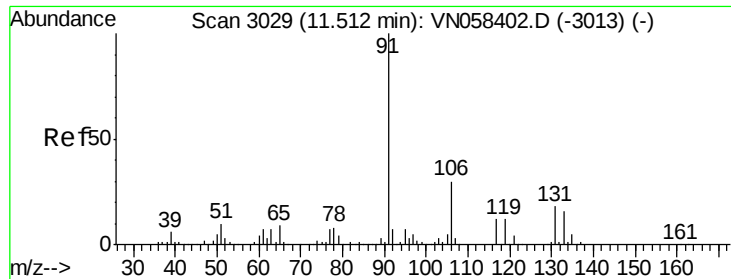
MMDadoda
10/4/2019 9:30:09 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 17.813 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Tgt Ion:131 Resp: 56221
Ion Ratio Lower Upper
131 100
133 93.9 47.8 143.3
119 66.2 33.0 99.0





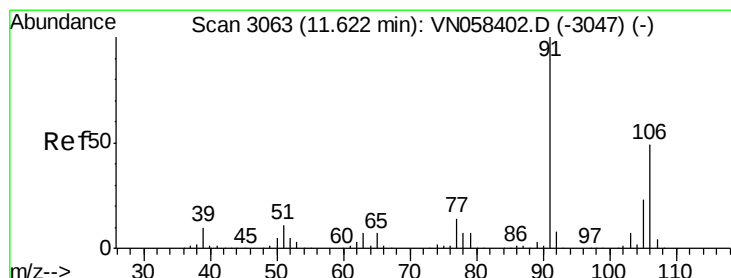
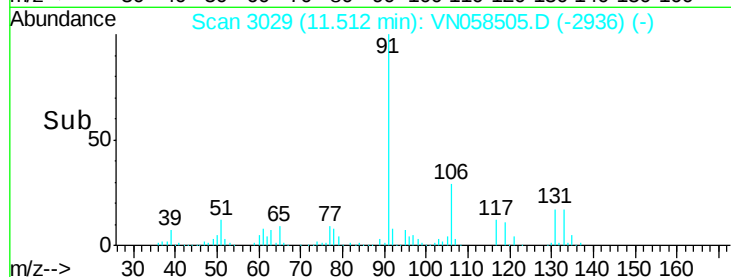
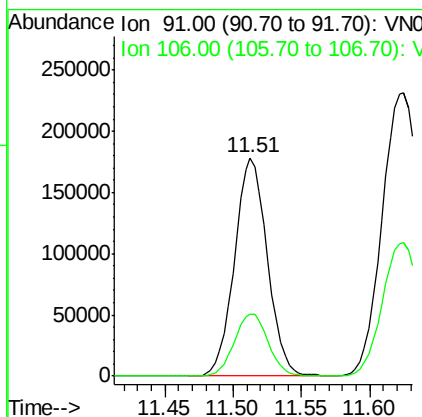
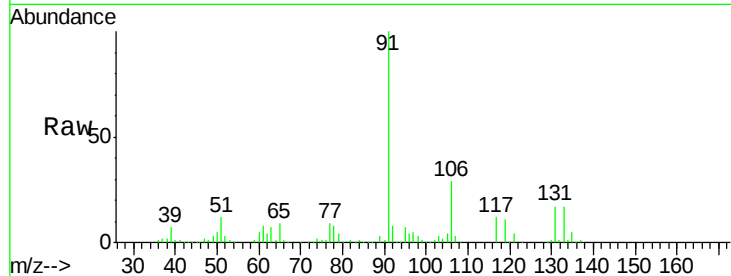
#67
Ethyl Benzene
Concen: 17.539 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Instrument :
MSVOA_N
ClientSampled :
VN1003WBS01

Tot Ion: 91 Resp: 297584
Ion Ratio Lower Upper
91 100
106 28.6 24.3 36.5

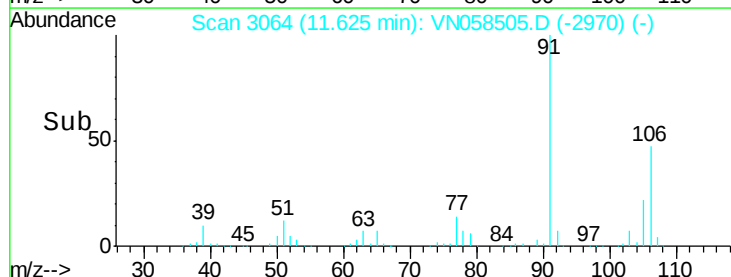
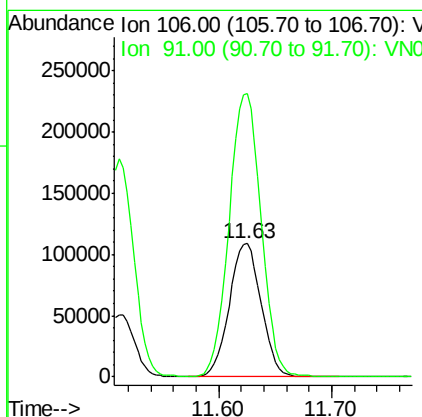
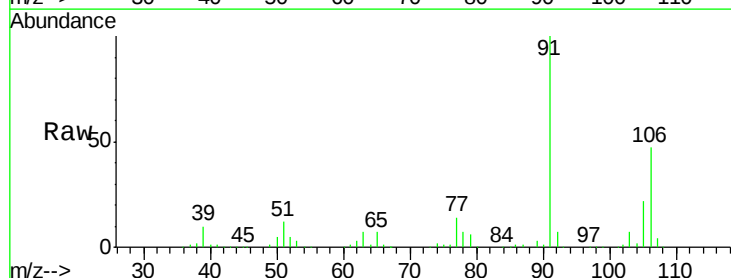
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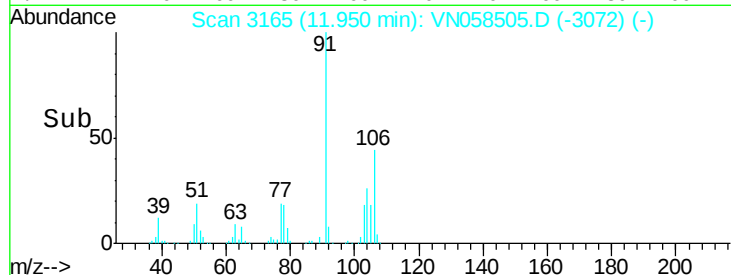
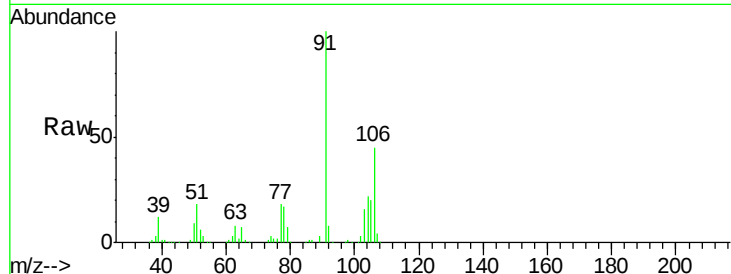
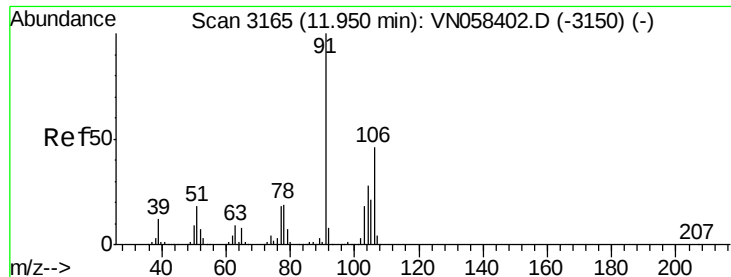
MMDadoda
10/4/2019 9:30:09 AM



#68
m/p-Xylenes
Concen: 33.388 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Tgt Ion: 106 Resp: 213144
Ion Ratio Lower Upper
106 100
91 214.0 165.0 247.4





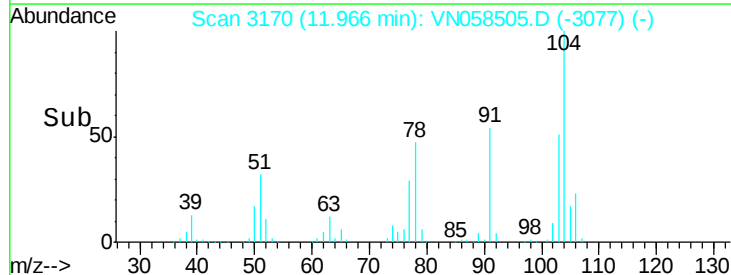
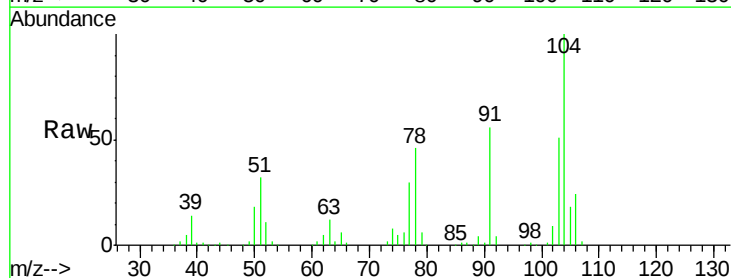
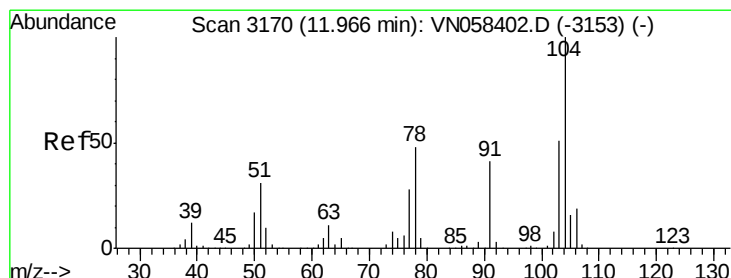
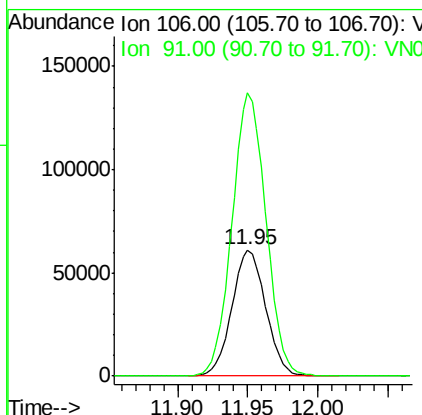
#69
o-Xylene
Concen: 16.644 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	102280		
91	91	226.2	109.1	327.4	

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

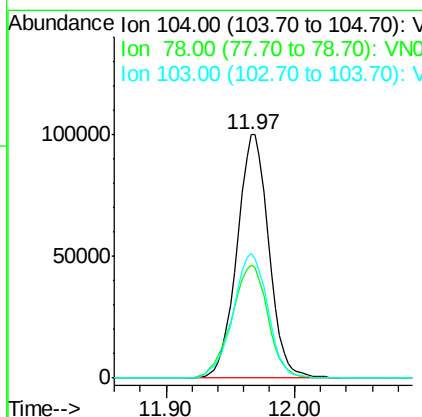
Manual Integrations
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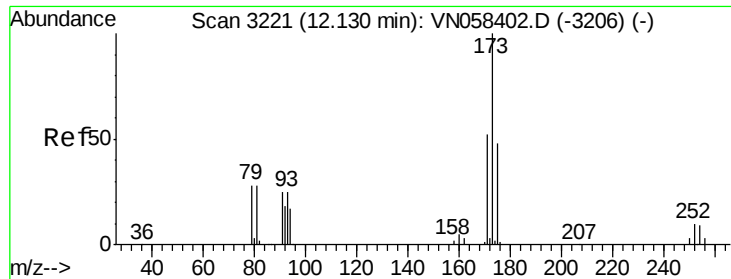
MMDadoda
10/4/2019 9:30:09 AM



#70
Styrene
Concen: 17.217 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. -0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	171889		
78	78	52.8	42.8	64.2	
103	103	55.8	43.7	65.5	





#71

Bromoform

Concen: 16.395 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Instrument :

MSVOA_N

ClientSampled :

VN1003WBS01

Tot Ion:173 Resp: 34727

Ion Ratio Lower Upper

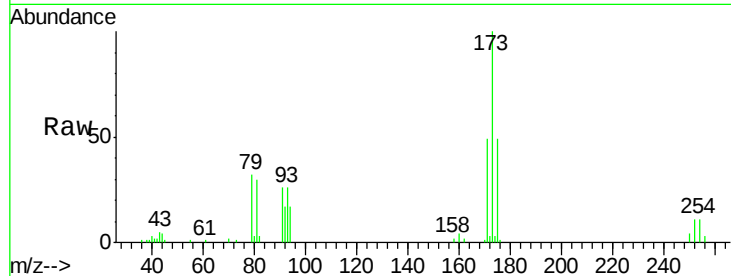
173 100

175 48.7 24.3 73.0

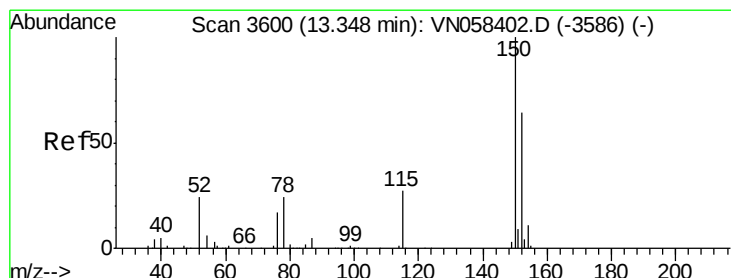
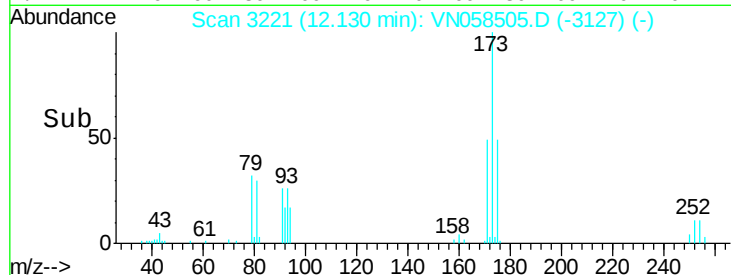
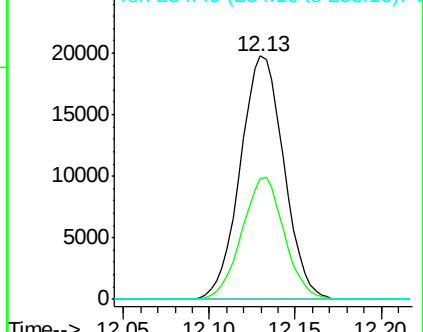
254 0.0 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

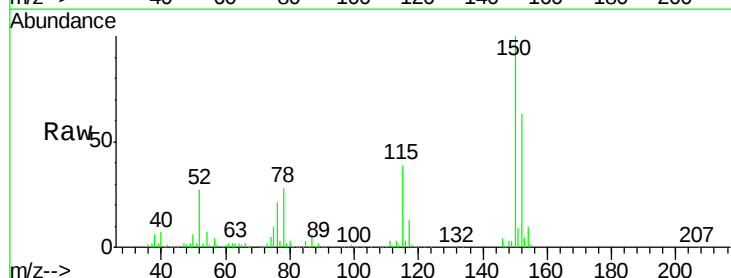
Tgt Ion:152 Resp: 209630

Ion Ratio Lower Upper

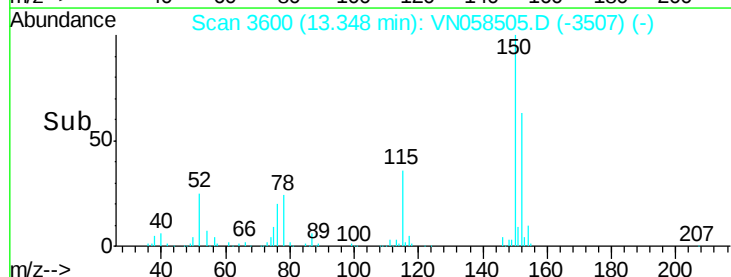
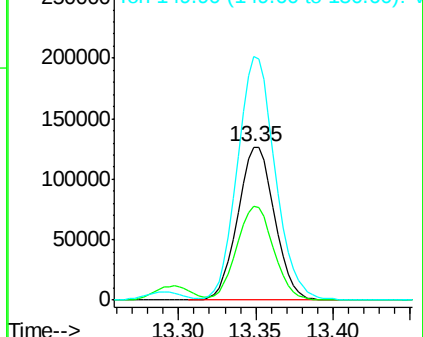
152 100

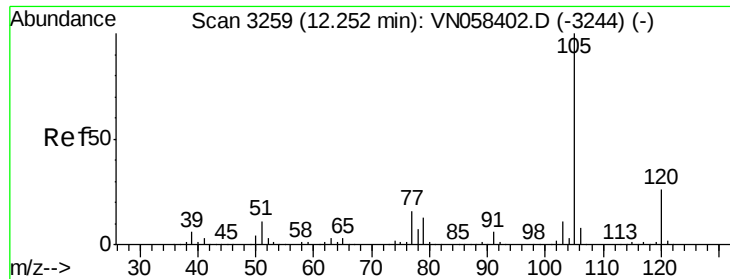
115 61.4 30.0 90.0

150 163.6 0.0 348.2



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





#73

Isopropylbenzene

Concen: 17.913 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

VN1003WBS01

Tot Ion: 105 Resp: 277512

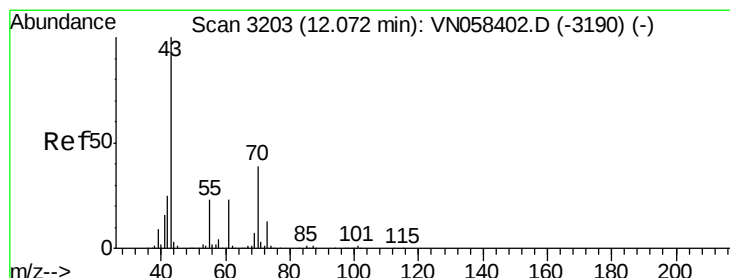
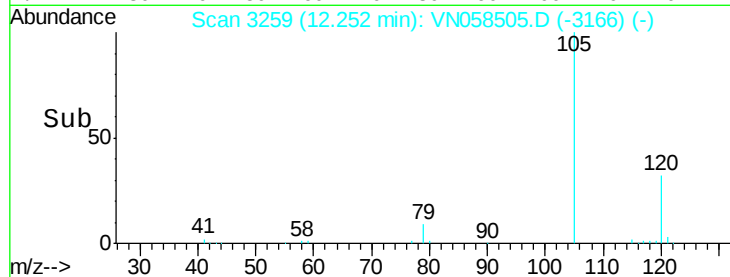
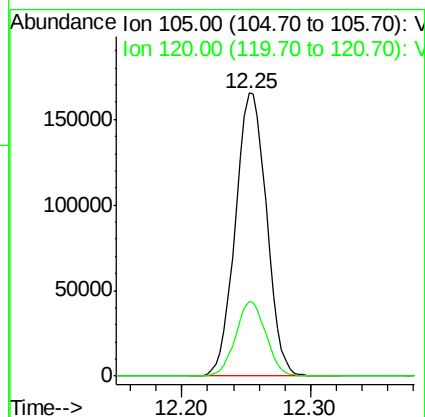
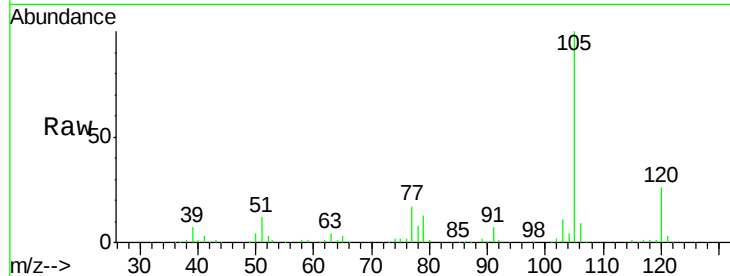
Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.4

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#74

N-ethyl acetate

Concen: 17.500 ug/l

RT: 12.08 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Tgt Ion: 43 Resp: 107857

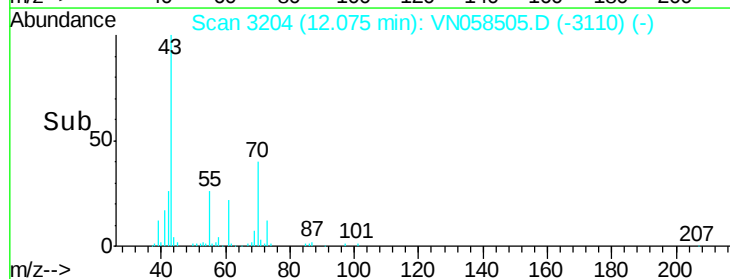
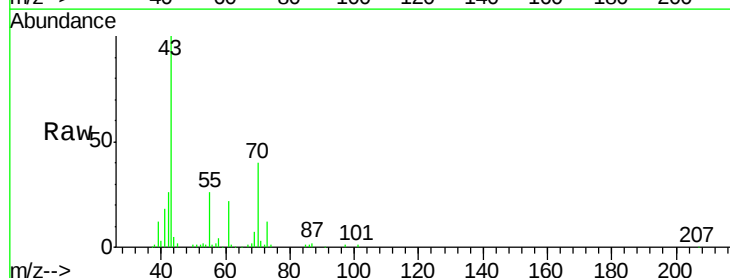
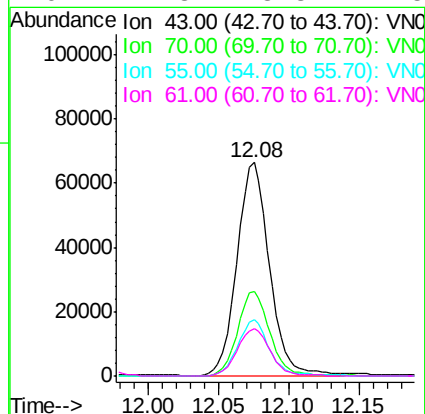
Ion Ratio Lower Upper

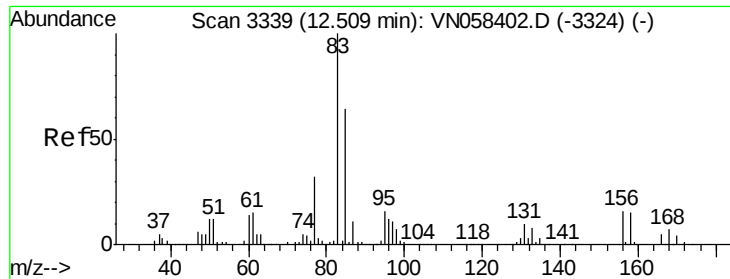
43 100

70 39.0 31.4 47.2

55 25.1 18.2 27.4

61 22.3 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.741 ug/l

RT: 12.51 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Instrument :

MSVOA_N

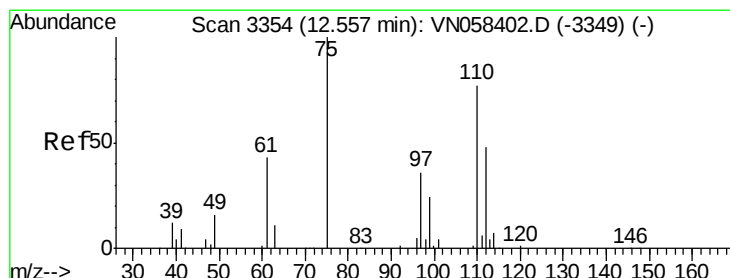
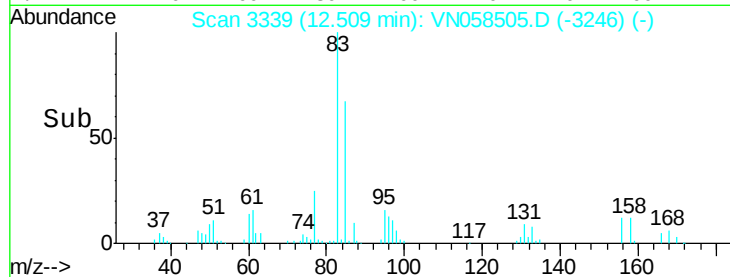
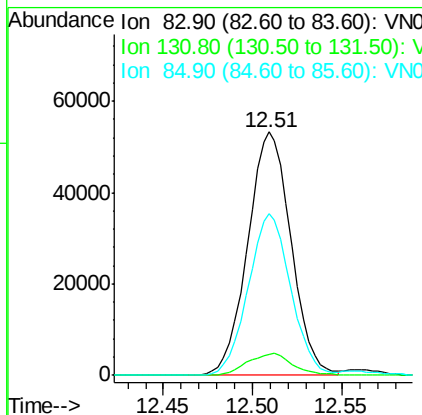
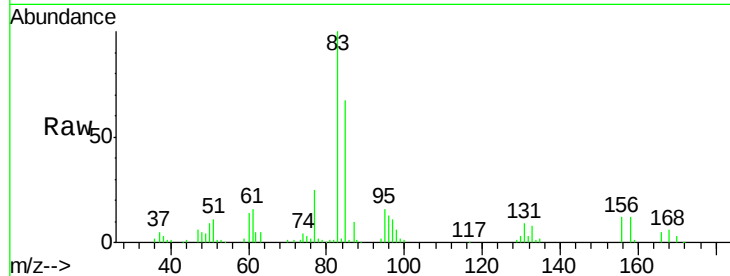
ClientSampleId :

VN1003WBS01

Tot Ion:	83	Resp:	90434
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.9	14.7
85	65.1	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 20.033 ug/l m

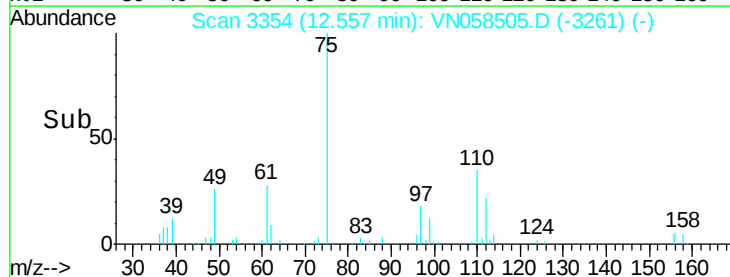
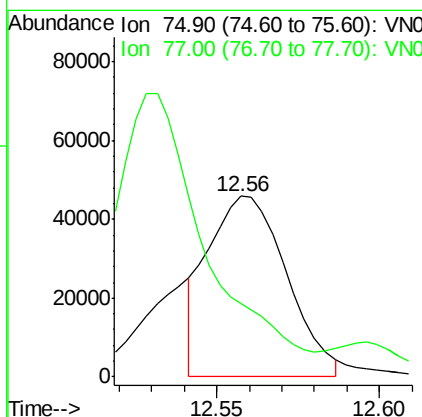
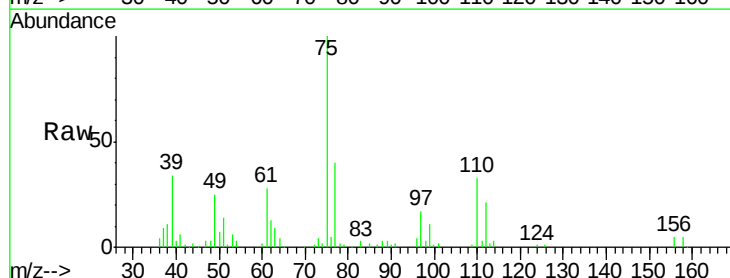
RT: 12.56 min Scan# 3354

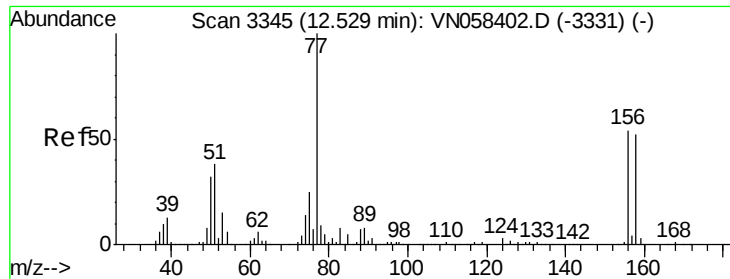
Delta R.T. -0.00 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Tgt Ion:	75	Resp:	76706
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 17.521 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

VN1003WBS01

Tot Ion:156 Resp: 63647

Ion Ratio Lower Upper

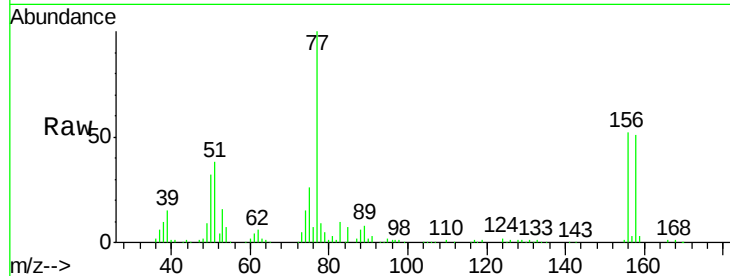
156 100

77 229.1 110.0 330.0

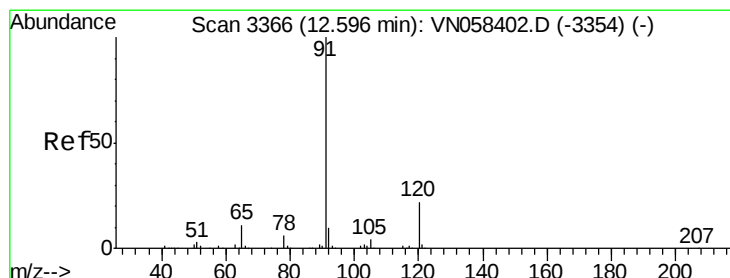
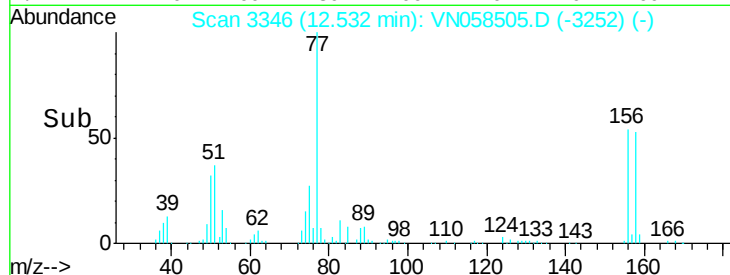
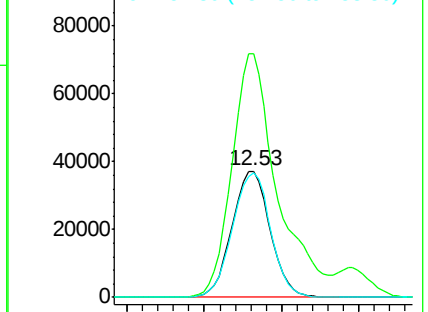
158 98.7 47.9 143.8

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.698 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN058505.D

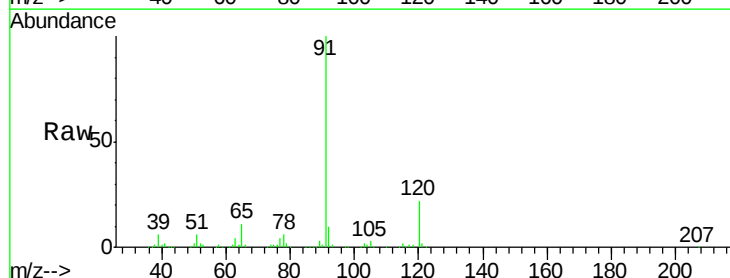
Acq: 3 Oct 2019 13:31

Tgt Ion: 91 Resp: 326344

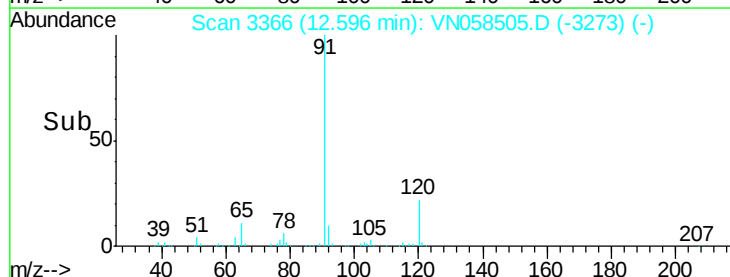
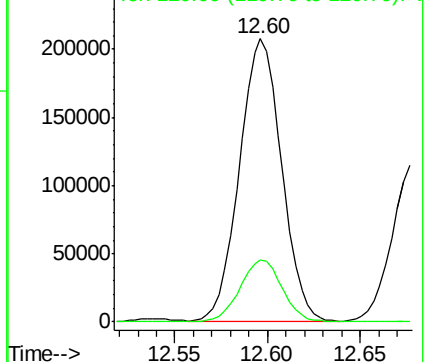
Ion Ratio Lower Upper

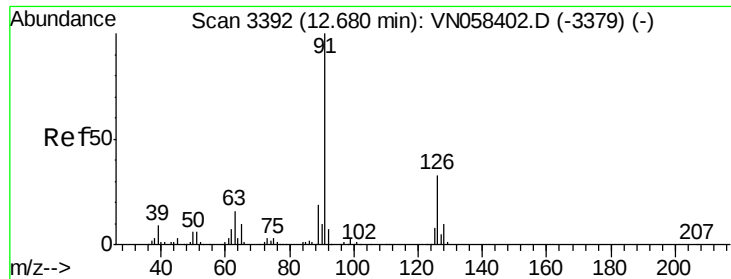
91 100

120 22.1 10.9 32.9



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





#79

2-Chlorotoluene

Concen: 18.067 ug/l

RT: 12.68 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

VN1003WBS01

Tot Ion: 91 Resp: 194631

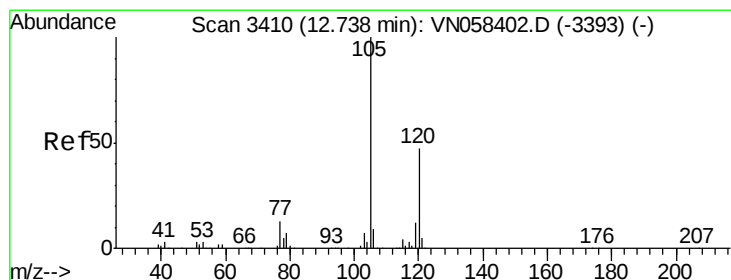
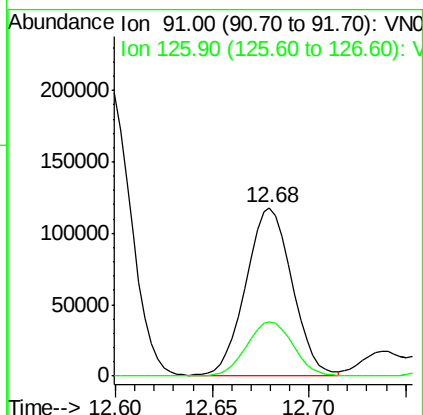
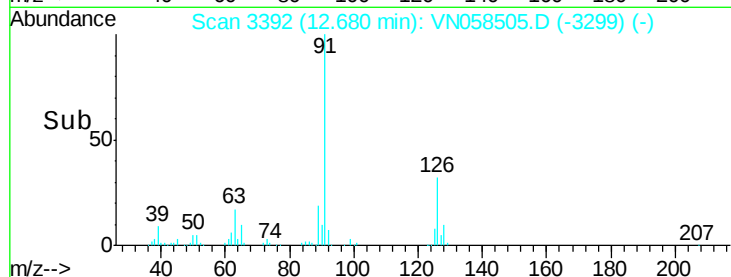
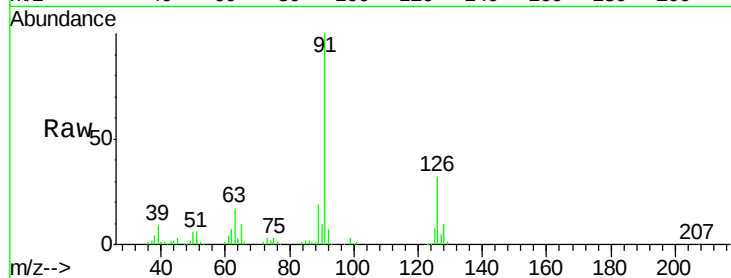
Ion Ratio Lower Upper

91 100

126 32.9 16.2 48.6

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 18.170 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN058505.D

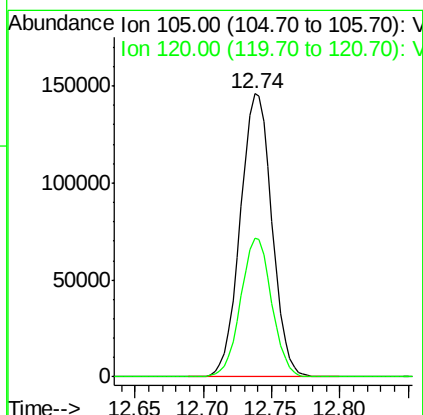
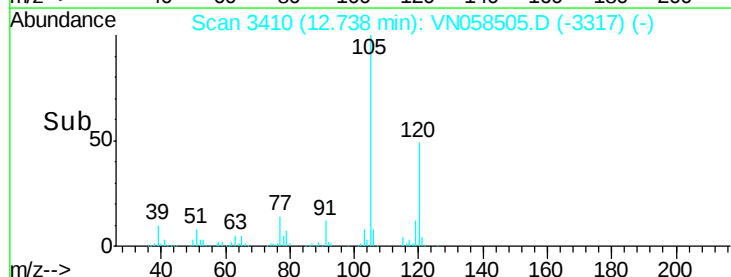
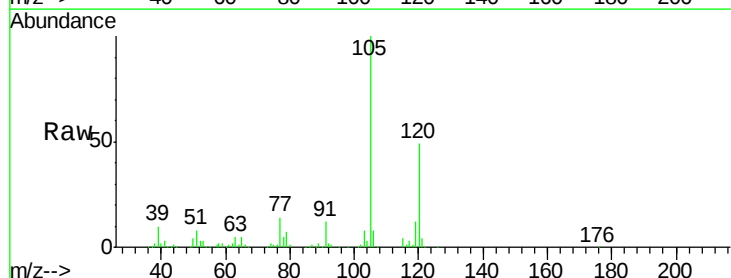
Acq: 3 Oct 2019 13:31

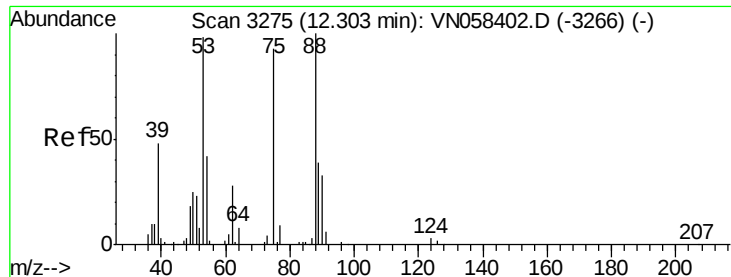
Tgt Ion: 105 Resp: 235641

Ion Ratio Lower Upper

105 100

120 48.0 23.5 70.6





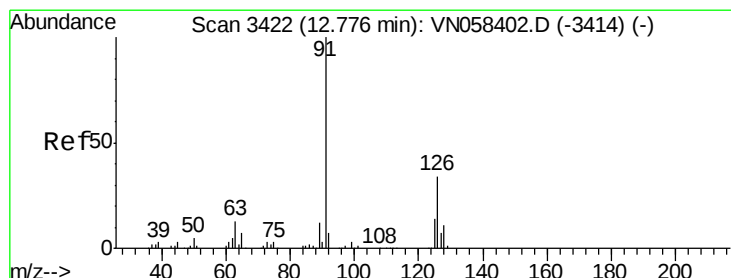
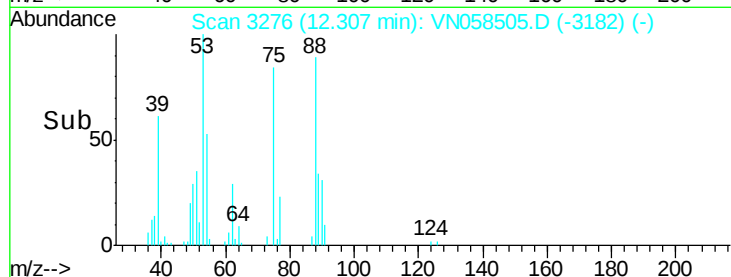
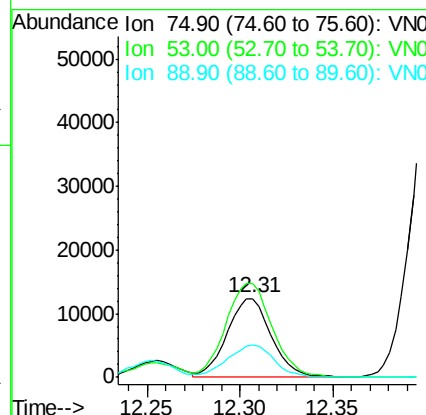
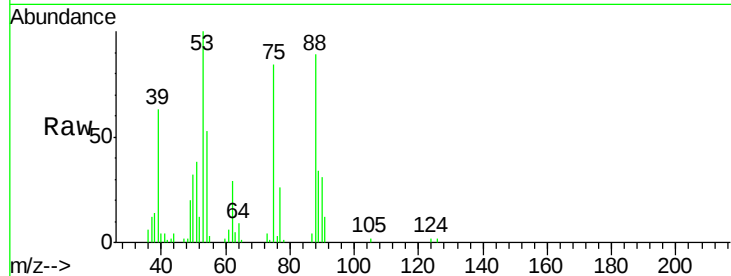
#81
trans-1,4-Dichloro-2-butene
Concen: 16.285 ug/l
RT: 12.31 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Instrument :
MSVOA_N
ClientSampled :
VN1003WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	124.9	85.4	128.0
89	42.7	35.0	52.4

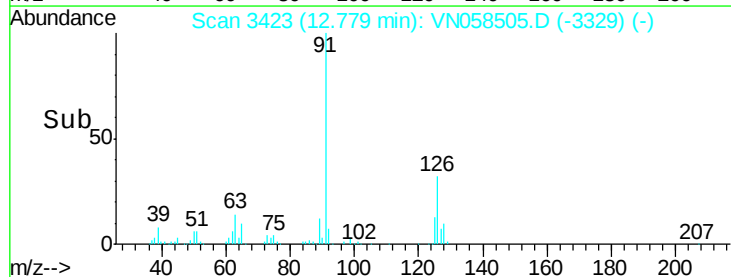
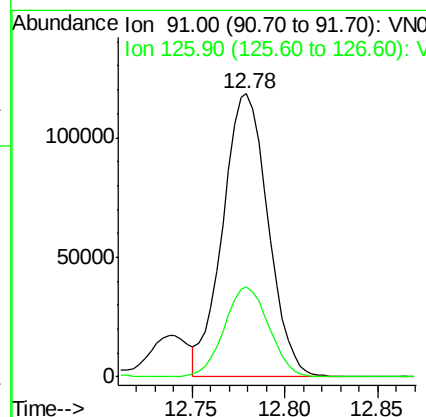
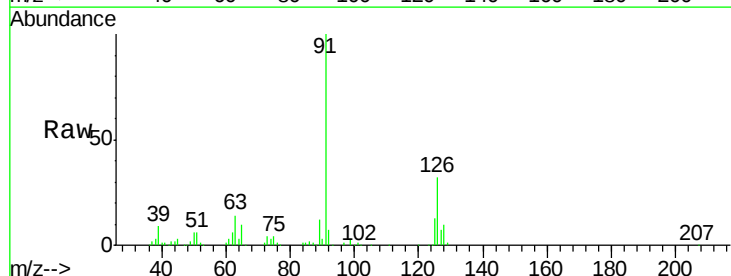
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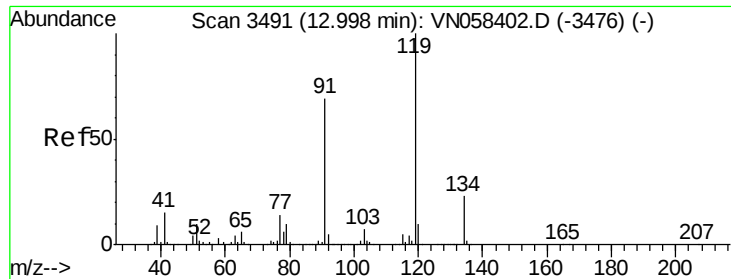
MMDadoda
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#82
4-Chlorotoluene
Concen: 18.107 ug/l
RT: 12.78 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	15.9	47.7





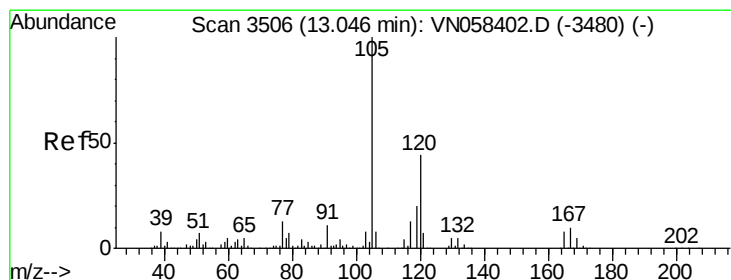
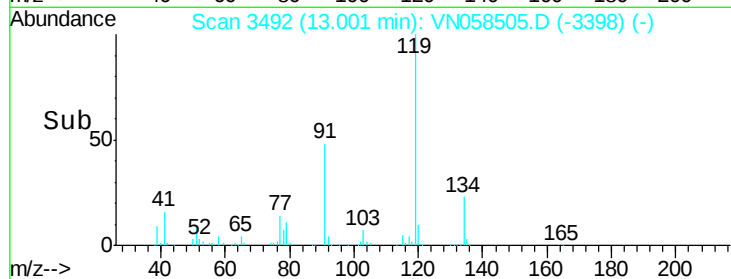
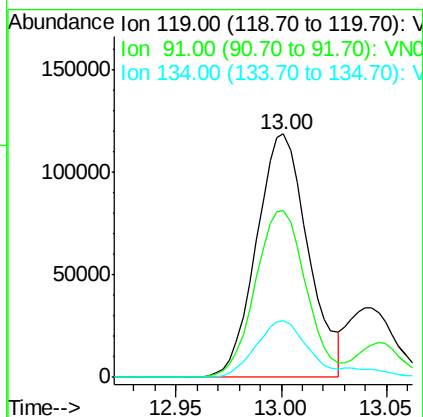
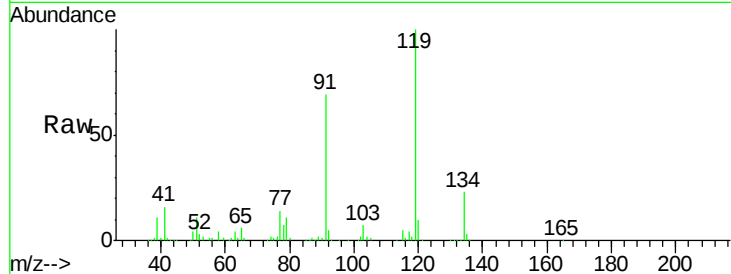
#83
tert-Butylbenzene
Concen: 18.510 ug/l
RT: 13.00 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.9	34.2	102.6
134	23.1	11.6	34.8

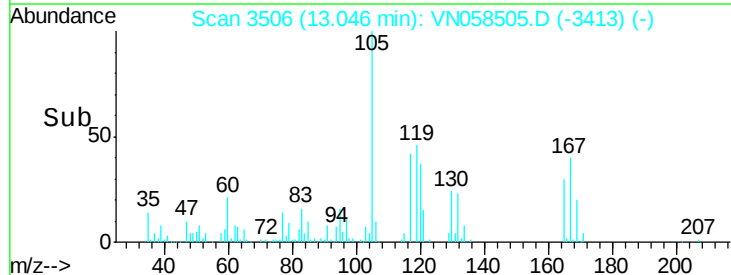
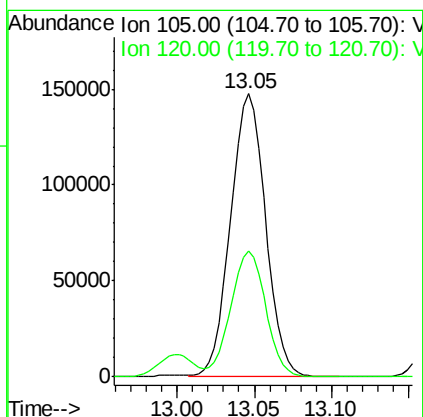
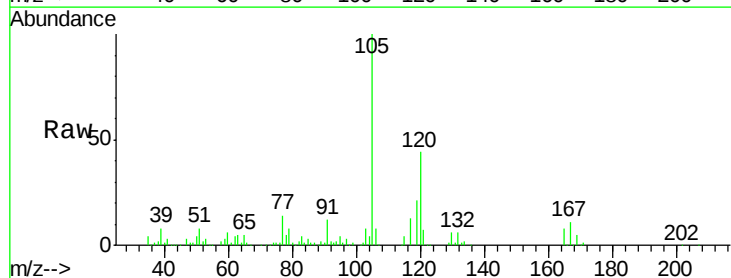
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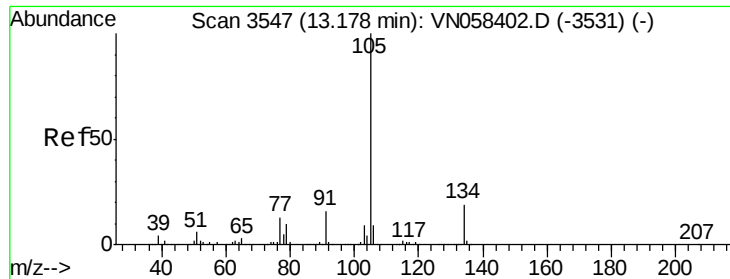
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#84
1,2,4-Trimethylbenzene
Concen: 17.810 ug/l
RT: 13.05 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	21.7	65.1





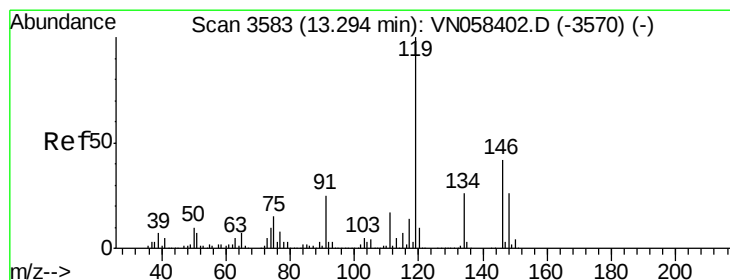
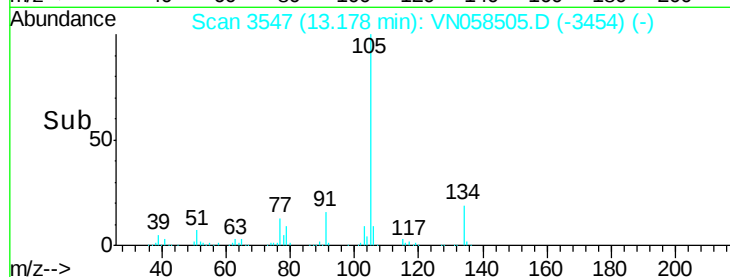
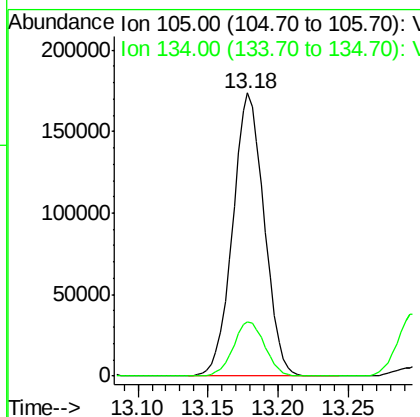
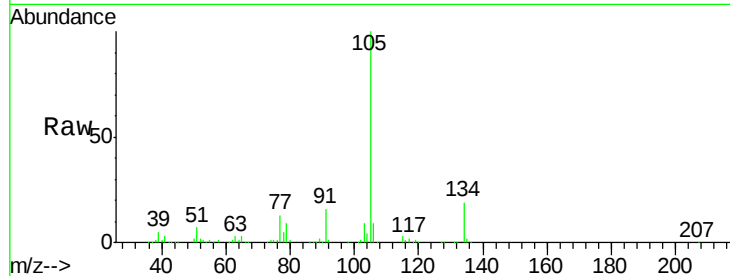
#85
 sec-Butylbenzene
 Concen: 18.812 ug/l
 RT: 13.18 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN058505.D
 Acq: 3 Oct 2019 13:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	270950		
134	19.3	9.4	28.2	

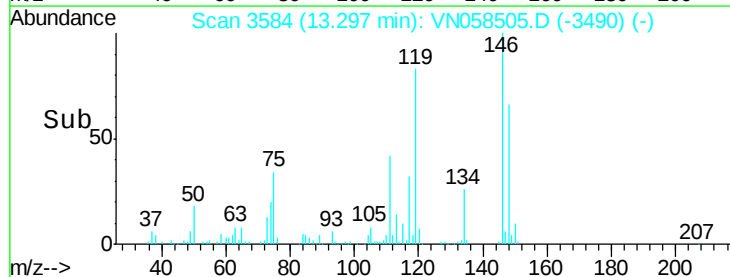
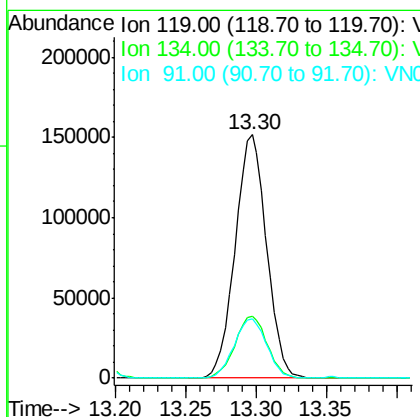
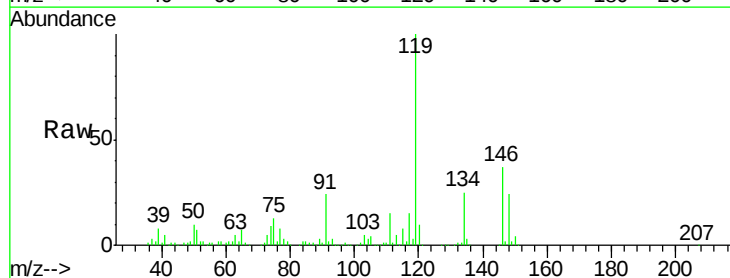
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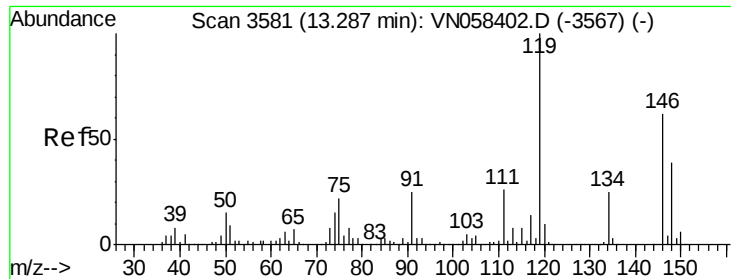
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 10/4/2019 9:30:09 AM



#86
 p-Isopropyltoluene
 Concen: 18.663 ug/l
 RT: 13.30 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN058505.D
 Acq: 3 Oct 2019 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	236616		
134	26.0	13.0	39.0	
91	25.2	12.4	37.0	





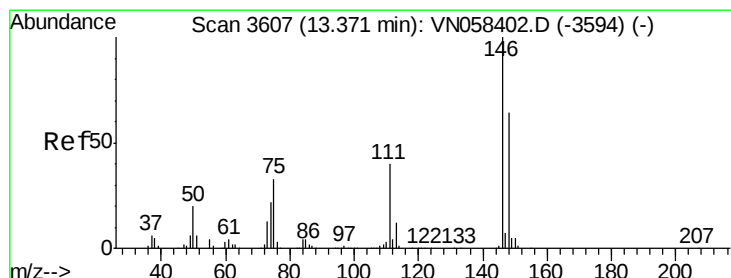
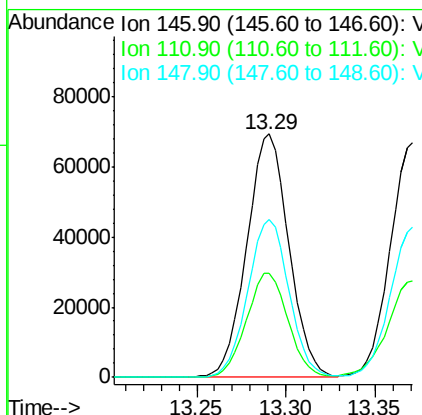
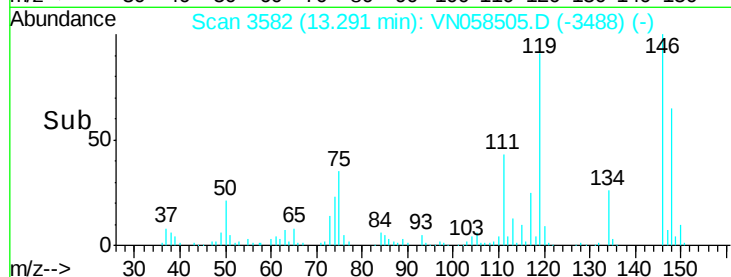
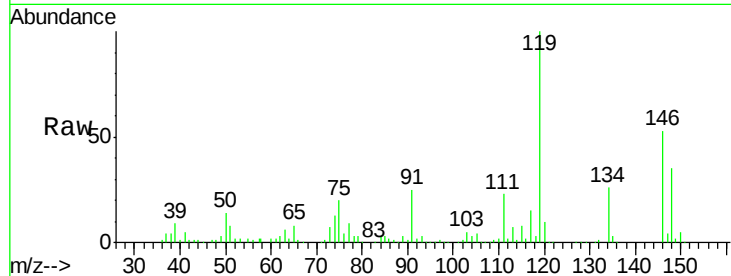
#87
 1,3-Dichlorobenzene
 Concen: 17.379 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN058505.D
 Acq: 3 Oct 2019 13:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.8	62.4
148	63.6	31.4	94.3

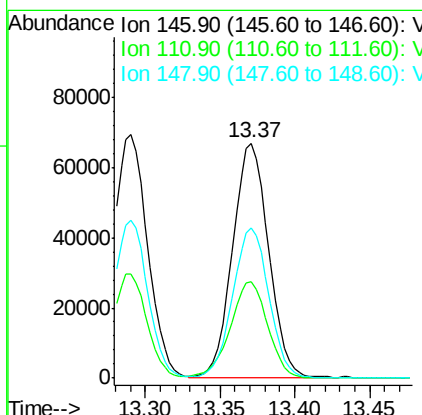
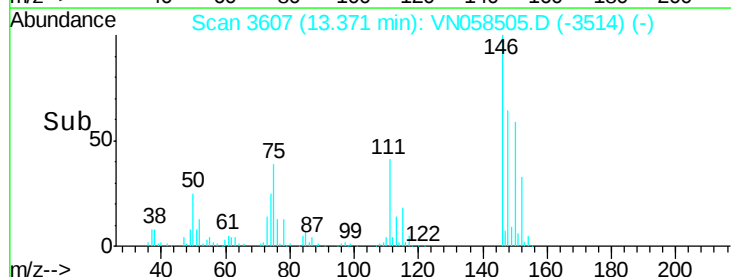
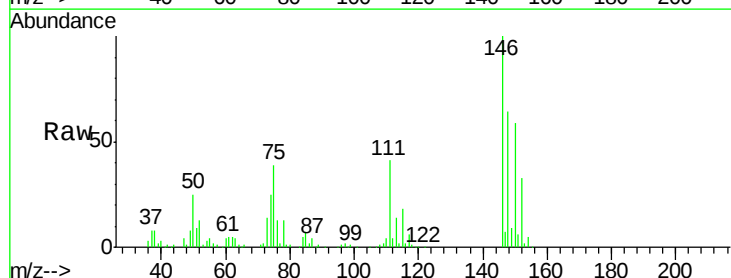
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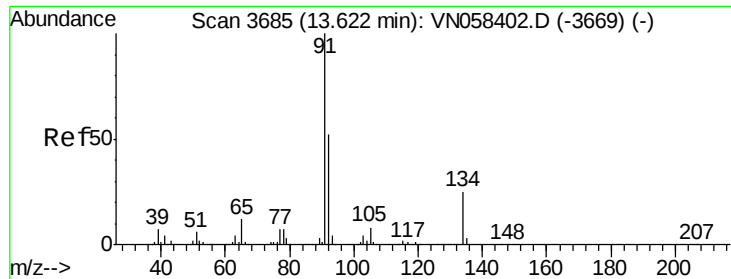
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 10/4/2019 9:30:09 AM



#88
 1,4-Dichlorobenzene
 Concen: 17.012 ug/l
 RT: 13.37 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN058505.D
 Acq: 3 Oct 2019 13:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.2	20.5	61.6
148	65.1	31.5	94.5





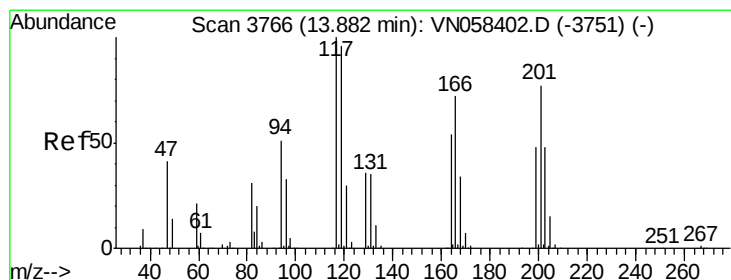
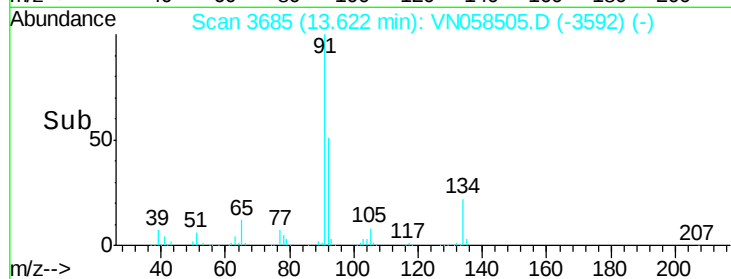
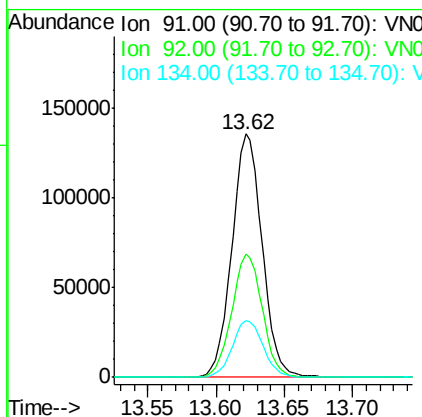
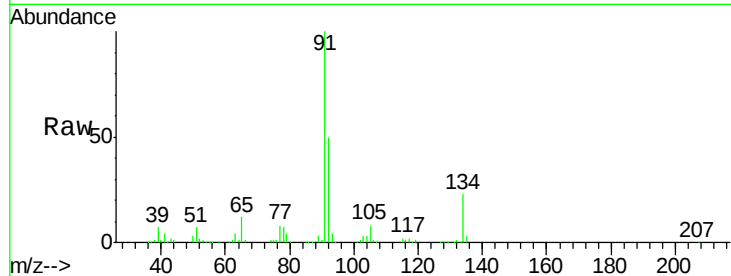
#89
n-Butylbenzene
Concen: 18.141 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.9	25.7	77.1
134	24.0	12.2	36.6

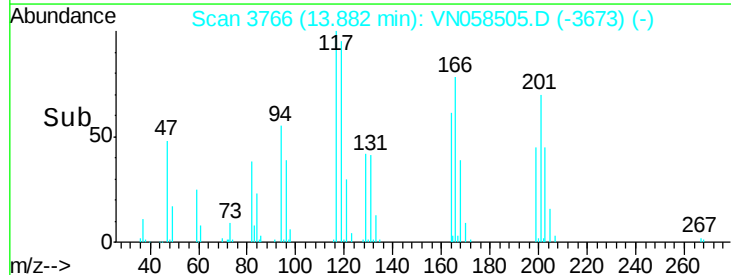
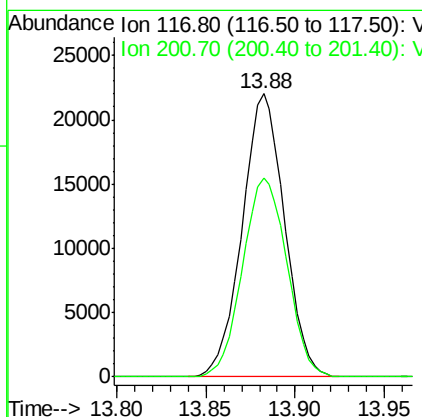
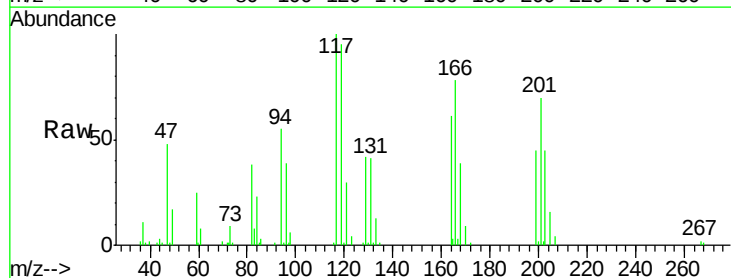
Manual Integrations
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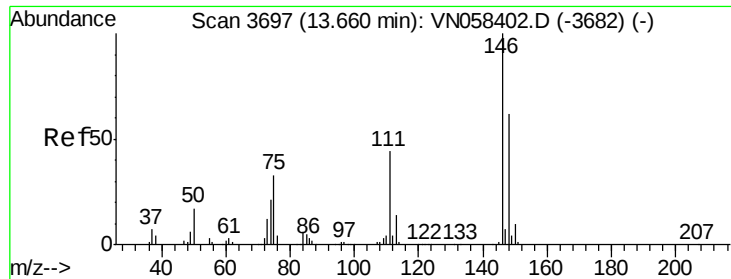
MMDadoda
10/4/2019 9:30:09 AM



#90
Hexachloroethane
Concen: 19.154 ug/l
RT: 13.88 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN058505.D
Acq: 3 Oct 2019 13:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.7	38.6	116.0





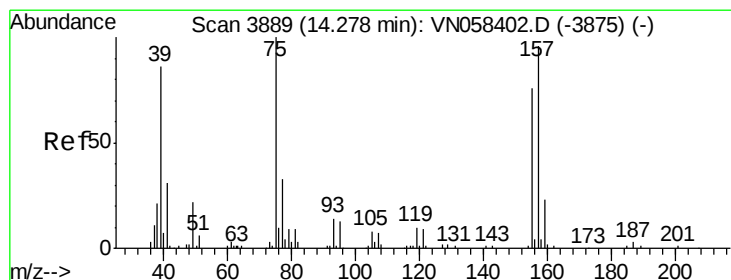
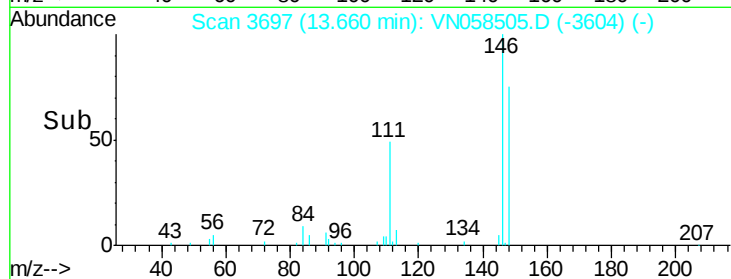
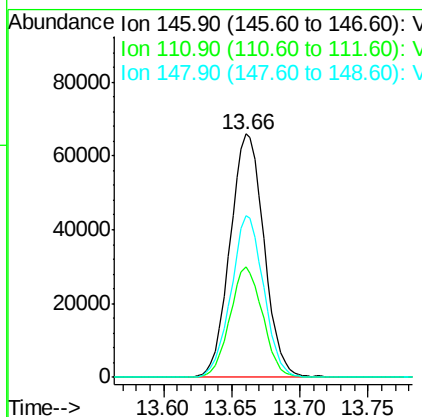
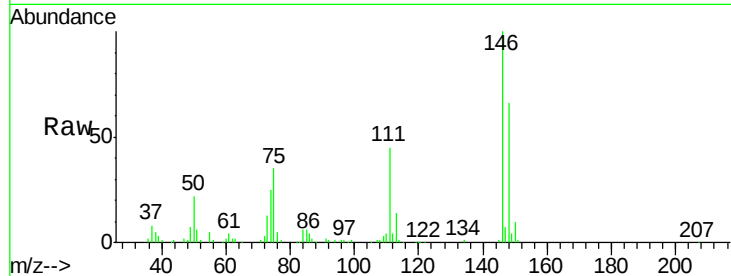
#91
 1,2-Dichlorobenzene
 Concen: 18.019 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN058505.D
 Acq: 3 Oct 2019 13:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.8	65.3
148	63.7	31.5	94.5

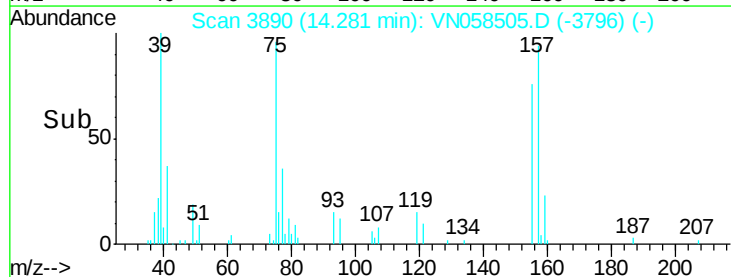
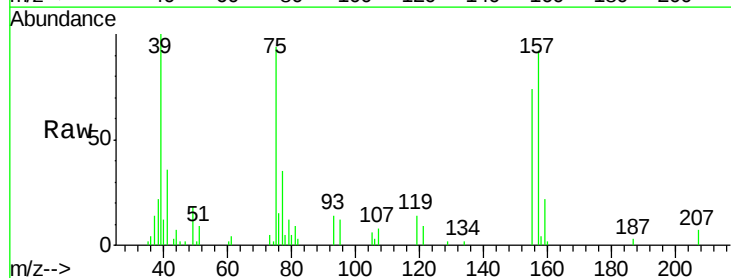
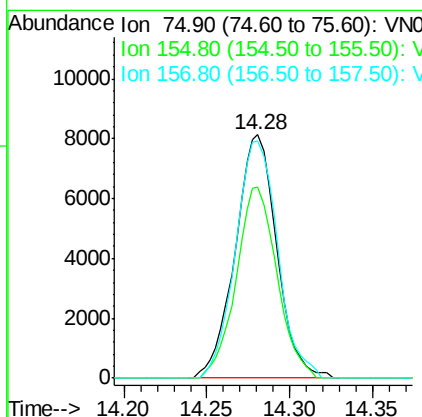
Manual Integrations
 APPROVED

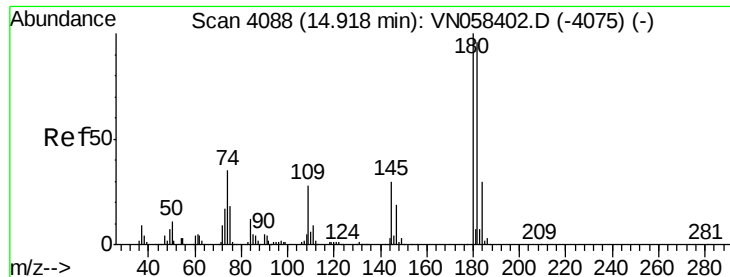
MMDadoda
 10/4/2019 9:30:09 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.581 ug/l
 RT: 14.28 min Scan# 3890
 Delta R.T. 0.00 min
 Lab File: VN058505.D
 Acq: 3 Oct 2019 13:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.9	39.2	117.6
157	98.8	48.7	146.1





#93

1,2,4-Trichlorobenzene

Concen: 17.160 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. -0.00 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Instrument :

MSVOA_N

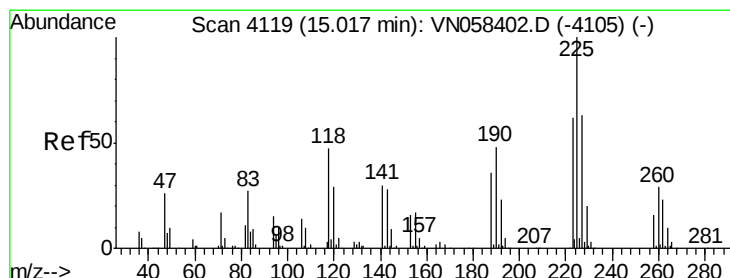
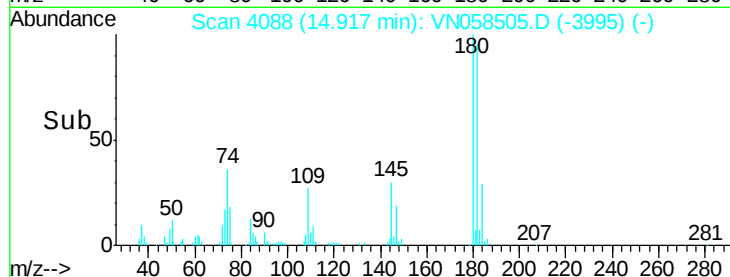
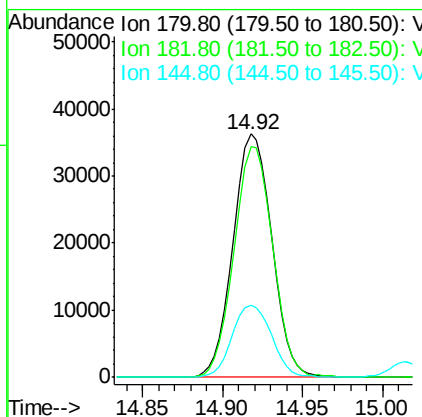
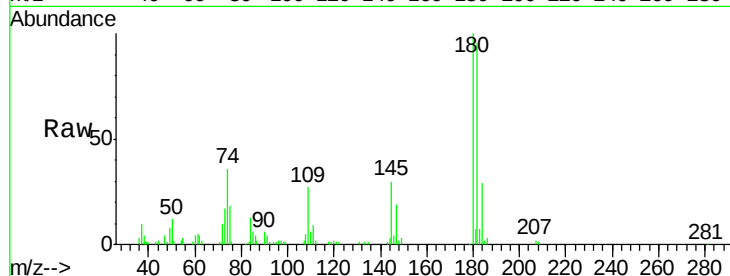
ClientSampleId :

VN1003WBS01

Tot Ion:	180	Resp:	60015
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.4	142.3
145	30.0	15.3	45.9

Manual Integrations
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10/4/2019 9:30:09 AM



#94

Hexachlorobutadiene

Concen: 19.196 ug/l

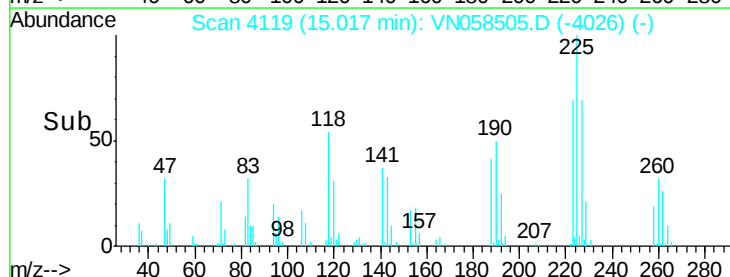
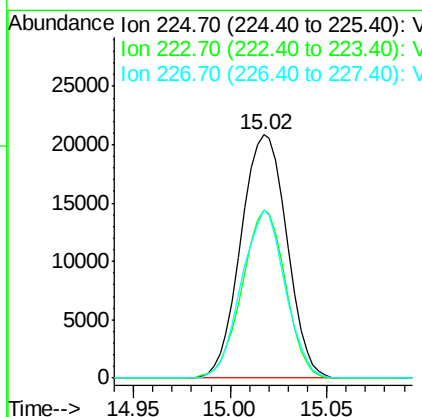
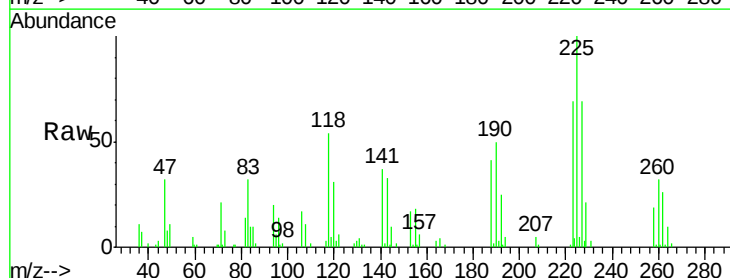
RT: 15.02 min Scan# 4119

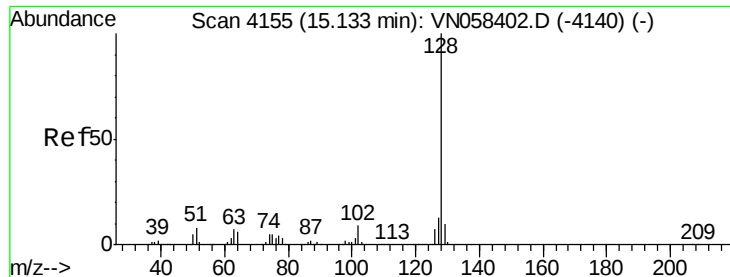
Delta R.T. -0.00 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Tgt Ion:	225	Resp:	34505
Ion Ratio	Lower	Upper	
225	100		
223	64.8	31.1	93.5
227	65.2	31.4	94.2





#95

Naphthalene

Concen: 15.132 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Instrument :

MSVOA_N

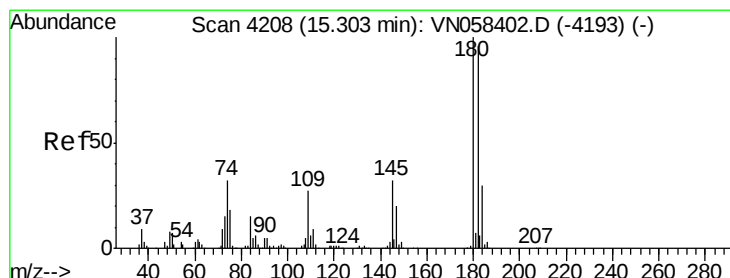
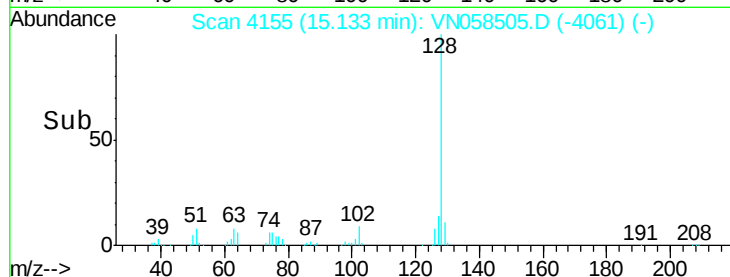
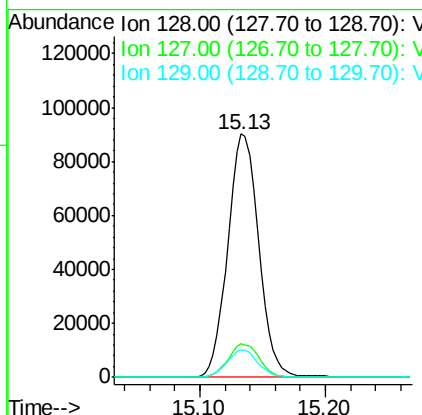
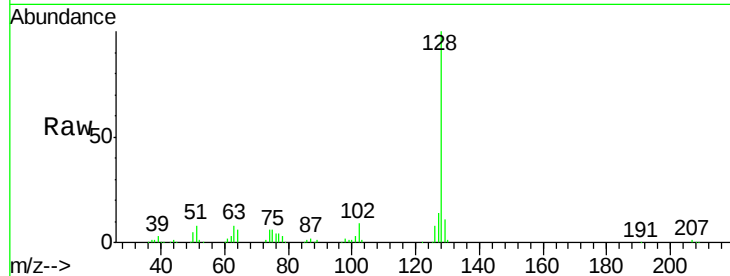
ClientSampleId :

VN1003WBS01

Tot Ion:	128	Resp:	155193
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.2	15.4
129	11.3	8.3	12.5

Manual Integrations
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MMDadoda
10/4/2019 9:30:09 AM



#96

1,2,3-Trichlorobenzene

Concen: 16.728 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. 0.00 min

Lab File: VN058505.D

Acq: 3 Oct 2019 13:31

Tgt Ion:	180	Resp:	58713
Ion Ratio	Lower	Upper	
180	100		
182	94.0	48.3	144.9
145	31.4	16.1	48.3

