

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111219\
 Data File : VN059201.D
 Acq On : 12 Nov 2019 19:10
 Operator : JC/SP
 Sample : K5769-11MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-305-SRI4MS

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 12:07:26 PM

Quant Time: Nov 13 07:31:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	411041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	644865	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	592565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	288433	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	253588	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
35) Dibromofluoromethane	7.57	113	199090	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
50) Toluene-d8	10.08	98	758061	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.40	95	277322	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	192536	46.490	ug/l	97
3) Chloromethane	2.04	50	257861	45.805	ug/l	98
4) Vinyl Chloride	2.17	62	265275	48.603	ug/l	100
5) Bromomethane	2.53	94	152693	48.615	ug/l	99
6) Chloroethane	2.68	64	161982	50.170	ug/l	100
7) Trichlorofluoromethane	3.00	101	330362	50.604	ug/l	99
8) Diethyl Ether	3.38	74	130354	49.141	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	195782	49.739	ug/l	99
10) Methyl Iodide	3.93	142	247470	50.792	ug/l	99
11) Tert butyl alcohol	4.75	59	243900	253.285	ug/l	100
12) 1,1-Dichloroethene	3.71	96	186852	48.731	ug/l	97
13) Acrolein	3.58	56	149740	301.607	ug/l	99
14) Allyl chloride	4.29	41	381180m	48.396	ug/l	
15) Acrylonitrile	4.95	53	643986	268.726	ug/l	100
16) Acetone	3.79	43	542586	206.500	ug/l	100
17) Carbon Disulfide	4.03	76	520696	43.746	ug/l	100
18) Methyl Acetate	4.29	43	320705	51.422	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	692683	52.471	ug/l	100
20) Methylene Chloride	4.52	84	228884	50.001	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	203189	49.368	ug/l	99
22) Diisopropyl ether	5.92	45	776190	52.173	ug/l	98
23) Vinyl Acetate	5.86	43	3117411	270.372	ug/l	99
24) 1,1-Dichloroethane	5.82	63	421691	50.749	ug/l	99
25) 2-Butanone	6.81	43	859682	248.253	ug/l	99
26) 2,2-Dichloropropane	6.80	77	326856	44.986	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	243499	50.994	ug/l	99
28) Bromochloromethane	7.17	49	126142	50.459	ug/l	100
29) Tetrahydrofuran	7.18	42	582186	264.589	ug/l	99
30) Chloroform	7.35	83	409157	51.331	ug/l	99
31) Cyclohexane	7.63	56	366977	46.652	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	350258	52.265	ug/l	99
36) 1,1-Dichloropropene	7.77	75	306281	50.813	ug/l	99
37) Ethyl Acetate	6.90	43	347962	51.892	ug/l	99
38) Carbon Tetrachloride	7.75	117	306626	51.110	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	350653	50.125	ug/l	99
40) Benzene	8.02	78	928226	51.138	ug/l	99
41) Methacrylonitrile	7.15	41	160962	55.202	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	325064	52.216	ug/l	99
43) Isopropyl Acetate	8.14	43	542370	50.735	ug/l	99
44) Trichloroethene	8.82	130	232078	52.013	ug/l	99
45) 1,2-Dichloropropane	9.10	63	255890	51.903	ug/l	99
46) Dibromomethane	9.19	93	156943	51.084	ug/l	99
47) Bromodichloromethane	9.39	83	323665	52.759	ug/l	97
48) Methyl methacrylate	9.18	41	253501	53.014	ug/l	98
49) 1,4-Dioxane	9.18	88	88088	1036.590	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	1757798	290.601	ug/l	99
52) Toluene	10.14	92	566856	52.104	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	362713	51.175	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	386092	50.641	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	231305	52.534	ug/l	99
56) Ethyl methacrylate	10.42	69	357518	48.733	ug/l	99
57) 1,3-Dichloropropane	10.70	76	400639	52.869	ug/l	100
59) 2-Hexanone	10.74	43	1309774	282.110	ug/l	100
60) Dibromochloromethane	10.89	129	251095	53.939	ug/l	100
61) 1,2-Dibromoethane	11.00	107	234210	52.547	ug/l	99
64) Tetrachloroethene	10.62	164	404595	100.412	ug/l	99
65) Chlorobenzene	11.43	112	600759	52.007	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	228393	52.708	ug/l	98
67) Ethyl Benzene	11.51	91	1091337	53.249	ug/l	98
68) m/p-Xylenes	11.62	106	809771	105.479	ug/l	99
69) o-Xylene	11.94	106	391242	52.734	ug/l	98
70) Stvrene	11.96	104	640024	54.851	ug/l	99
71) Bromoform	12.12	173	183450	54.428	ug/l #	99
73) Isopropylbenzene	12.25	105	1056631	50.362	ug/l	100
74) N-amyl acetate	12.07	43	451427	50.777	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	363612	50.891	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	328071m	49.960	ug/l	
77) Bromobenzene	12.53	156	257160	48.785	ug/l	100
78) n-propylbenzene	12.59	91	1237479	51.513	ug/l	100
79) 2-Chlorotoluene	12.67	91	738271	49.540	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	904333	50.868	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	119593	48.103	ug/l	98
82) 4-Chlorotoluene	12.77	91	749136	50.119	ug/l	99
83) tert-Butylbenzene	12.99	119	758517	49.406	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	900880	52.376	ug/l	100
85) sec-Butylbenzene	13.17	105	1024240	51.297	ug/l	100
86) p-Isopropyltoluene	13.29	119	928778	52.681	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	458167	50.758	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	449250	49.744	ug/l	99
89) n-Butylbenzene	13.62	91	790154	51.207	ug/l	99
90) Hexachloroethane	13.88	117	171043	48.315	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	448392	50.497	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	70408	49.393	ug/l	99
93) 1,2,4-Trichlorobenzene	14.91	180	241664	45.171	ug/l	98

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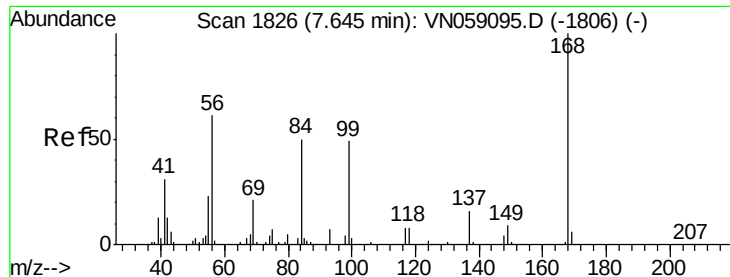
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	142399	46.510	ug/l	99
95) Naphthalene	15.13	128	659423	44.477	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	238395	47.907	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

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Acq: 12 Nov 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

MW-305-SRI4MS

Tot Ion:168 Resp: 411041

Ion Ratio Lower Upper

168 100

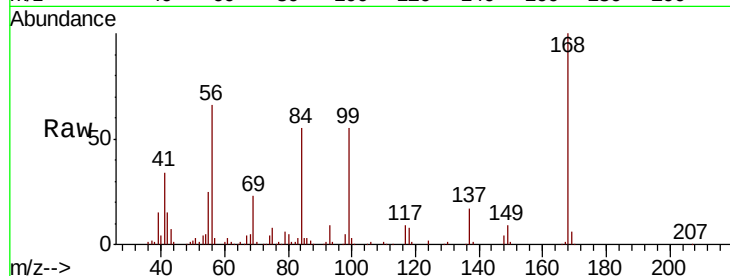
99 55.4 45.7 68.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

200000

150000

100000

50000

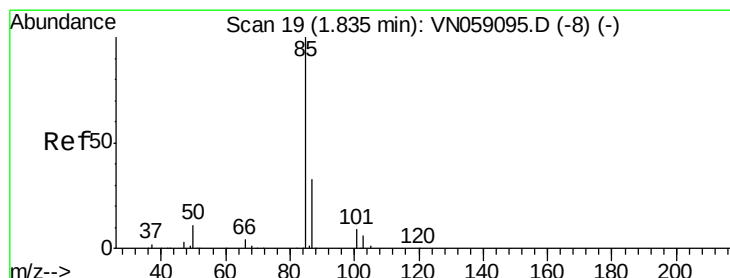
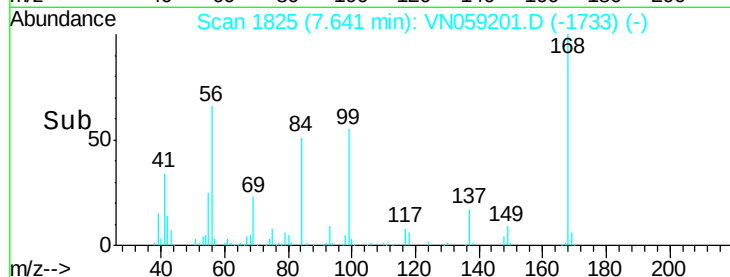
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 46.490 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059201.D

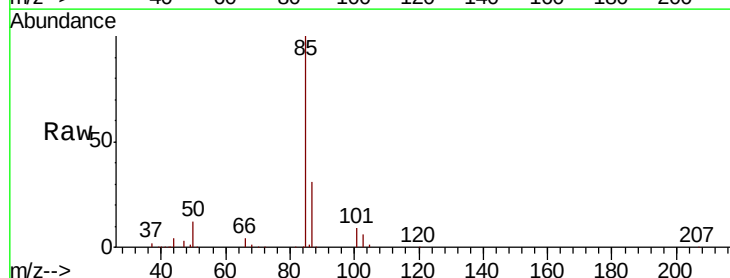
Acq: 12 Nov 2019 19:10

Tgt Ion: 85 Resp: 192536

Ion Ratio Lower Upper

85 100

87 30.7 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

150000

100000

50000

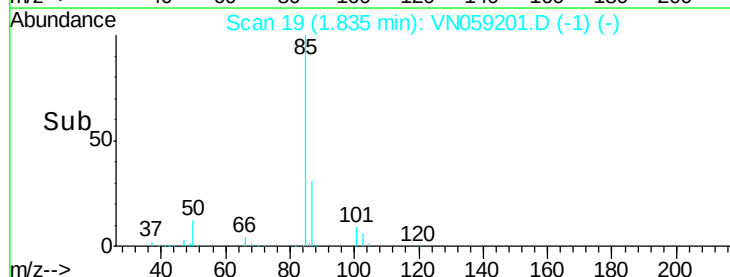
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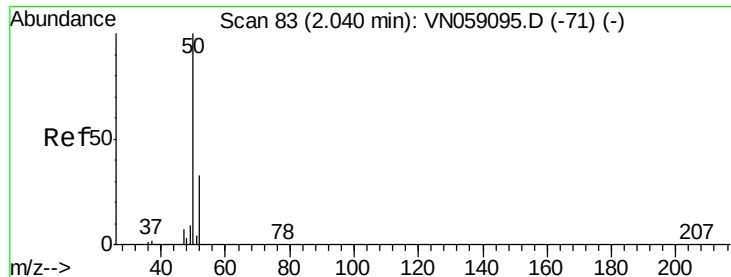
1.80

1.90

2.00

Time-->





#3

Chloromethane

Concen: 45.805 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

MW-305-SRI4MS

Tot Ion: 50 Resp: 257861

Ion Ratio Lower Upper

50 100

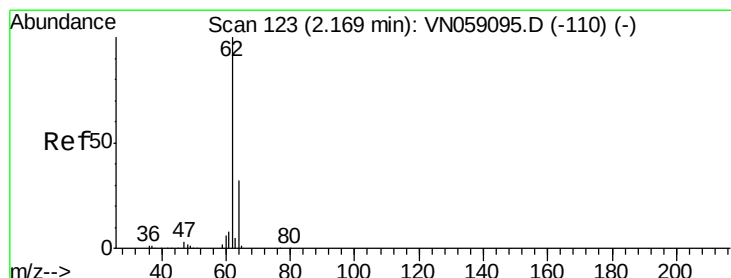
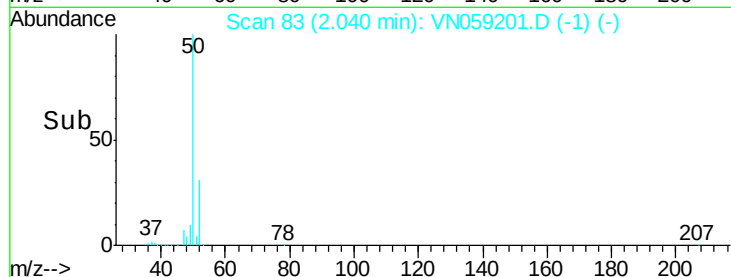
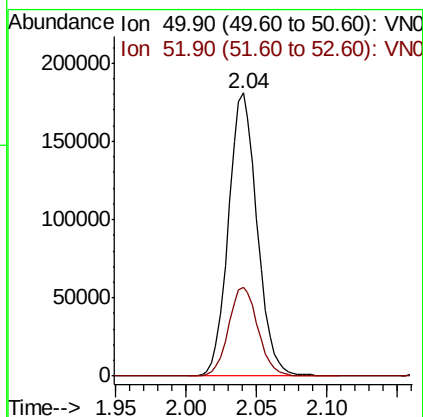
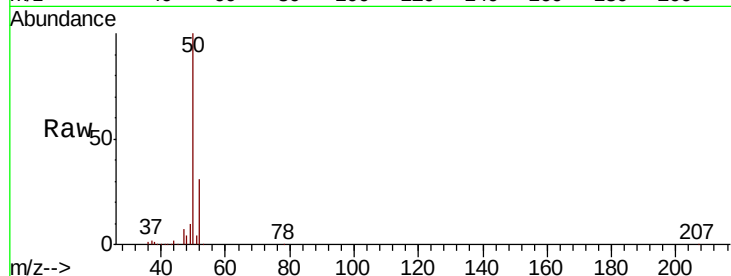
52 31.4 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.603 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059201.D

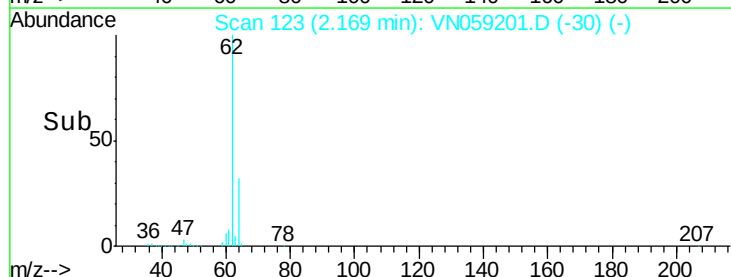
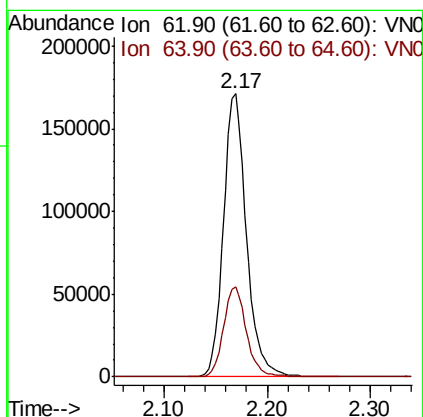
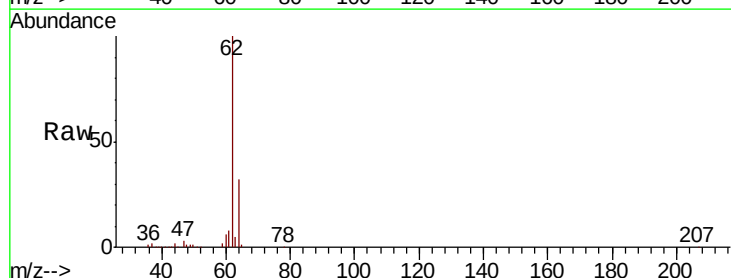
Acq: 12 Nov 2019 19:10

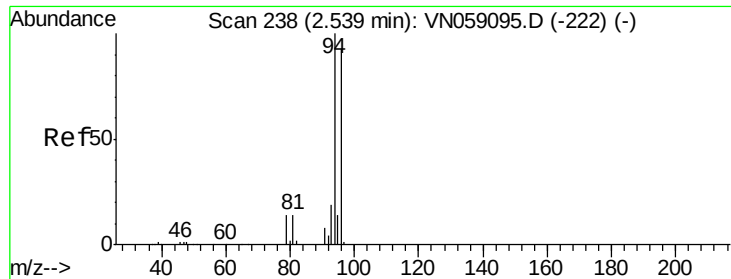
Tgt Ion: 62 Resp: 265275

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.2





#5

Bromomethane

Concen: 48.615 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.01 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Instrument :

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ClientSampleId :

MW-305-SRI4MS

Tot Ion: 94 Resp: 152693

Ion Ratio Lower Upper

94 100

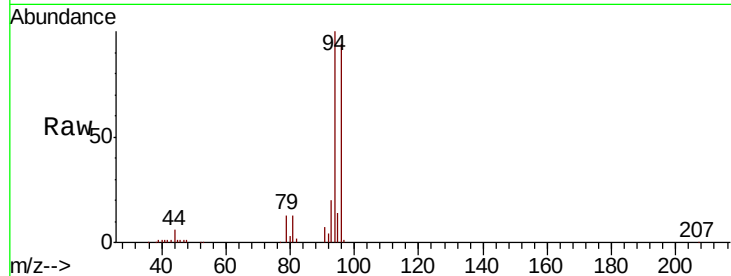
96 93.5 74.2 111.2

Manual Integrations

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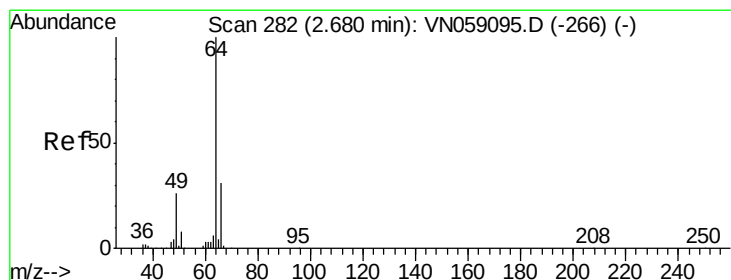
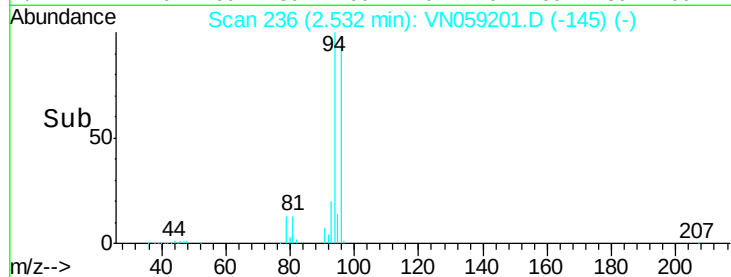
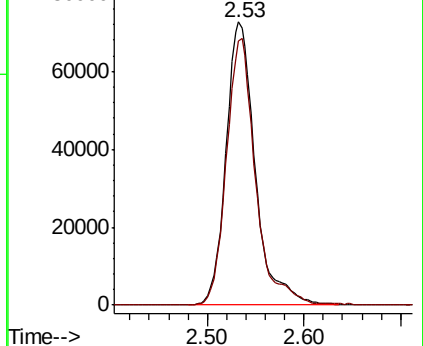
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 50.170 ug/l

RT: 2.68 min Scan# 281

Delta R.T. -0.00 min

Lab File: VN059201.D

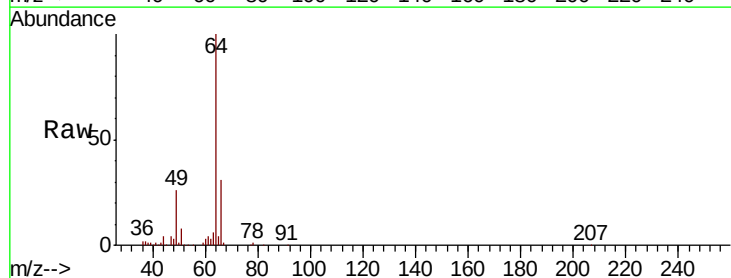
Acq: 12 Nov 2019 19:10

Tgt Ion: 64 Resp: 161982

Ion Ratio Lower Upper

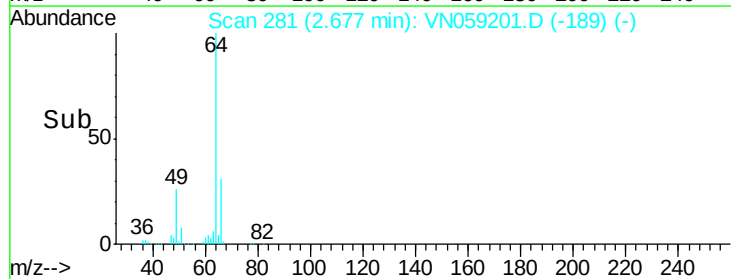
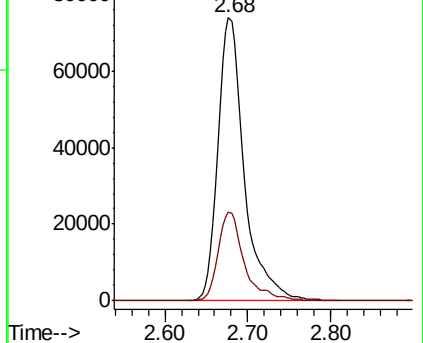
64 100

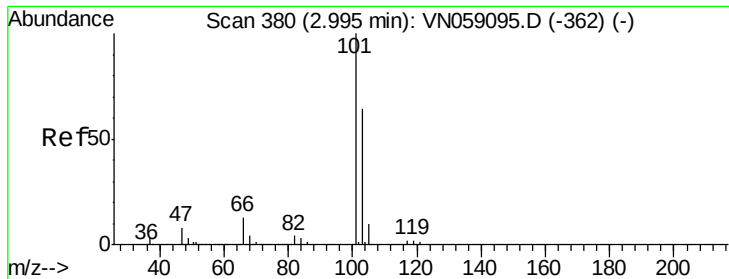
66 31.3 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

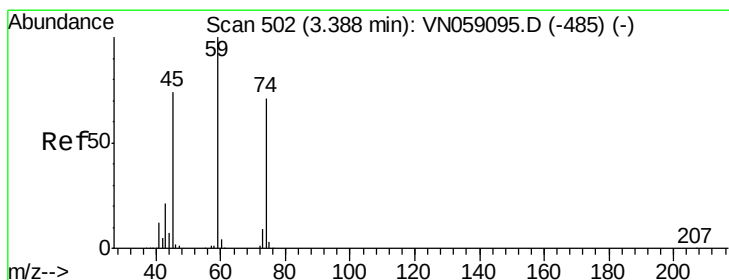
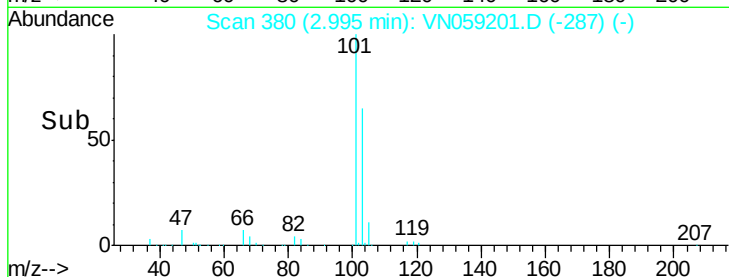
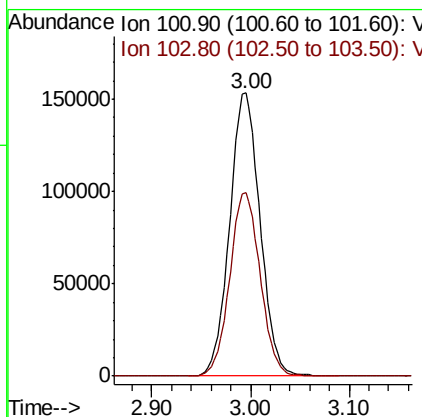
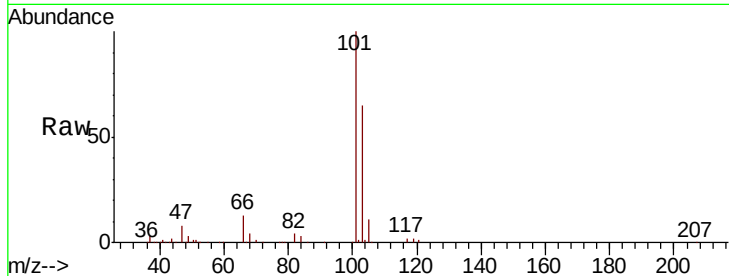
Trichlorofluoromethane
Concen: 50.604 ug/l
RT: 3.00 min Scan# 380
Delta R.T. 0.00 min
Lab File: VN059201.D
Acq: 12 Nov 2019 19:10

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.2	76.8

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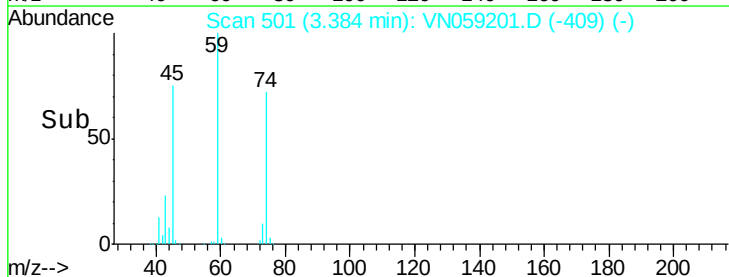
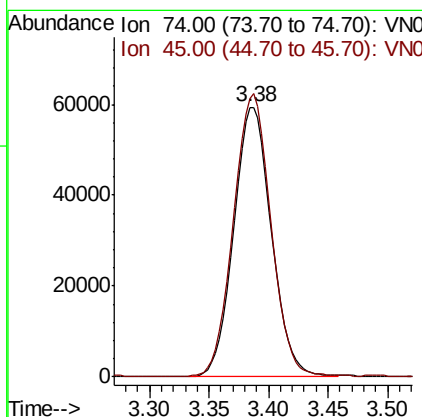
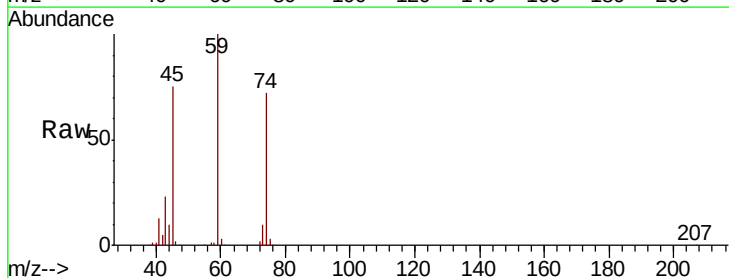
MMDadoda
11/13/2019 12:07:26 PM

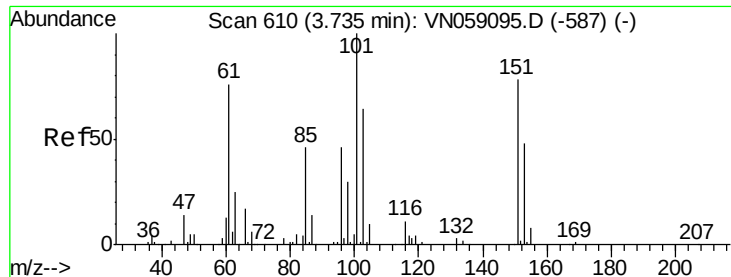


#8

Diethyl Ether
Concen: 49.141 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059201.D
Acq: 12 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.7	51.6	154.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.739 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Instrument :

MSVOA_N

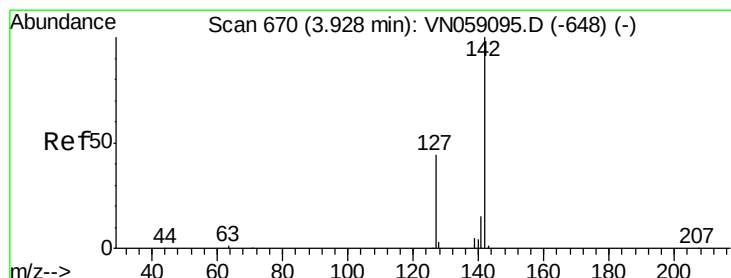
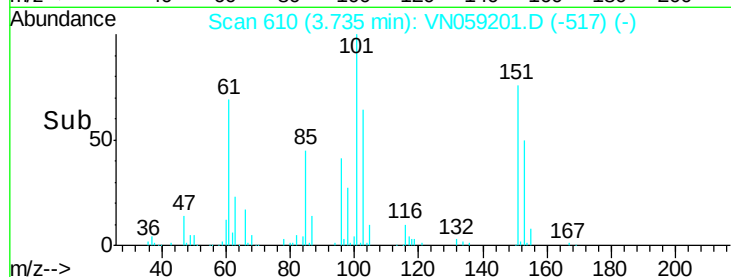
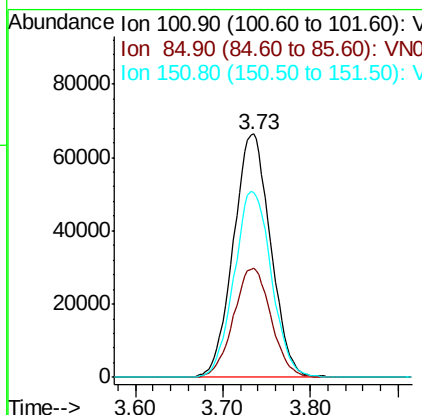
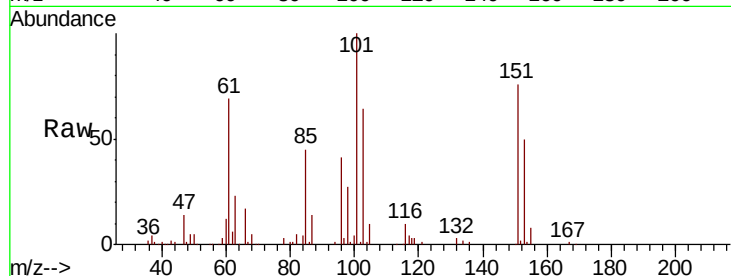
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	195782		
85	45.2	35.5	53.3	
151	76.9	62.2	93.2	

Manual Integrations
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#10

Methyl Iodide

Concen: 50.792 ug/l

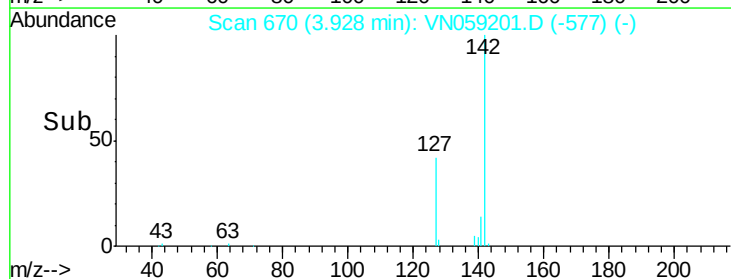
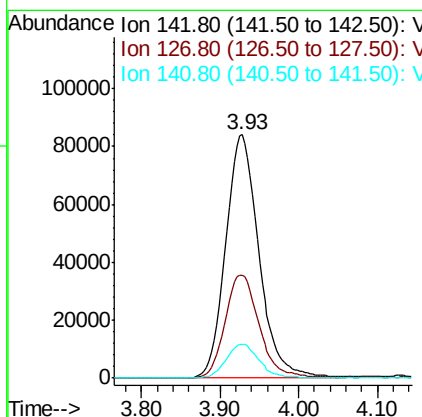
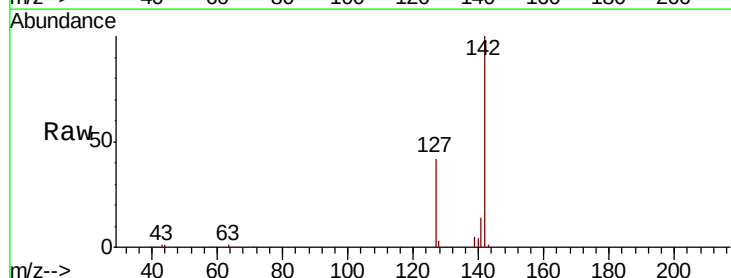
RT: 3.93 min Scan# 670

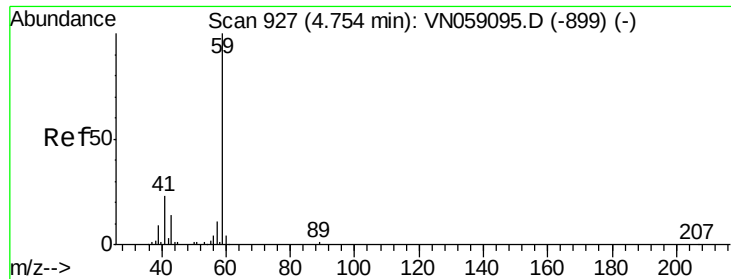
Delta R.T. 0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	247470		
127	43.2	34.2	51.2	
141	14.0	11.4	17.0	





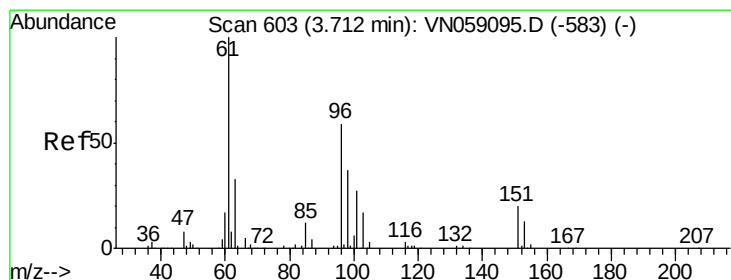
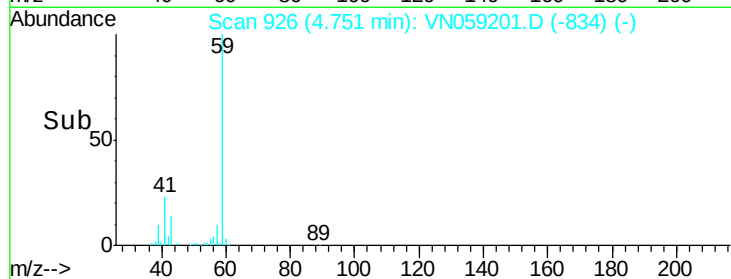
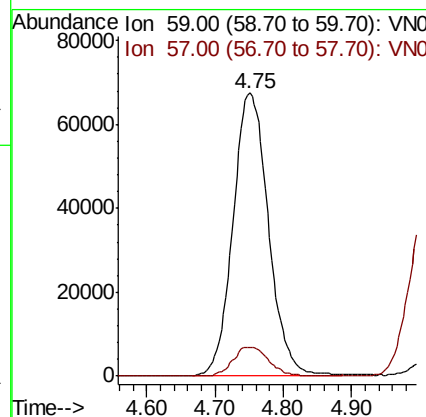
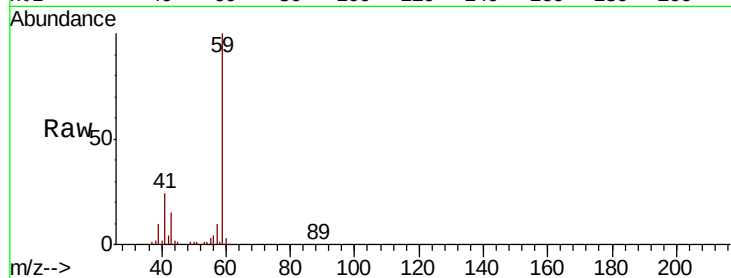
#11
Tert butyl alcohol
Concen: 253.285 ug/l
RT: 4.75 min Scan# 926
Delta R.T. -0.00 min
Lab File: VN059201.D
Acq: 12 Nov 2019 19:10

Instrument :
MSVOA_N
ClientSampleId :
MW-305-SRI4MS

Tot Ion	59	Resp	243900
Ion Ratio	100	Lower	Upper
57	10.4	8.3	12.5

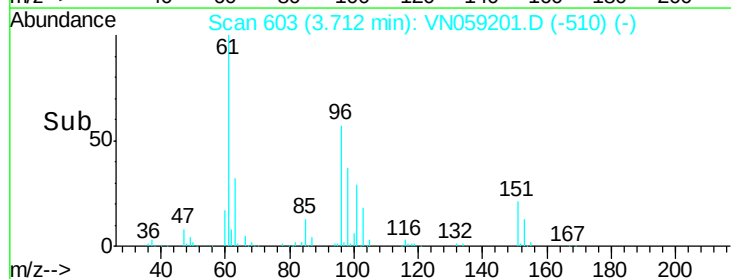
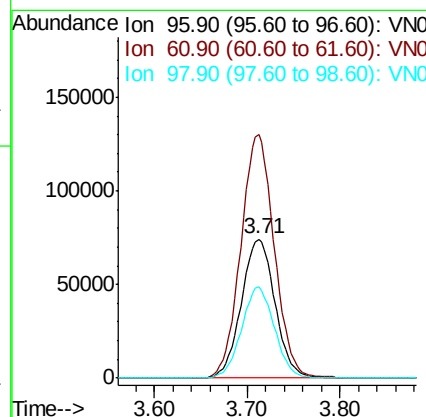
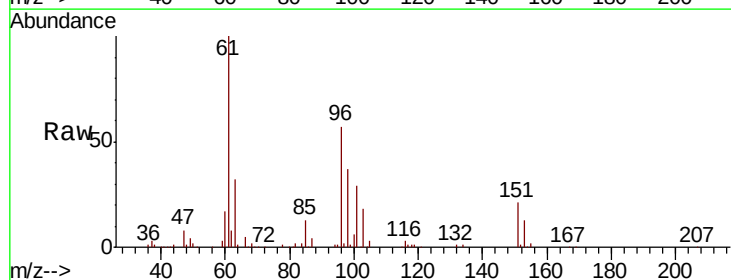
Manual Integrations
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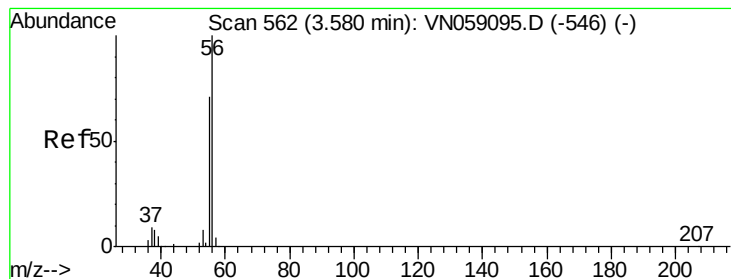
MMDadoda
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#12
1,1-Dichloroethene
Concen: 48.731 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN059201.D
Acq: 12 Nov 2019 19:10

Tgt Ion	96	Resp	186852
Ion Ratio	100	Lower	Upper
61	175.5	136.5	204.7
98	65.4	50.2	75.4





#13

Acrolein

Concen: 301.607 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

MW-305-SRI4MS

Tot Ion: 56 Resp: 149740

Ion Ratio Lower Upper

56 100

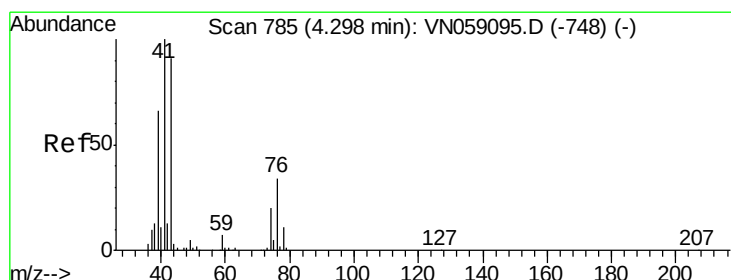
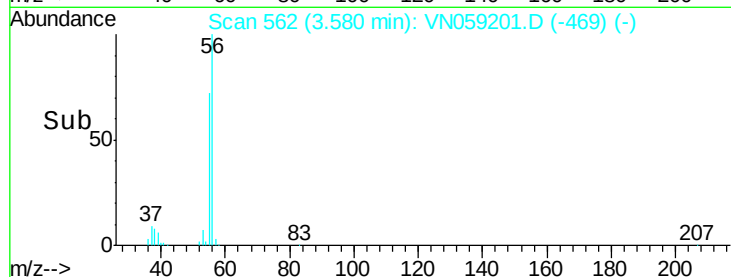
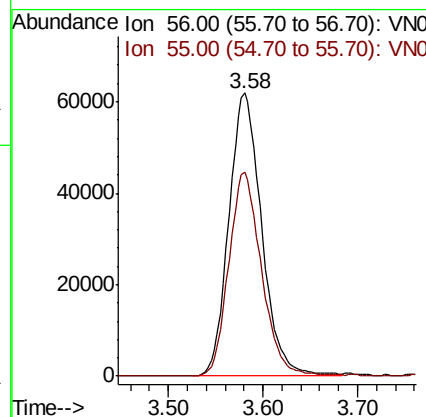
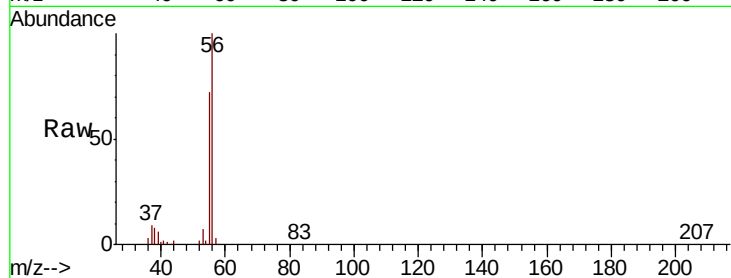
55 71.7 56.4 84.6

Manual Integrations

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#14

Allyl chloride

Concen: 48.396 ug/l m

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

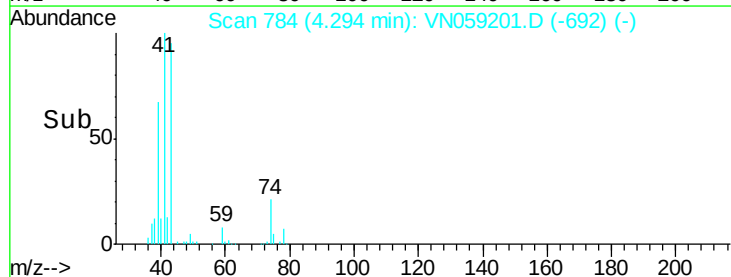
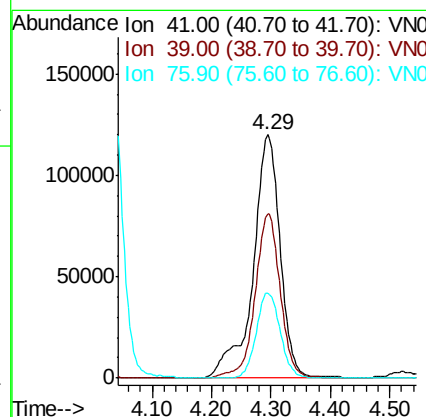
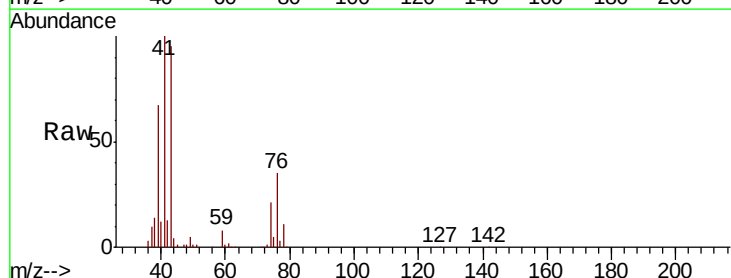
Tgt Ion: 41 Resp: 381180

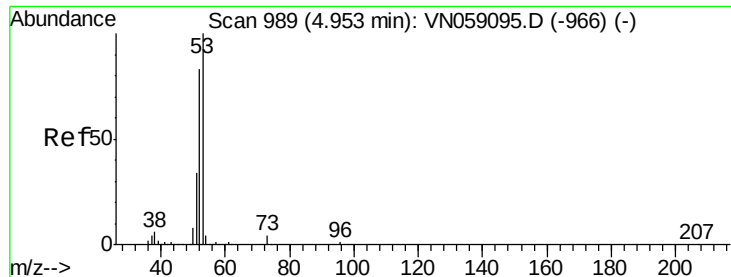
Ion Ratio Lower Upper

41 100

39 62.2 49.1 73.7

76 30.9 24.9 37.3





#15

Acrylonitrile

Concen: 268.726 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Instrument :

MSVOA_N

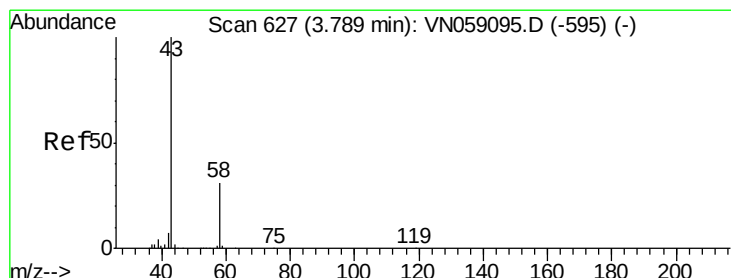
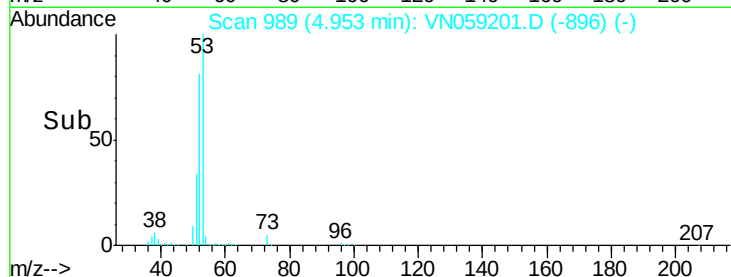
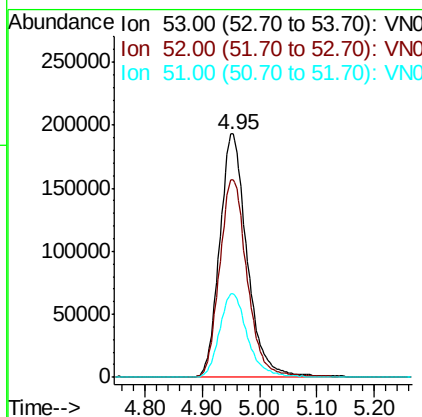
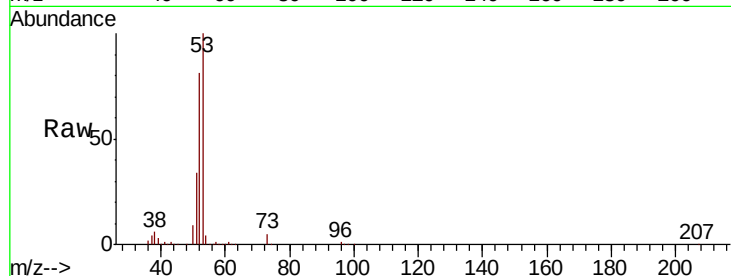
ClientSampleId :

MW-305-SRI4MS

Tot Ion:	53	Resp:	643986
Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.0	97.6
51	35.3	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 206.500 ug/l

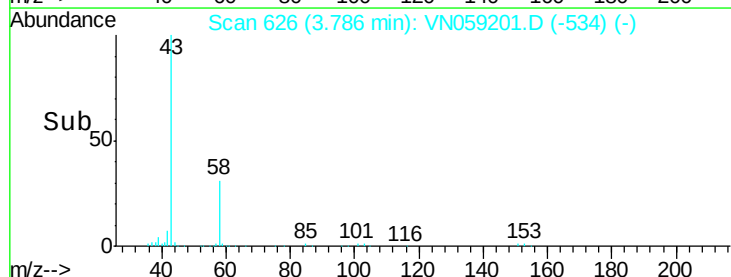
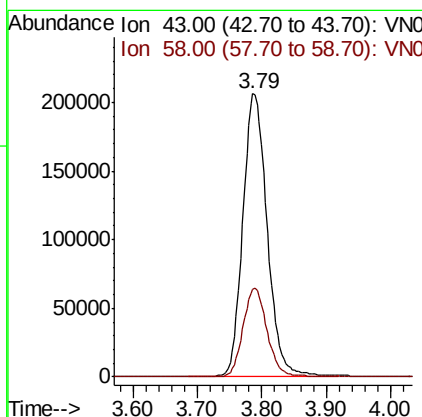
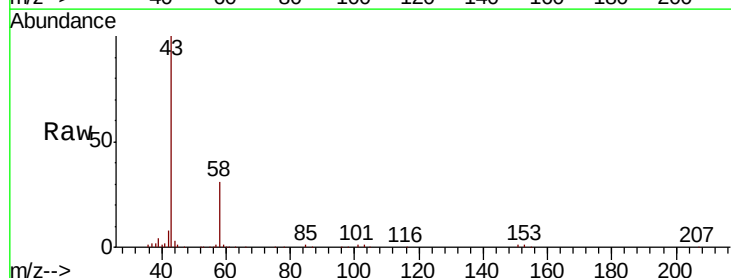
RT: 3.79 min Scan# 626

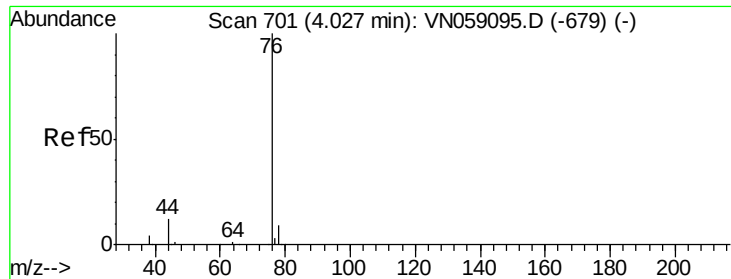
Delta R.T. -0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Tgt Ion:	43	Resp:	542586
Ion	Ratio	Lower	Upper
43	100		
58	31.0	24.9	37.3





#17

Carbon Disulfide

Concen: 43.746 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

MW-305-SRI4MS

Tot Ion: 76 Resp: 520696

Ion Ratio Lower Upper

76 100

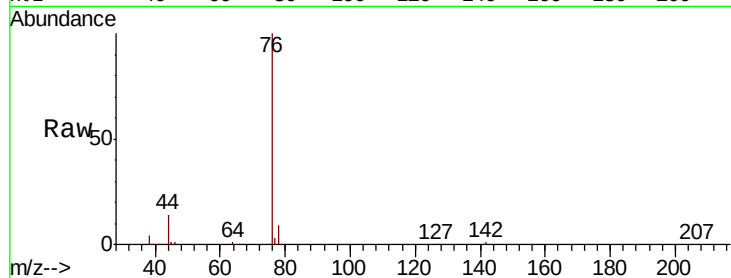
78 9.3 7.4 11.0

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Abundance Ion 75.90 (75.60 to 76.60): VN059201.D (-608) (-)

Ion 77.90 (77.60 to 78.60): VN059201.D (-608) (-)

4.03

200000

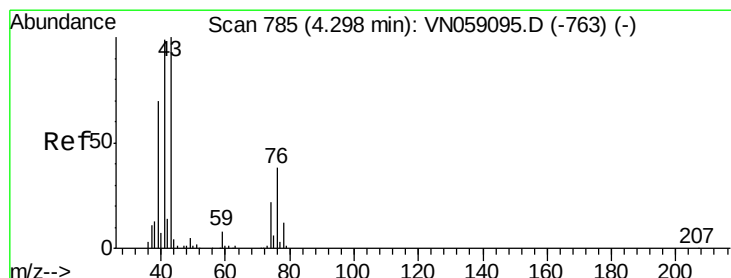
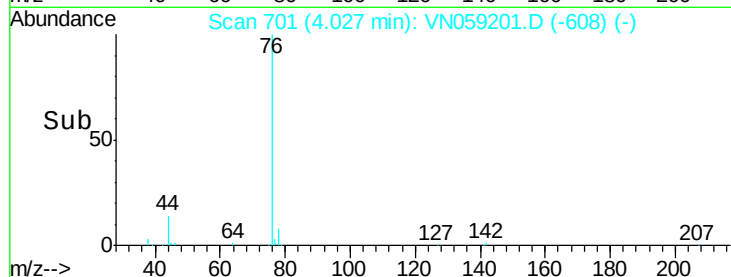
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 51.422 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059201.D

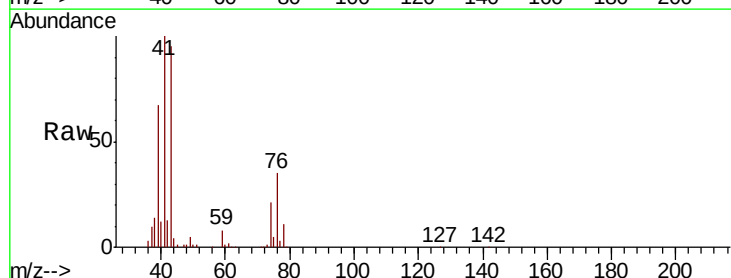
Acq: 12 Nov 2019 19:10

Tgt Ion: 43 Resp: 320705

Ion Ratio Lower Upper

43 100

74 21.7 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VN059201.D (-692) (-)

Ion 74.00 (73.70 to 74.70): VN059201.D (-692) (-)

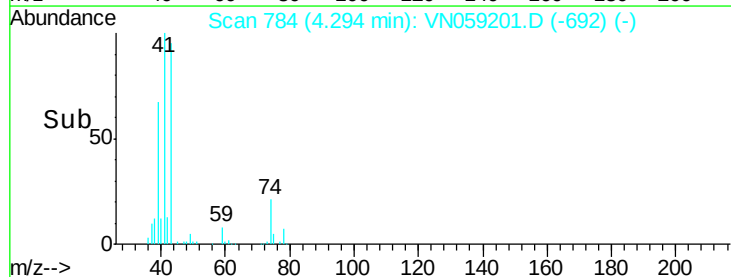
4.29

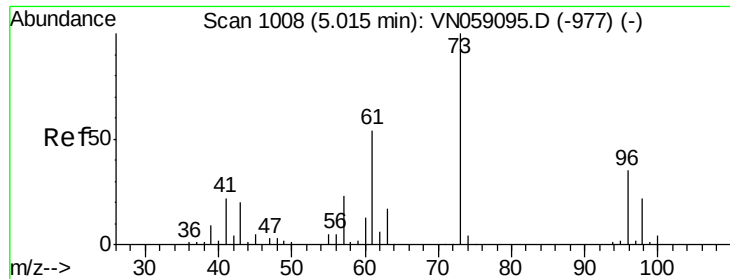
100000

50000

0

Time-->





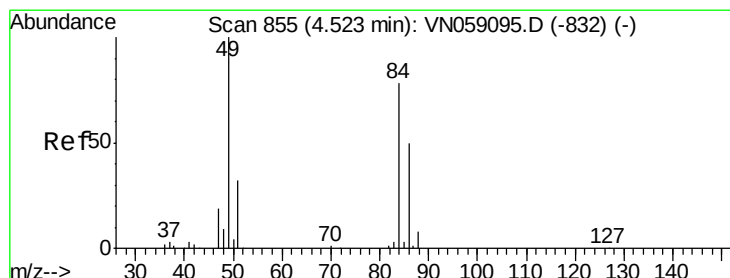
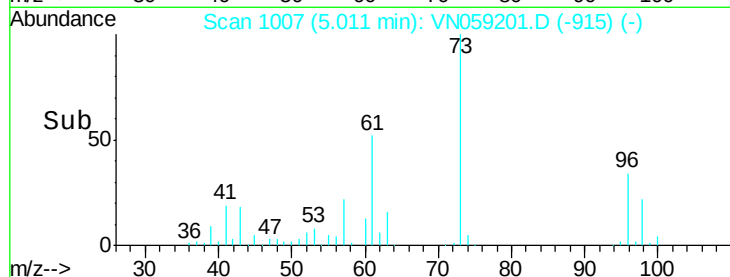
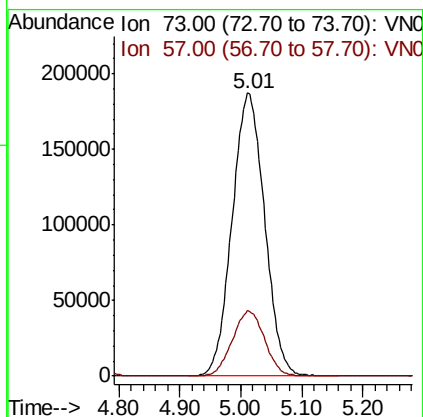
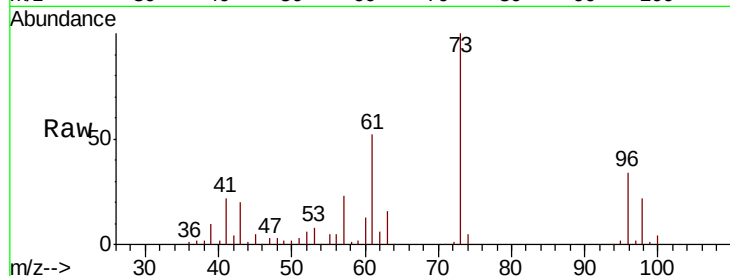
#19
Methyl tert-butyl Ether
Concen: 52.471 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059201.D
Acq: 12 Nov 2019 19:10

Instrument :
MSVOA_N
ClientSampleId :
MW-305-SRI4MS

Tot Ion: 73 Resp: 692683
Ion Ratio Lower Upper
73 100
57 23.0 18.4 27.6

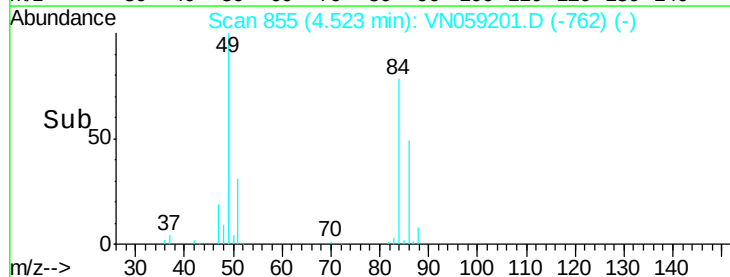
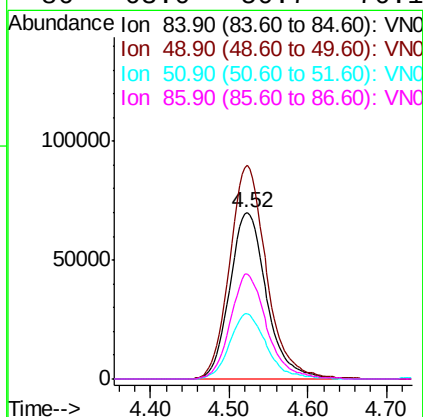
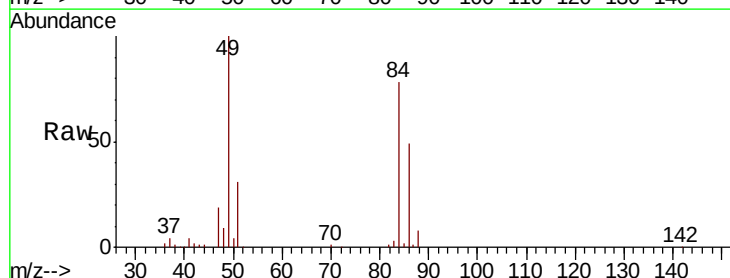
Manual Integrations
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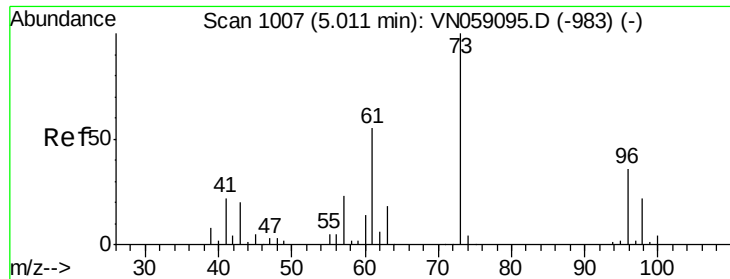
MMDadoda
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#20
Methylene Chloride
Concen: 50.001 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059201.D
Acq: 12 Nov 2019 19:10

Tgt Ion: 84 Resp: 228884
Ion Ratio Lower Upper
84 100
49 128.6 102.0 153.0
51 39.5 32.2 48.2
86 63.0 50.7 76.1





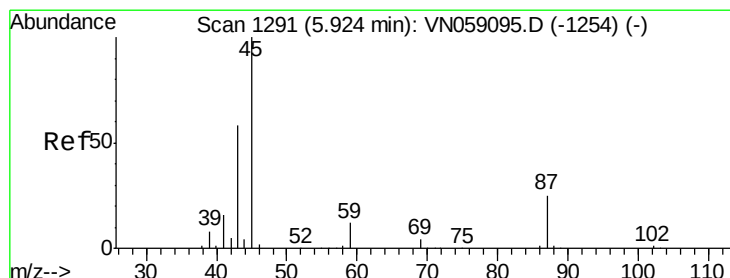
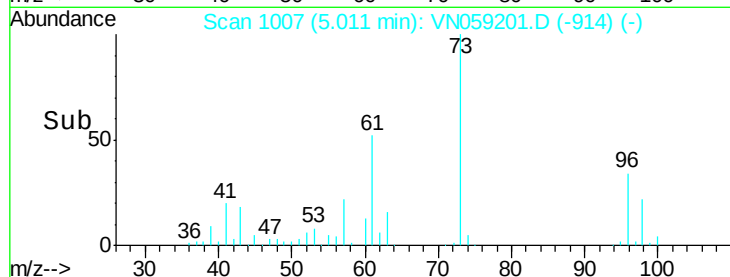
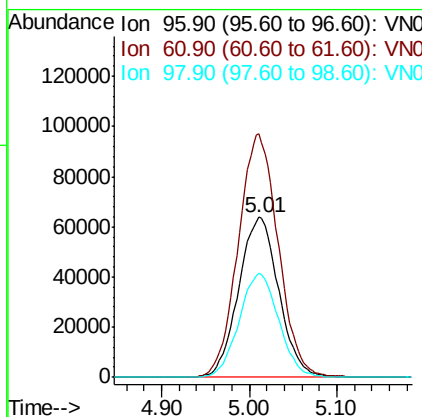
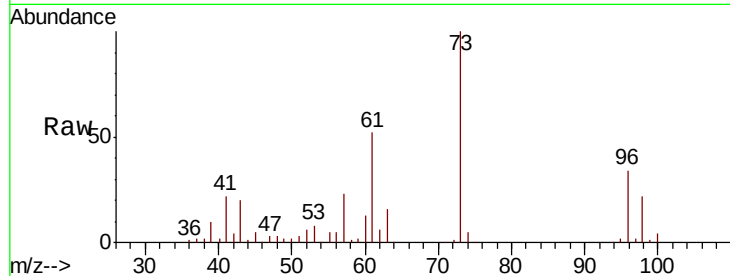
#21
trans-1,2-Dichloroethene
Concen: 49.368 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059201.D
Acq: 12 Nov 2019 19:10

Instrument :
MSVOA_N
ClientSampleId :
MW-305-SRI4MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.4	122.6	183.8
98	64.9	50.3	75.5

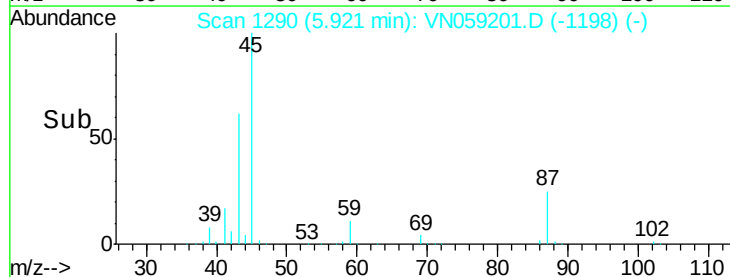
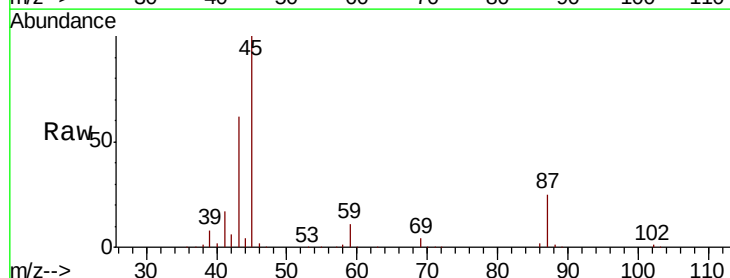
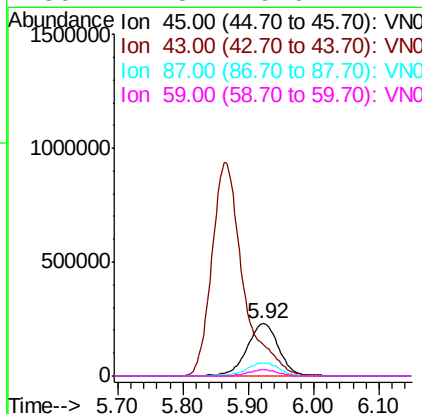
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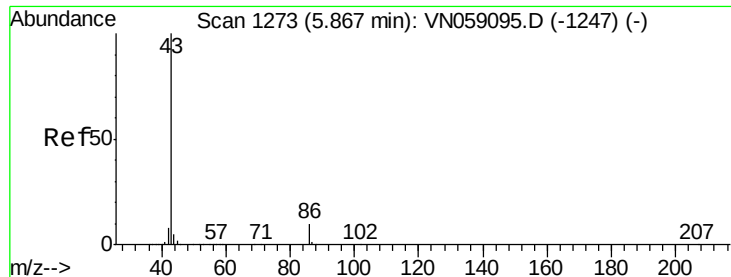
MMDadoda
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#22
Diisopropyl ether
Concen: 52.173 ug/l
RT: 5.92 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VN059201.D
Acq: 12 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.7	46.7	70.1
87	25.2	20.5	30.7
59	11.3	9.6	14.4





#23

Vinyl Acetate

Concen: 270.372 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

MW-305-SRI4MS

Tot Ion: 43 Resp: 3117411

Ion Ratio Lower Upper

43 100

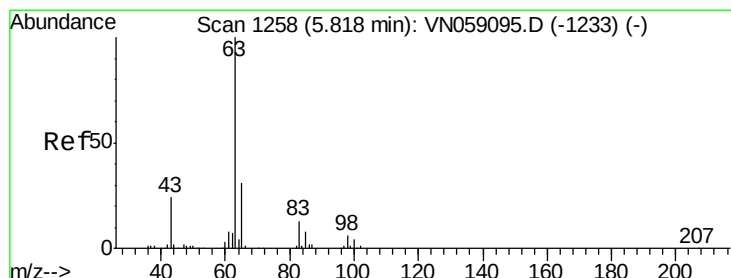
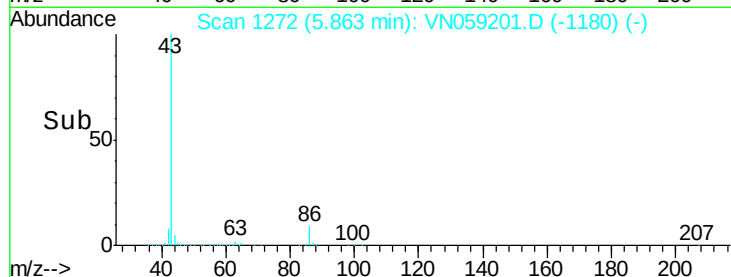
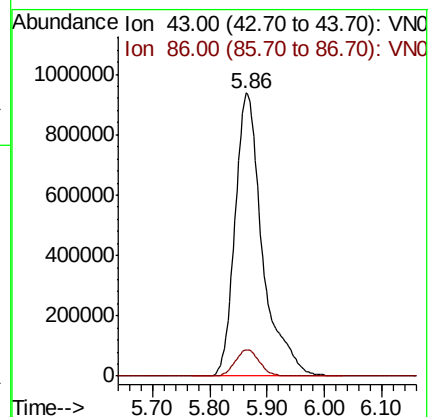
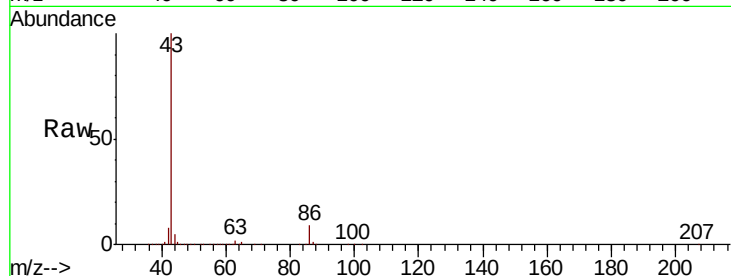
86 9.4 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 50.749 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

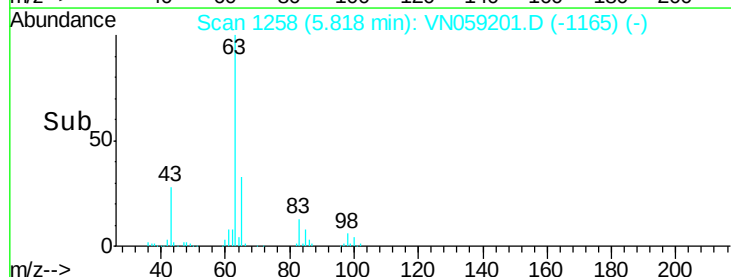
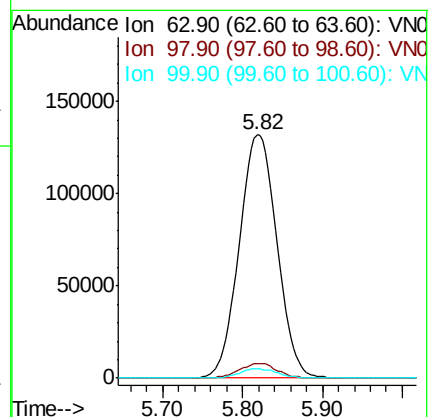
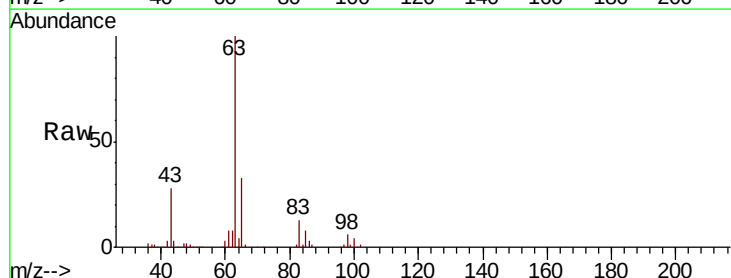
Tgt Ion: 63 Resp: 421691

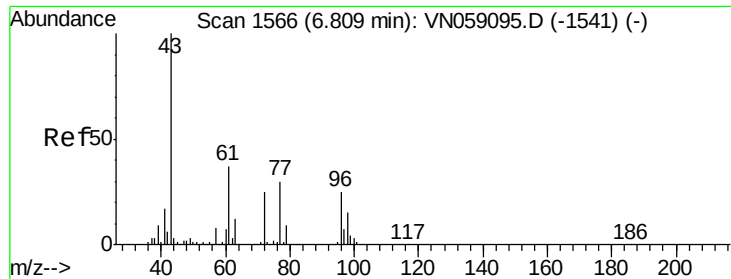
Ion Ratio Lower Upper

63 100

98 6.0 2.8 8.4

100 3.7 1.9 5.7





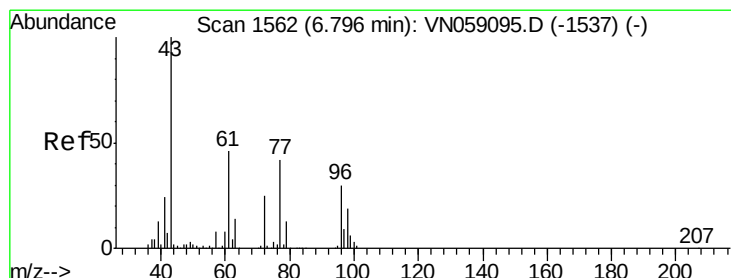
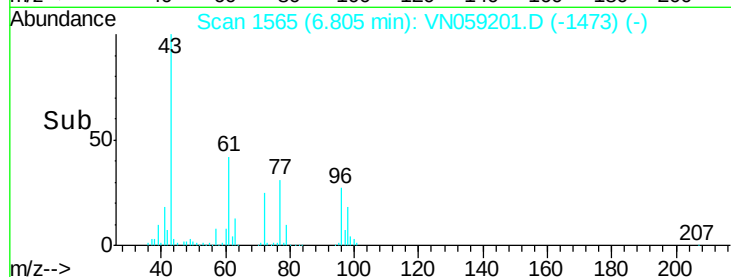
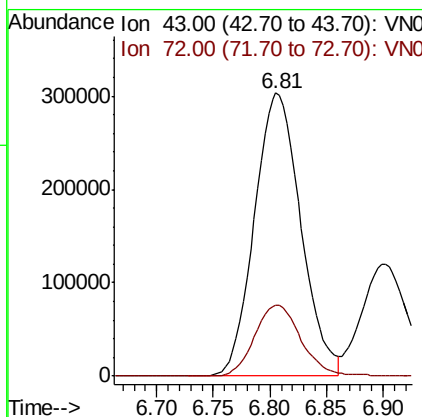
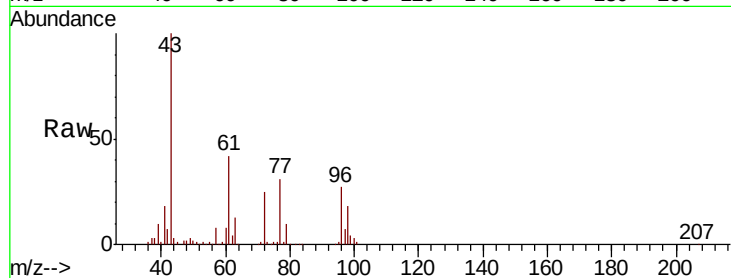
#25
2-Butanone
Concen: 248.253 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN059201.D
Acq: 12 Nov 2019 19:10

Instrument :
MSVOA_N
ClientSampleId :
MW-305-SRI4MS

Tot Ion	43	Resp	859682
Ion Ratio	100	Lower	Upper
72	25.0	20.3	30.5

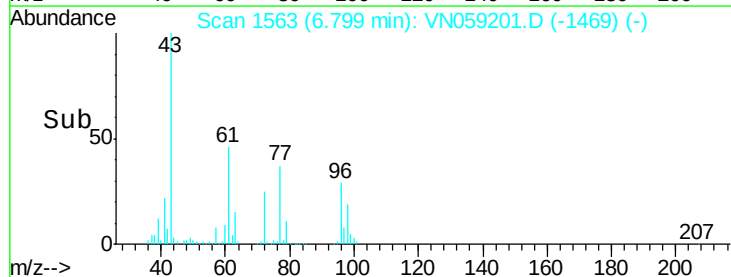
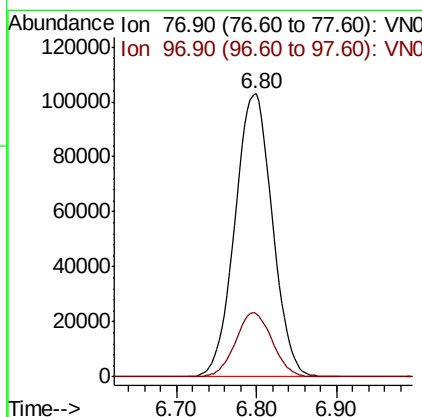
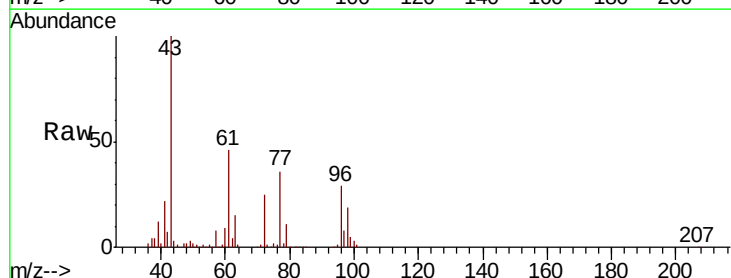
Manual Integrations
APPROVED

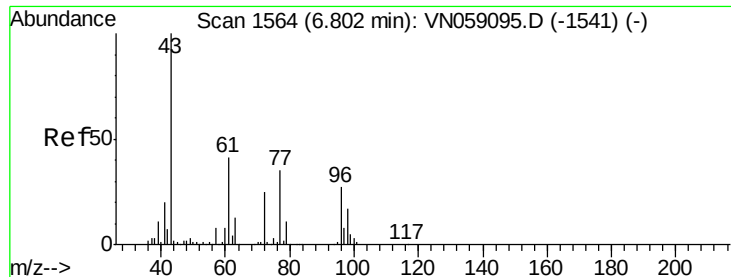
MMDadoda
11/13/2019 12:07:26 PM



#26
2,2-Dichloropropane
Concen: 44.986 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059201.D
Acq: 12 Nov 2019 19:10

Tgt Ion	77	Resp	326856
Ion Ratio	100	Lower	Upper
97	22.3	11.2	33.6





#27

cis-1,2-Dichloroethene

Concen: 50.994 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Instrument :

MSVOA_N

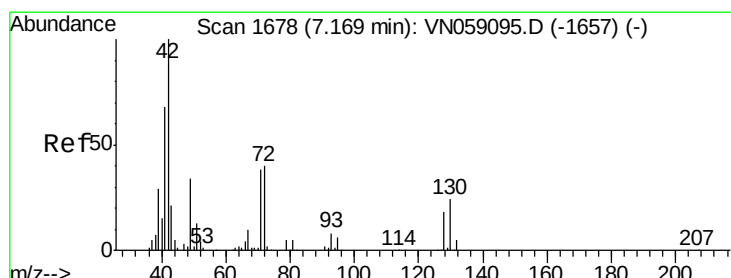
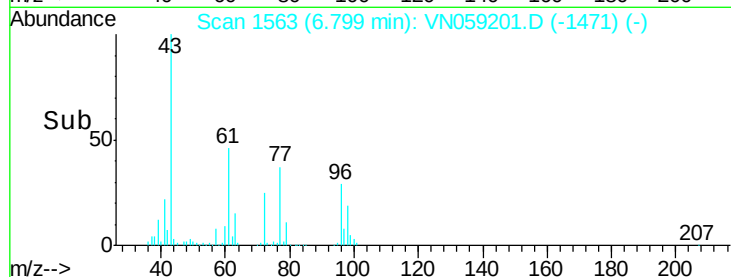
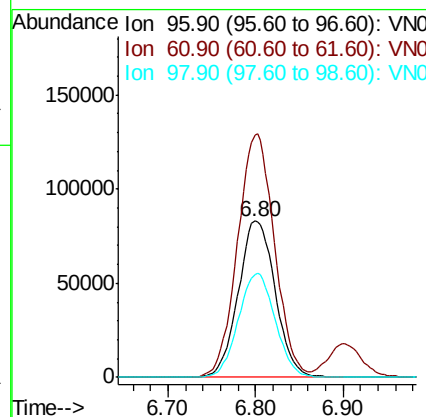
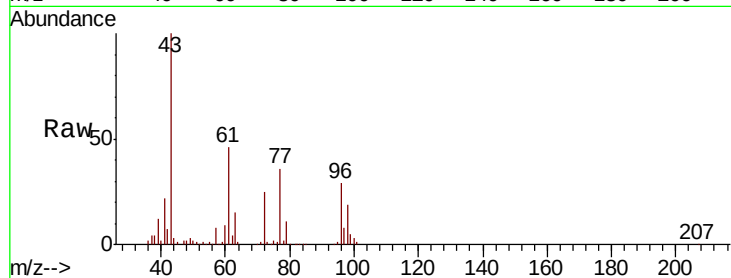
ClientSampleId :

MW-305-SRI4MS

Tot Ion:	96	Resp:	243499
Ion Ratio	Lower	Upper	
96	100		
61	155.1	0.0	311.6
98	66.1	0.0	129.8

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#28

Bromochloromethane

Concen: 50.459 ug/l

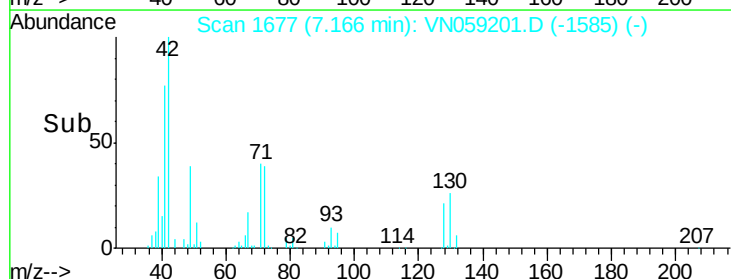
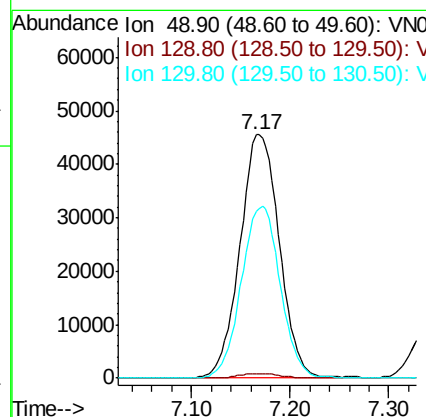
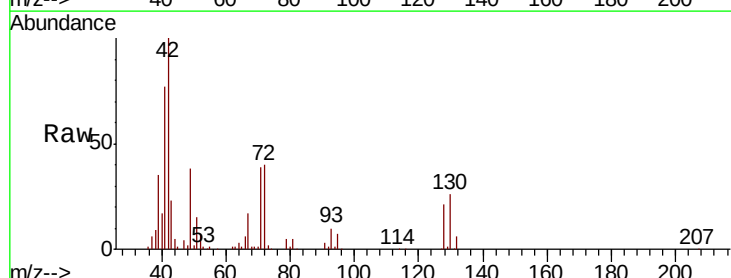
RT: 7.17 min Scan# 1677

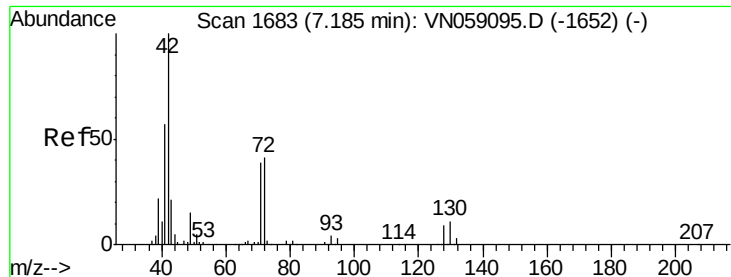
Delta R.T. -0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Tgt Ion:	49	Resp:	126142
Ion Ratio	Lower	Upper	
49	100		
129	1.9	0.0	3.8
130	69.7	55.6	83.4





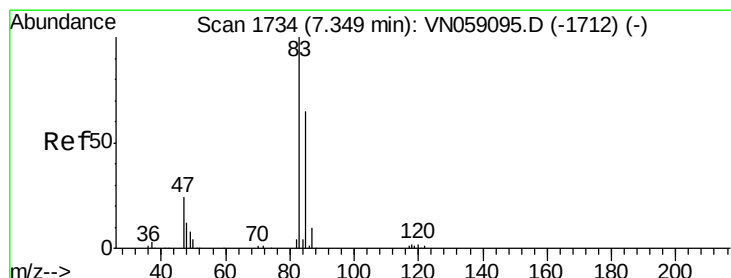
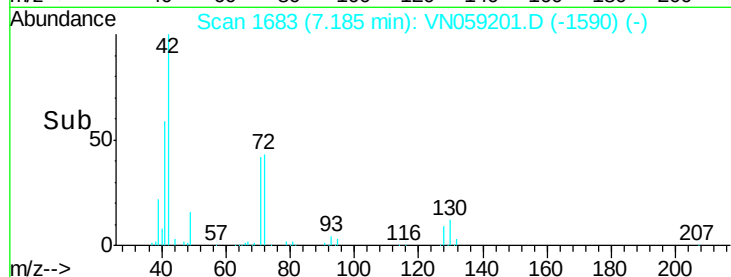
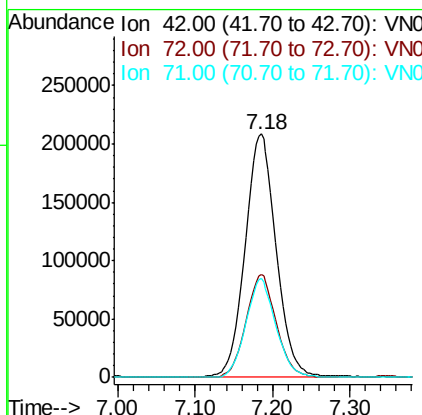
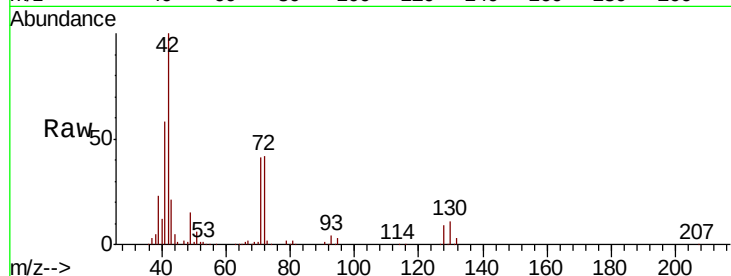
#29
Tetrahydrofuran
Concen: 264.589 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN059201.D
Acq: 12 Nov 2019 19:10

Instrument :
MSVOA_N
ClientSampleId :
MW-305-SRI4MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.2	33.1	49.7
71	39.4	30.9	46.3

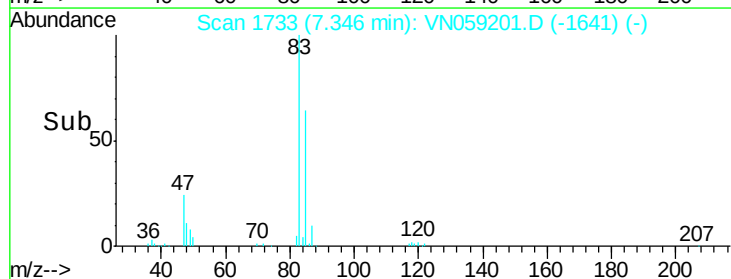
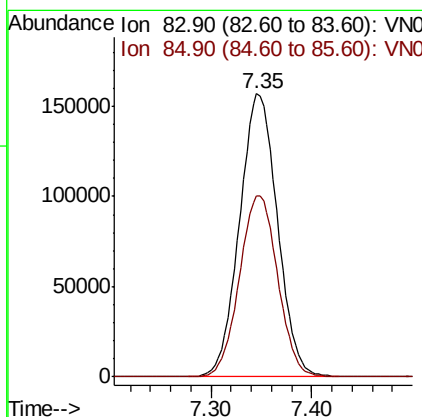
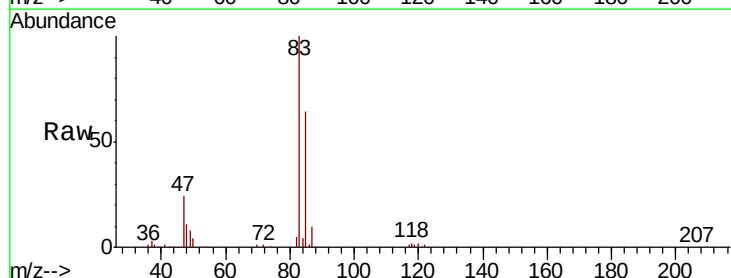
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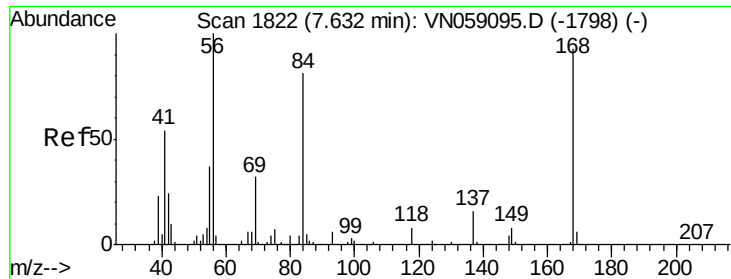
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#30
Chloroform
Concen: 51.331 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN059201.D
Acq: 12 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.8	77.8





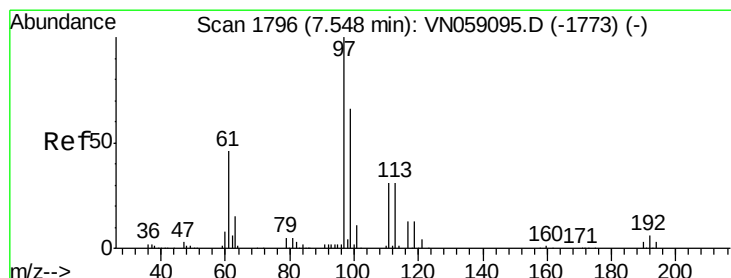
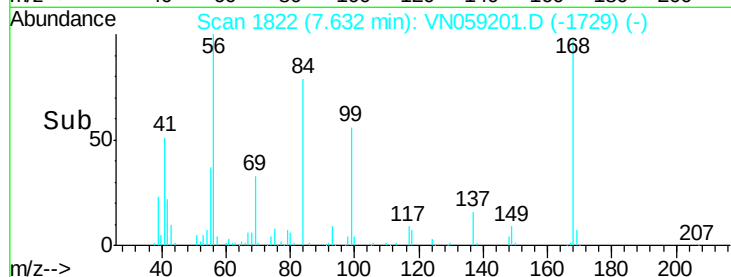
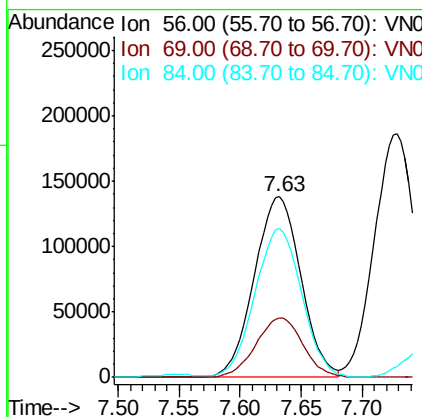
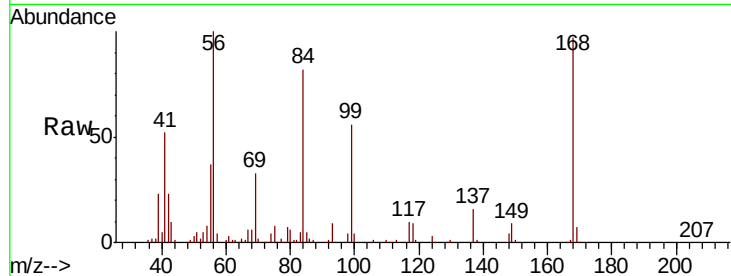
#31
Cyclohexane
Concen: 46.652 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059201.D
Acq: 12 Nov 2019 19:10

Instrument :
MSVOA_N
ClientSampleId :
MW-305-SRI4MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.2	25.8	38.8
84	80.9	65.0	97.4

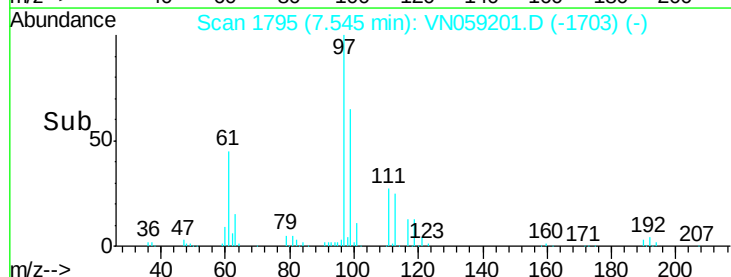
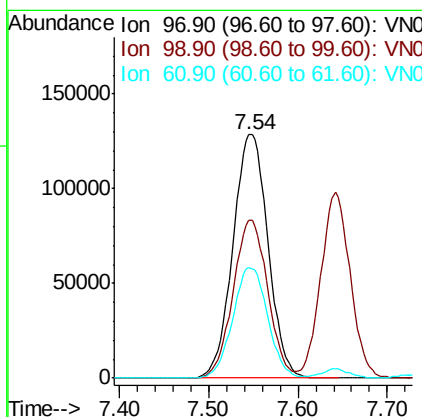
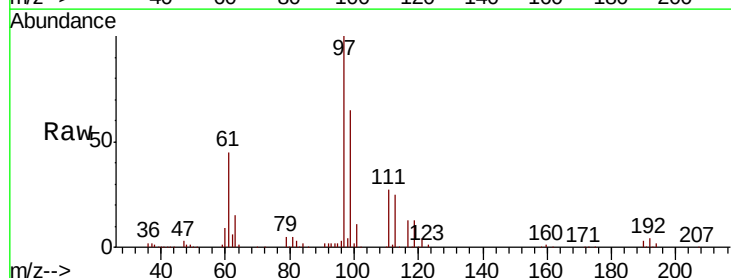
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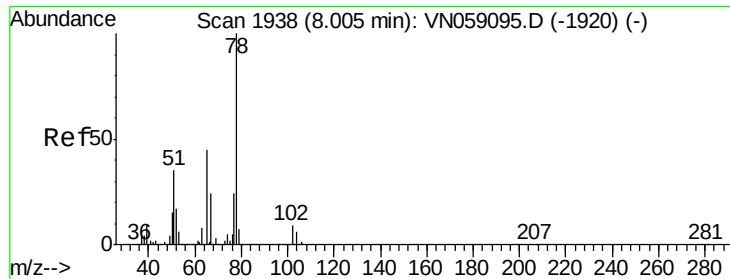
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#32
1,1,1-Trichloroethane
Concen: 52.265 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059201.D
Acq: 12 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.0	76.6
61	45.4	35.8	53.8





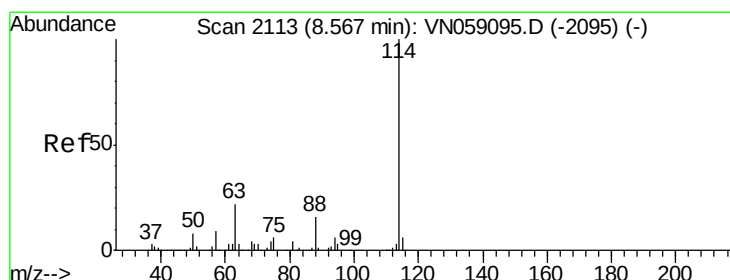
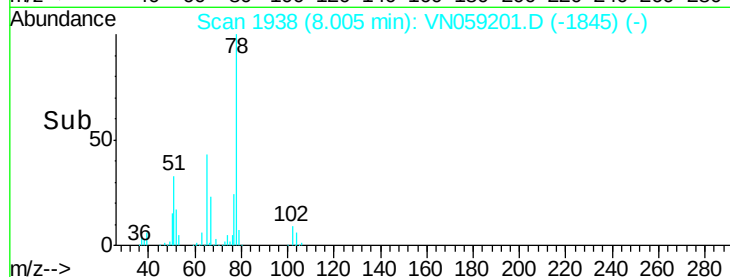
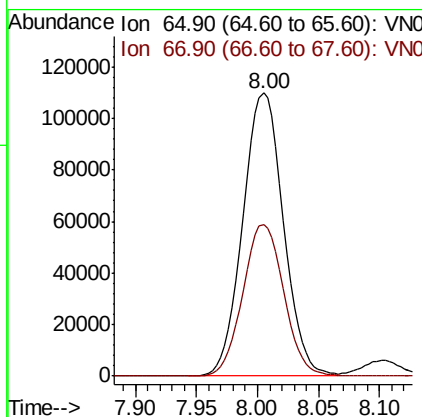
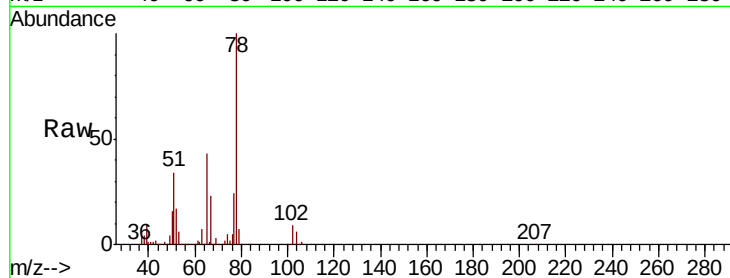
#33
 1,2-Dichloroethane-d4
 Concen: 50.188 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059201.D
 Acq: 12 Nov 2019 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-305-SRI4MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	107.4

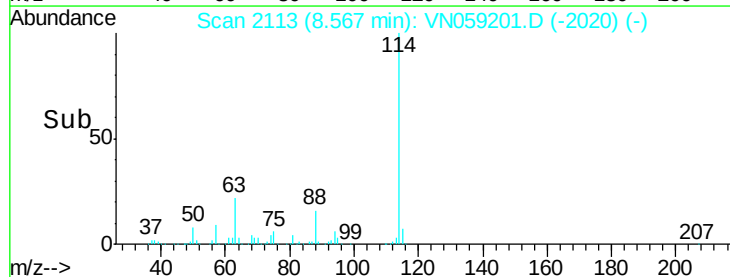
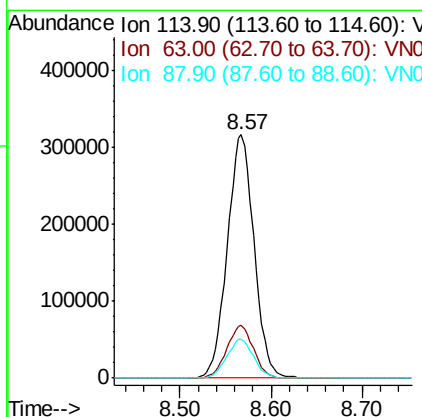
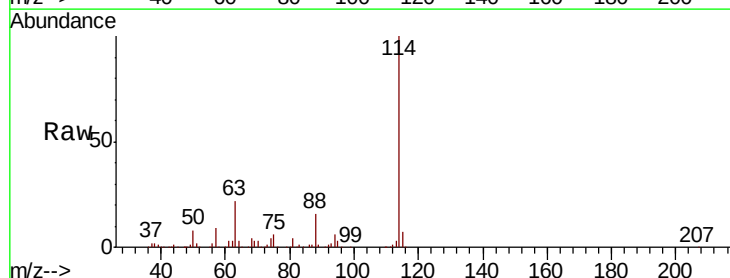
Manual Integrations
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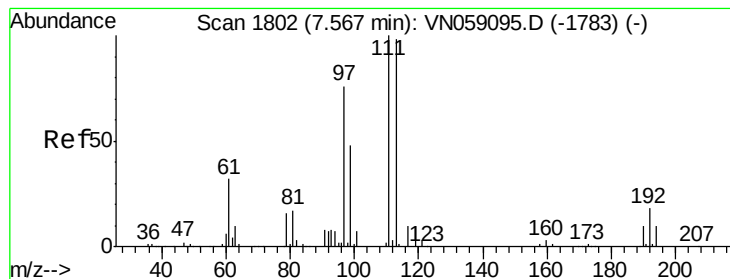
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059201.D
 Acq: 12 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.4
88	16.0	0.0	32.2





#35

Dibromofluoromethane

Concen: 51.705 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Instrument :

MSVOA_N

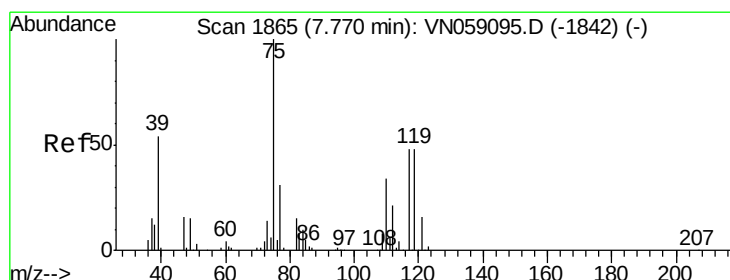
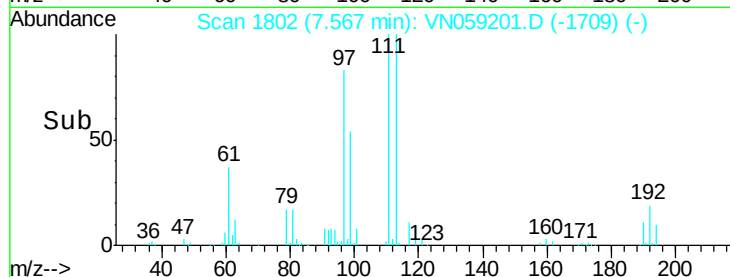
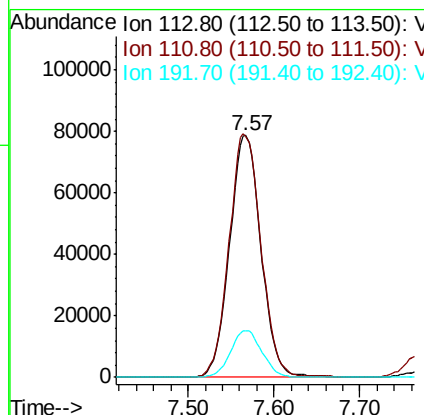
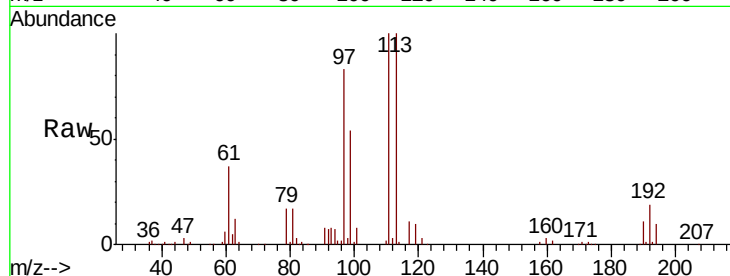
ClientSampleId :

MW-305-SRI4MS

Tot Ion:	113	Resp:	199090
Ion Ratio	Lower	Upper	
113	100		
111	101.9	82.8	124.2
192	19.3	16.1	24.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.813 ug/l

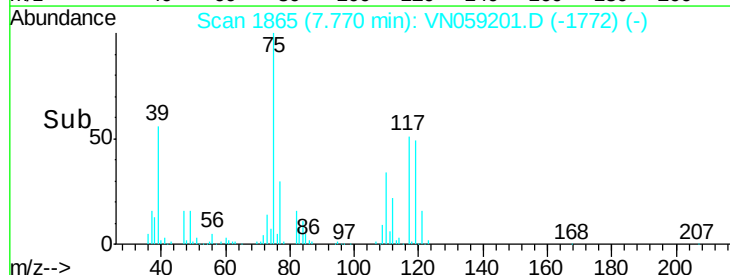
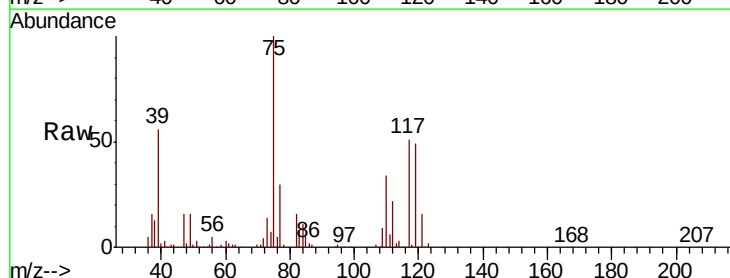
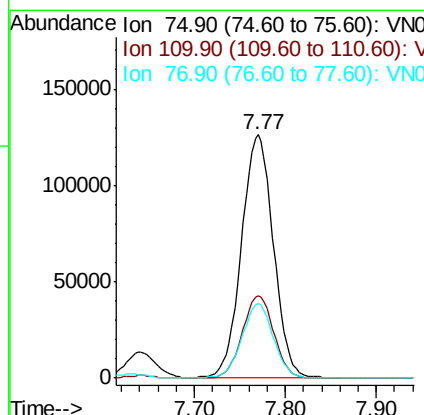
RT: 7.77 min Scan# 1865

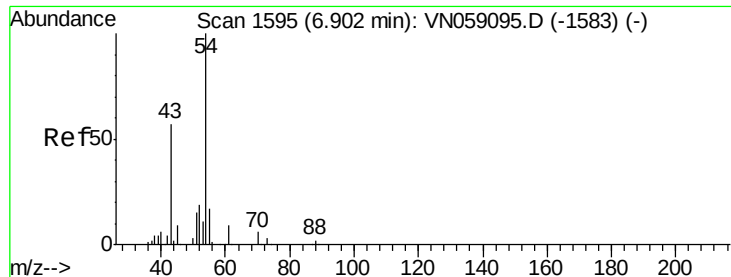
Delta R.T. -0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Tgt Ion:	75	Resp:	306281
Ion Ratio	Lower	Upper	
75	100		
110	33.5	17.1	51.2
77	30.6	24.8	37.2





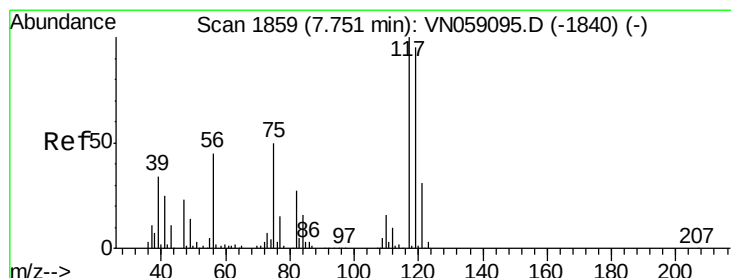
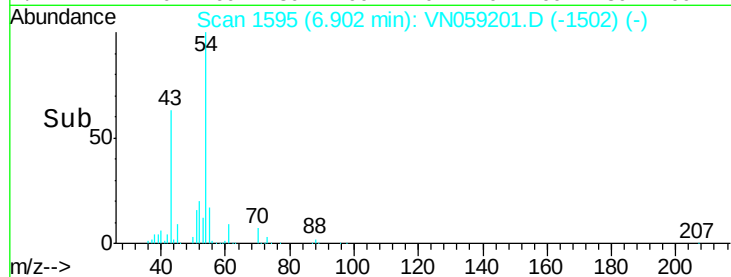
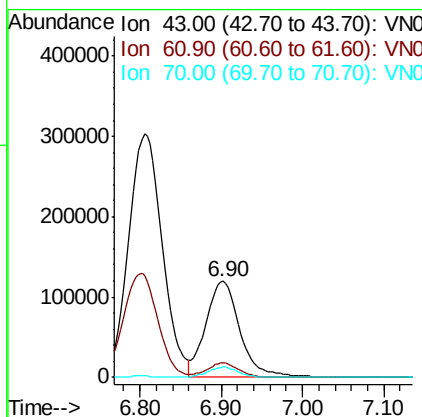
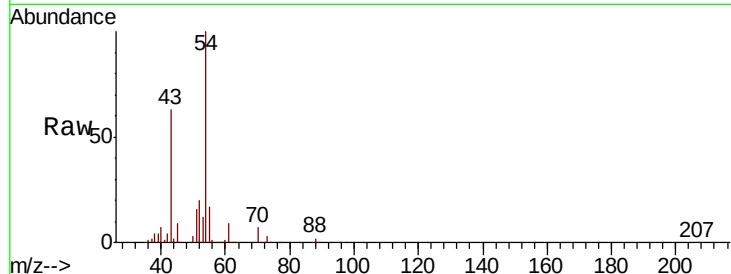
#37
Ethyl Acetate
Concen: 51.892 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VN059201.D
Acq: 12 Nov 2019 19:10

Instrument :
MSVOA_N
ClientSampleId :
MW-305-SRI4MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.2	16.8
70	9.6	7.8	11.8

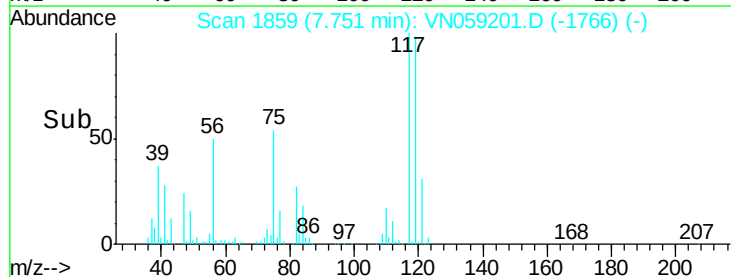
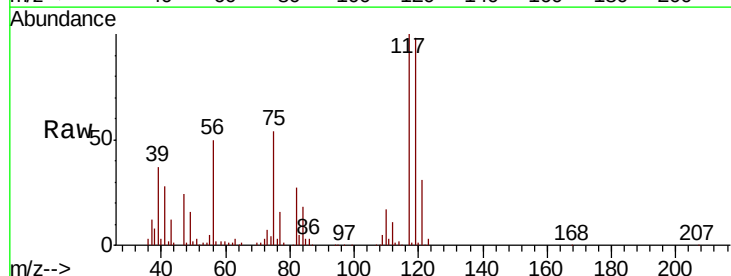
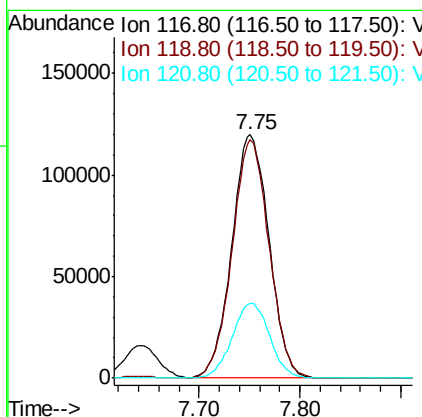
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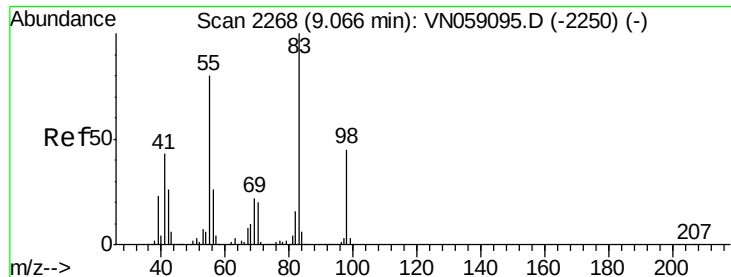
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#38
Carbon Tetrachloride
Concen: 51.110 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059201.D
Acq: 12 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	75.6	113.4
121	30.9	24.6	36.8





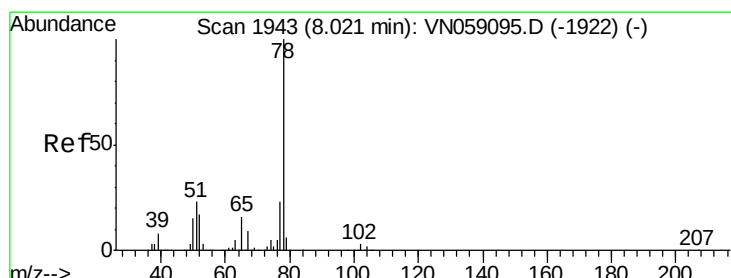
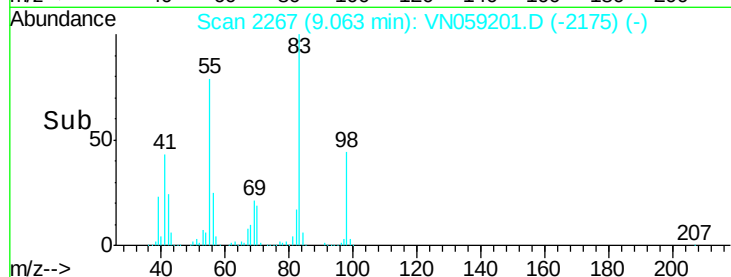
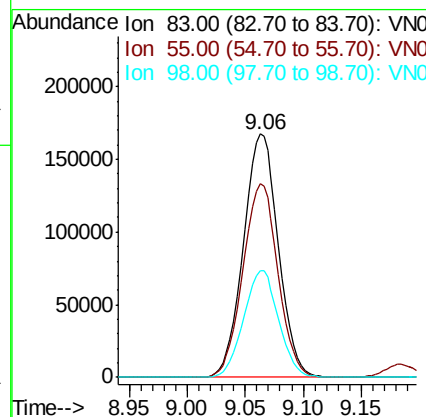
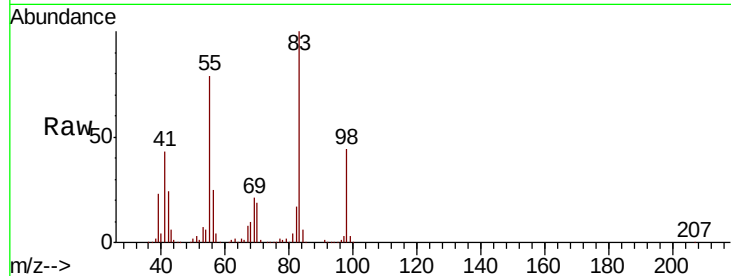
#39
Methylvlcyclohexane
Concen: 50.125 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059201.D
Acq: 12 Nov 2019 19:10

Instrument :
MSVOA_N
ClientSampleId :
MW-305-SRI4MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	79.4	63.9	95.9	
98	43.9	35.6	53.4	

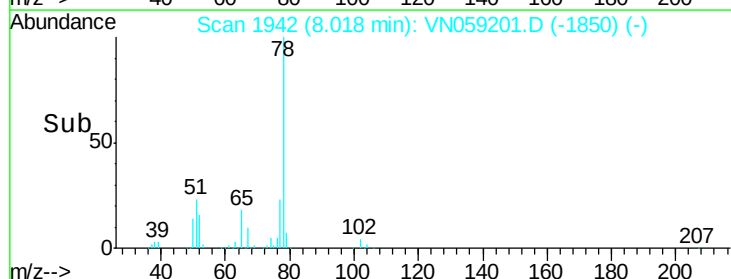
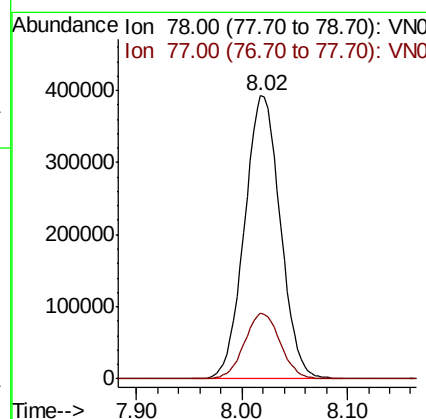
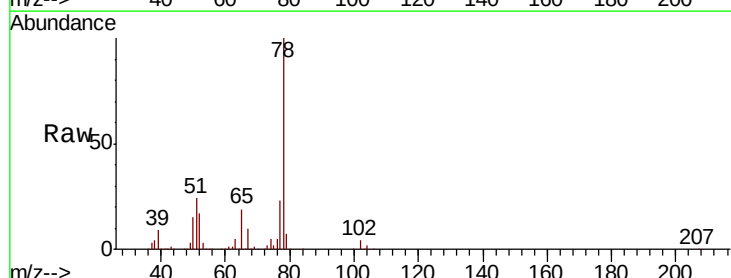
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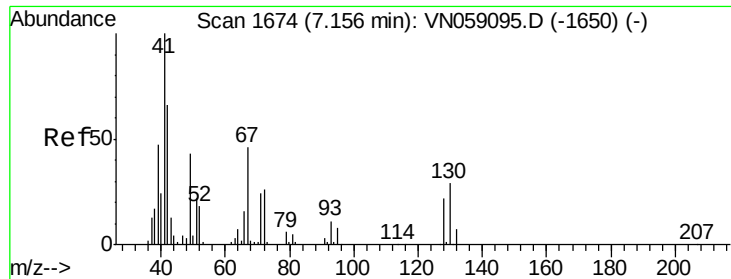
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#40
Benzene
Concen: 51.138 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059201.D
Acq: 12 Nov 2019 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.1	18.8	28.2	





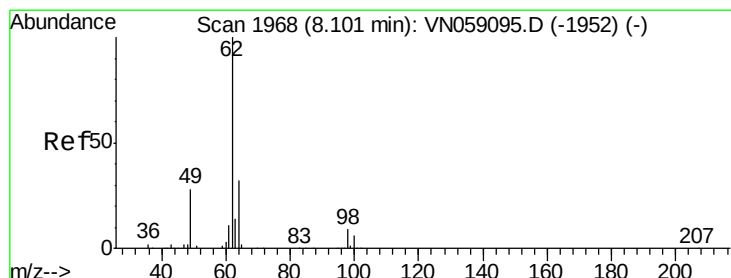
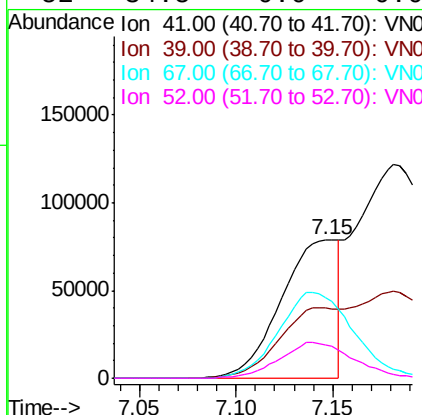
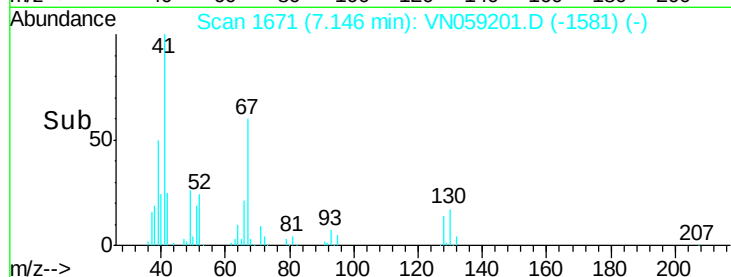
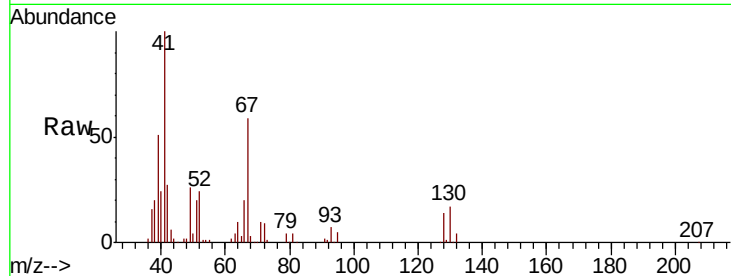
#41
Methacrylonitrile
Concen: 55.202 ug/l
RT: 7.15 min Scan# 1671
Delta R.T. -0.01 min
Lab File: VN059201.D
Acq: 12 Nov 2019 19:10

Instrument :
MSVOA_N
ClientSampleId :
MW-305-SRI4MS

Tot Ion	Ratio	Lower	Upper
41	100		
39	51.3	0.0	0.0#
67	82.8	0.0	0.0#
52	34.5	0.0	0.0#

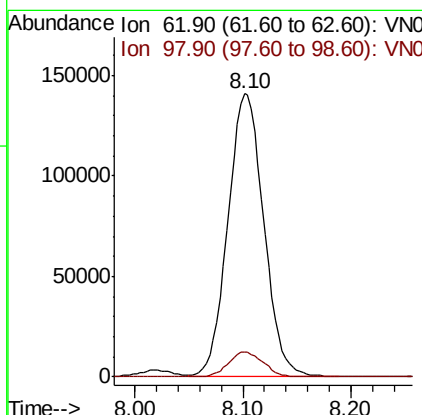
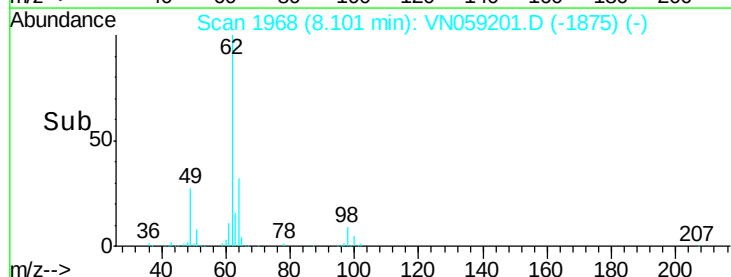
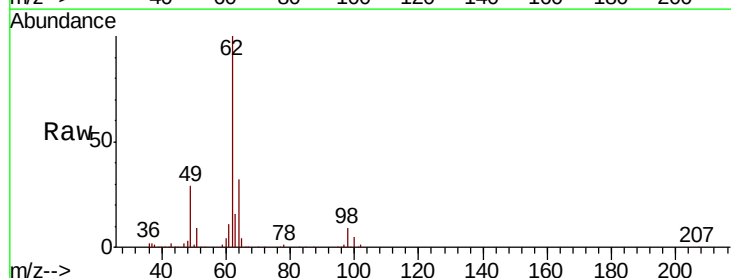
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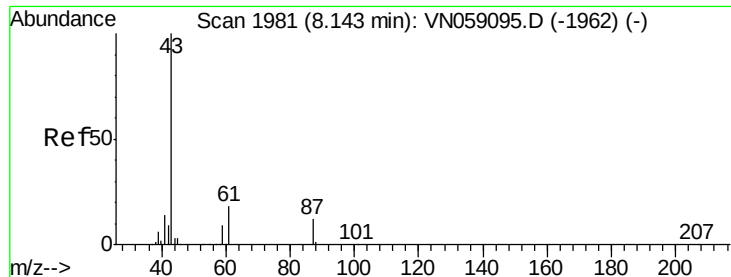
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#42
1,2-Dichloroethane
Concen: 52.216 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059201.D
Acq: 12 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.8





#43

Isopropyl Acetate

Concen: 50.735 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Instrument :

MSVOA_N

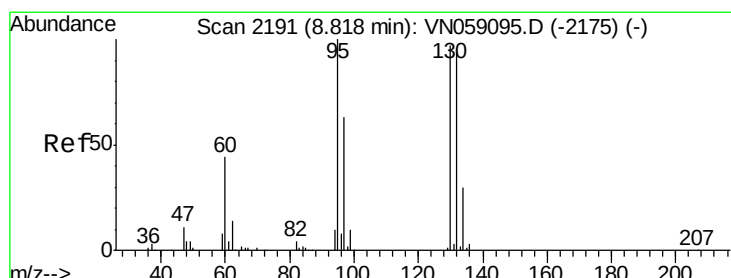
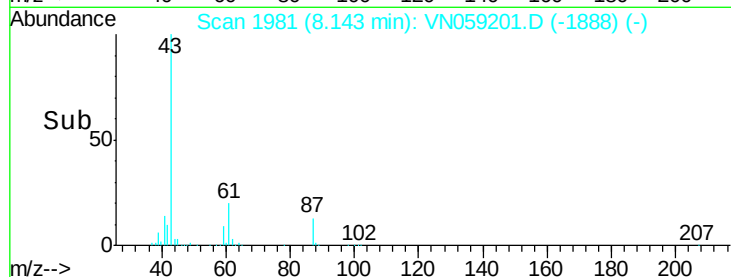
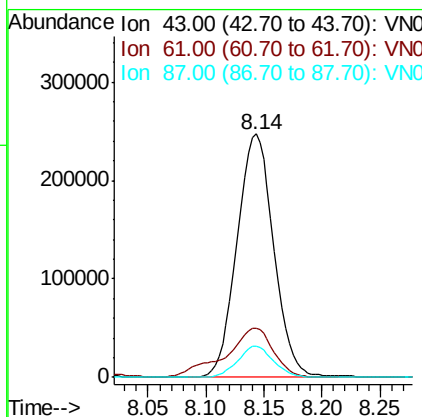
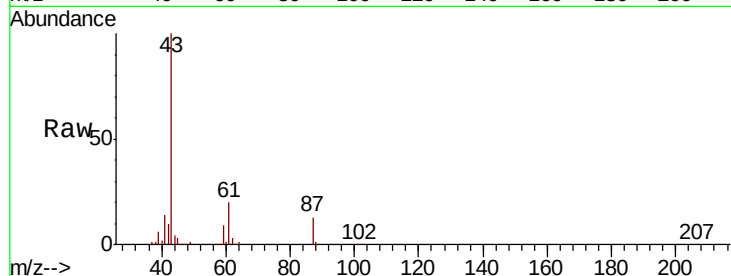
ClientSampleId :

MW-305-SRI4MS

Tot Ion:	43	Resp:	542370
Ion	Ratio	Lower	Upper
43	100		
61	26.8	21.0	31.6
87	12.5	9.8	14.6

Manual Integrations
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#44

Trichloroethene

Concen: 52.013 ug/l

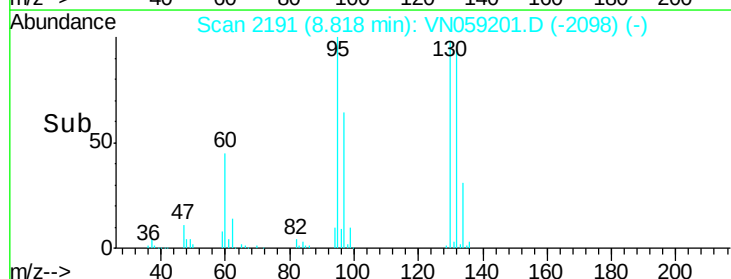
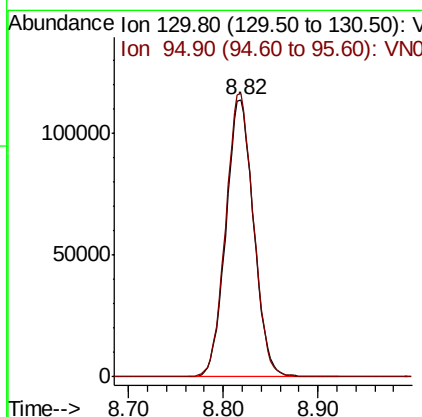
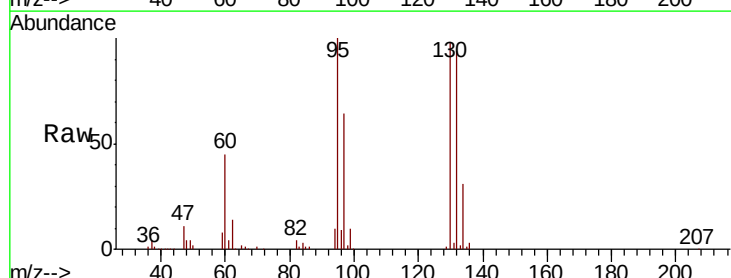
RT: 8.82 min Scan# 2191

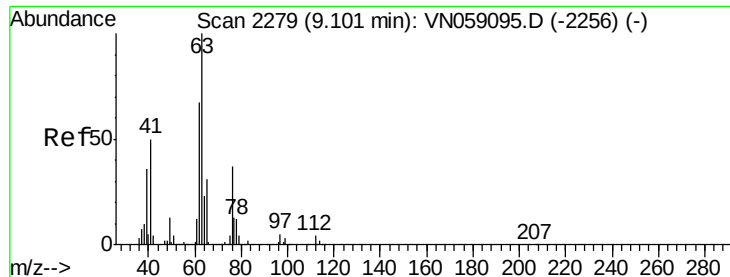
Delta R.T. 0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Tgt Ion:	130	Resp:	232078
Ion	Ratio	Lower	Upper
130	100		
95	102.1	0.0	206.4





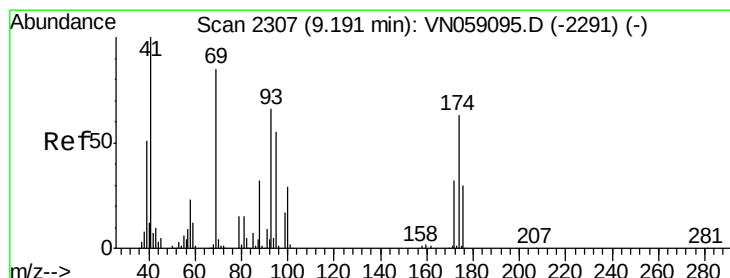
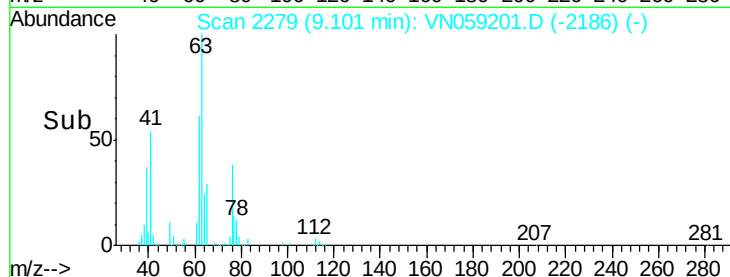
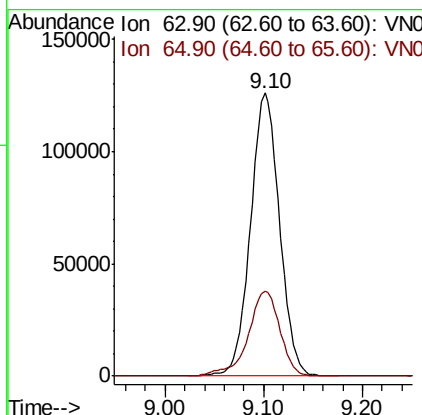
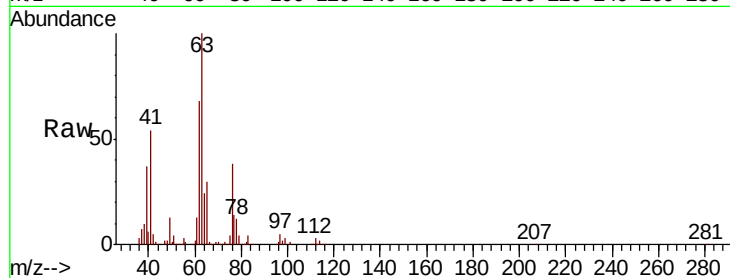
#45
 1,2-Dichloropropane
 Concen: 51.903 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN059201.D
 Acq: 12 Nov 2019 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-305-SRI4MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	24.6	37.0

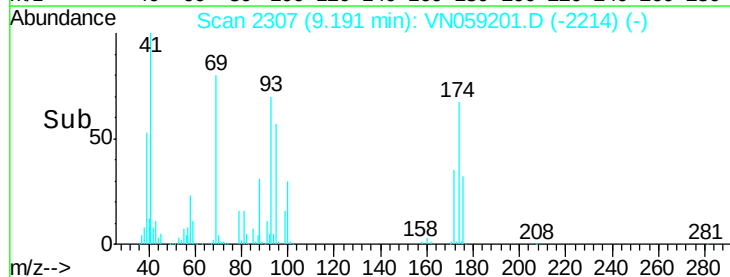
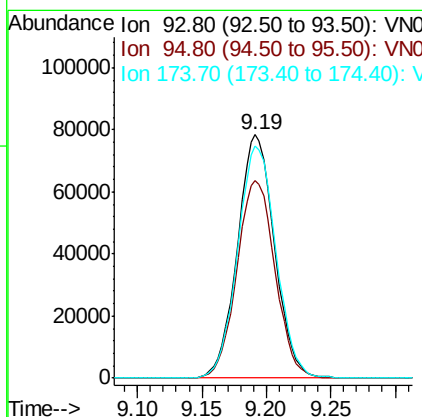
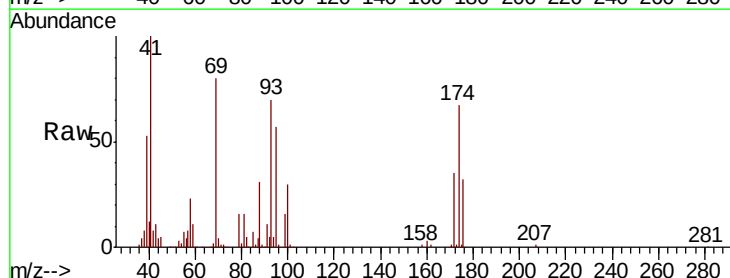
Manual Integrations
 APPROVED

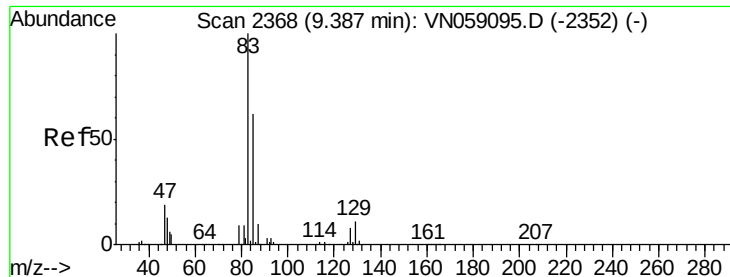
MMDadoda
 11/13/2019 12:07:26 PM



#46
 Dibromomethane
 Concen: 51.084 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN059201.D
 Acq: 12 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	66.6	100.0
174	98.6	78.2	117.2





#47

Bromodichloromethane

Concen: 52.759 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Instrument :

MSVOA_N

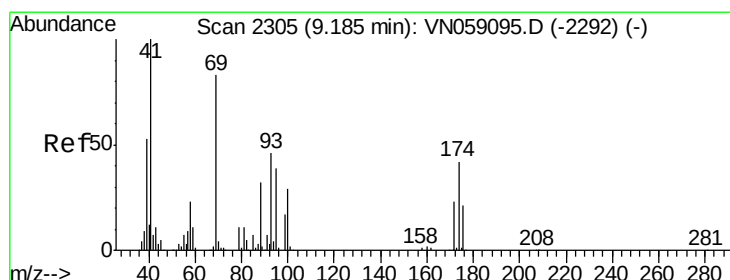
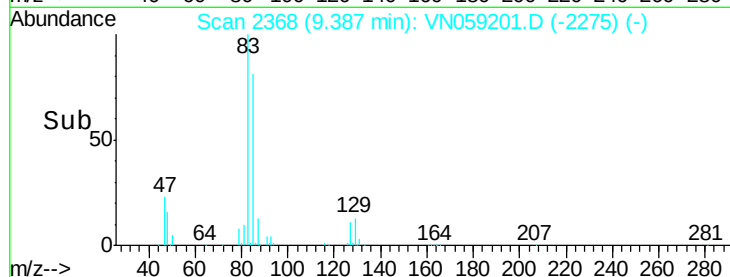
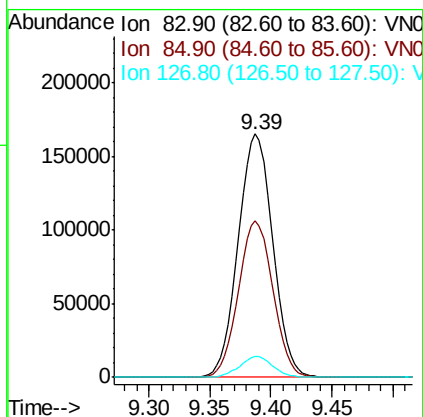
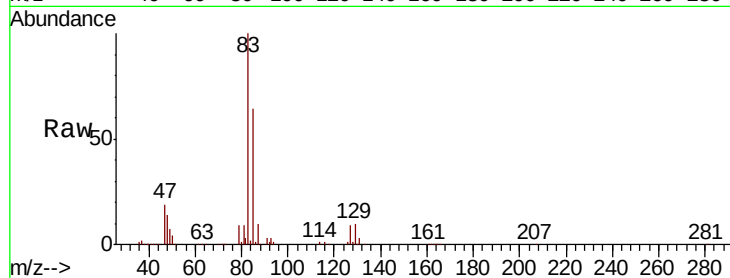
ClientSampleId :

MW-305-SRI4MS

Tot Ion:	83	Resp:	323665
Ion Ratio	Lower	Upper	
83	100		
85	64.3	49.7	74.5
127	8.8	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.014 ug/l

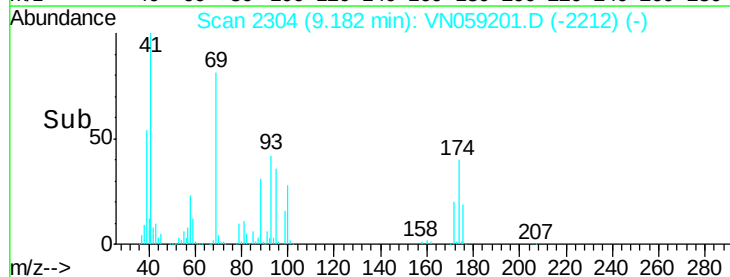
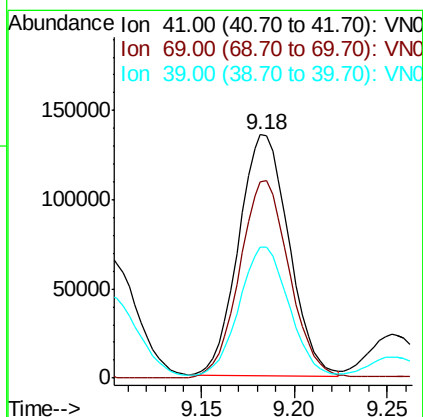
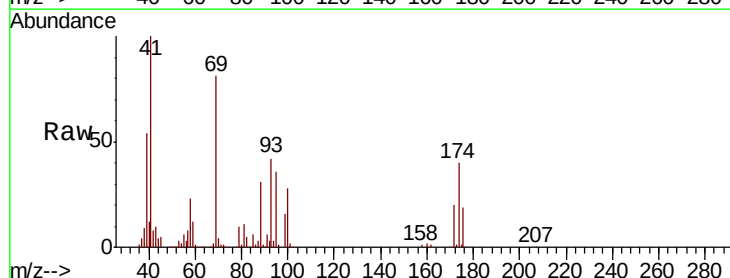
RT: 9.18 min Scan# 2304

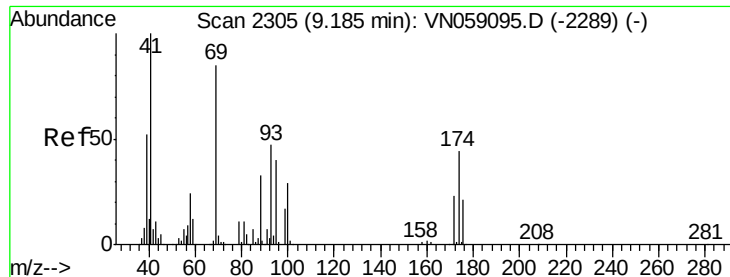
Delta R.T. -0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Tgt Ion:	41	Resp:	253501
Ion Ratio	Lower	Upper	
41	100		
69	82.3	67.3	100.9
39	54.9	43.3	64.9





#49

1,4-Dioxane

Concen: 1036.590 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Instrument :

MSVOA_N

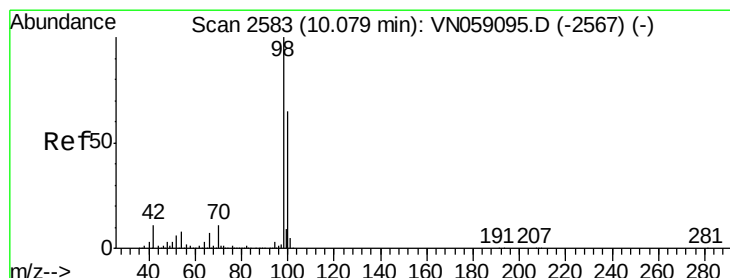
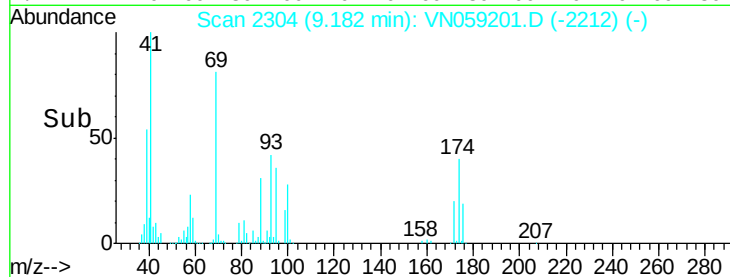
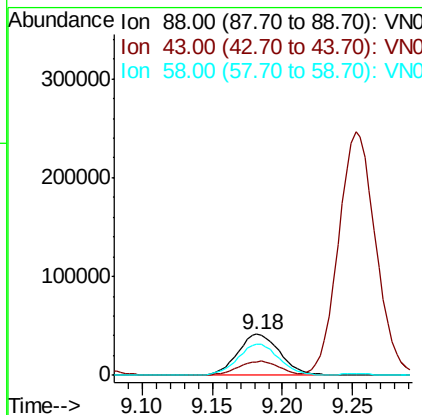
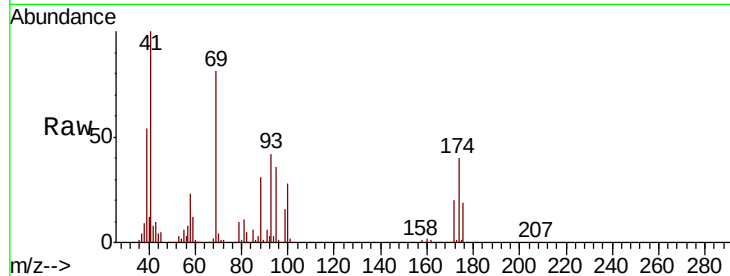
ClientSampleId :

MW-305-SRI4MS

Tot Ion:	88	Resp:	88088
Ion	Ratio	Lower	Upper
88	100		
43	33.5	26.3	39.5
58	74.0	60.6	90.8

Manual Integrations
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#50

Toluene-d8

Concen: 49.982 ug/l

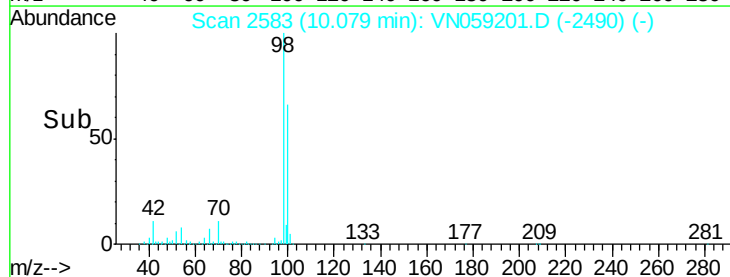
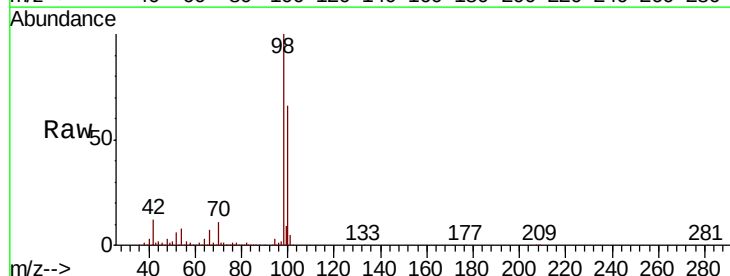
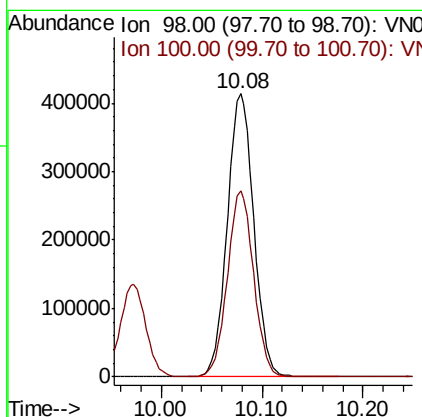
RT: 10.08 min Scan# 2583

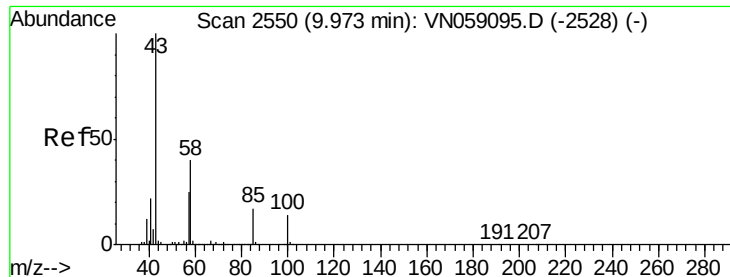
Delta R.T. 0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Tgt Ion:	98	Resp:	758061
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.2





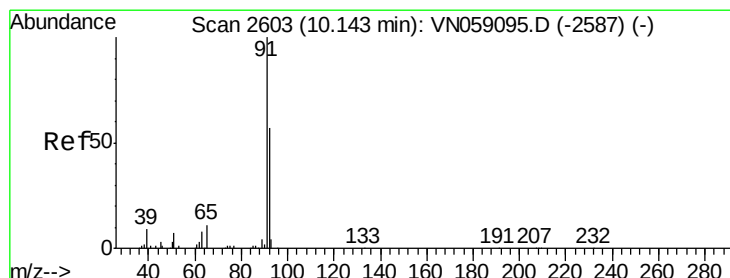
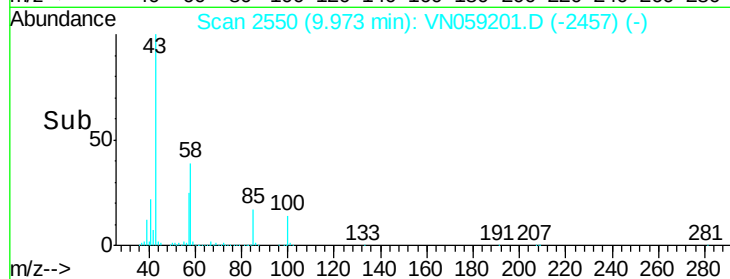
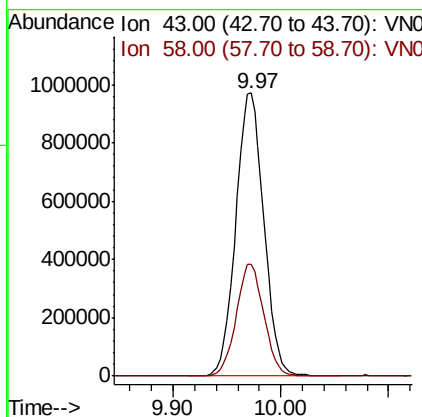
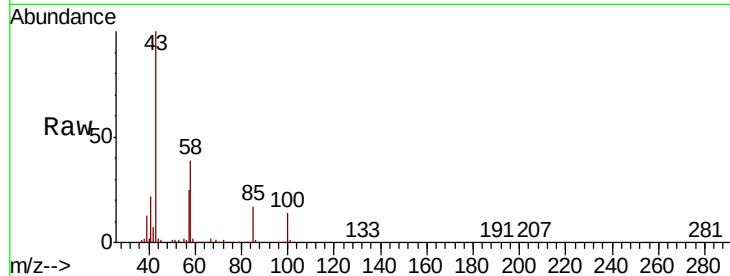
#51
 4-Methyl-2-Pentanone
 Concen: 290.601 ug/l
 RT: 9.97 min Scan# 2550
 Delta R.T. -0.00 min
 Lab File: VN059201.D
 Acq: 12 Nov 2019 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-305-SRI4MS

Tot Ion: 43 Resp: 1757798
 Ion Ratio Lower Upper
 43 100
 58 38.9 31.5 47.3

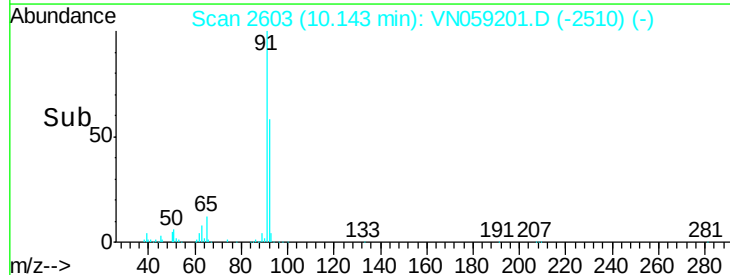
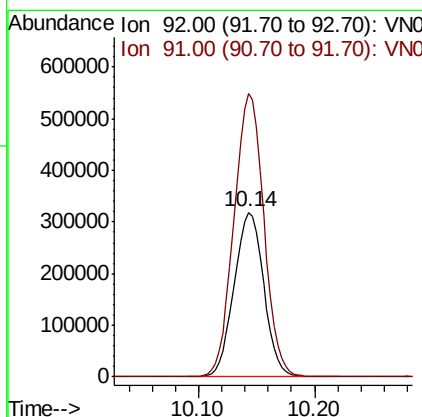
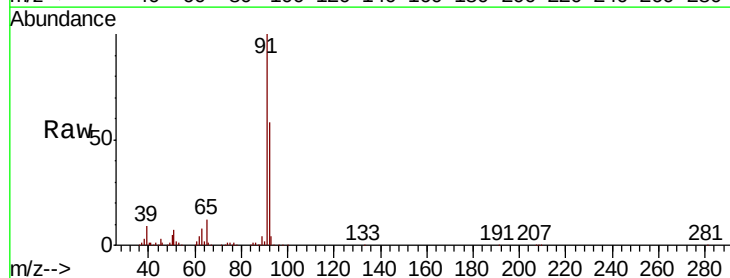
Manual Integrations
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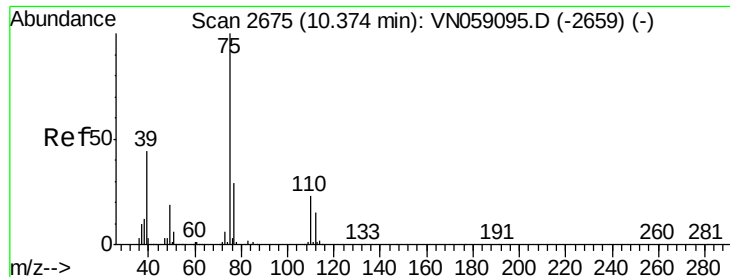
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#52
 Toluene
 Concen: 52.104 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN059201.D
 Acq: 12 Nov 2019 19:10

Tgt Ion: 92 Resp: 566856
 Ion Ratio Lower Upper
 92 100
 91 173.0 139.5 209.3





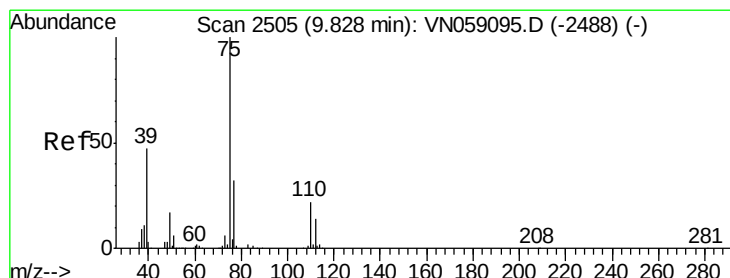
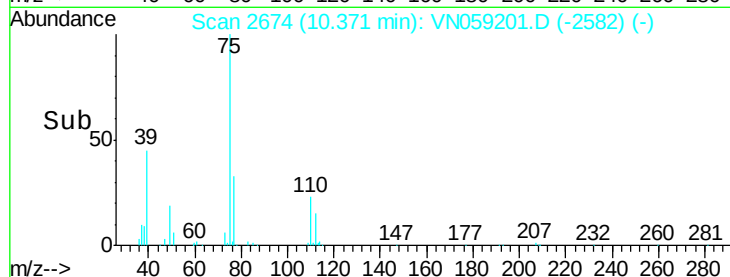
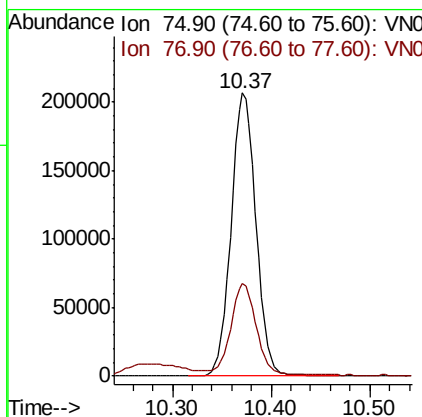
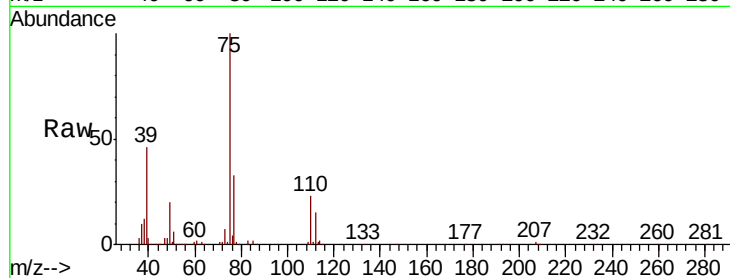
#53
t-1,3-Dichloropropene
Concen: 51.175 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. -0.00 min
Lab File: VN059201.D
Acq: 12 Nov 2019 19:10

Instrument :
MSVOA_N
ClientSampleId :
MW-305-SRI4MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.3	37.9

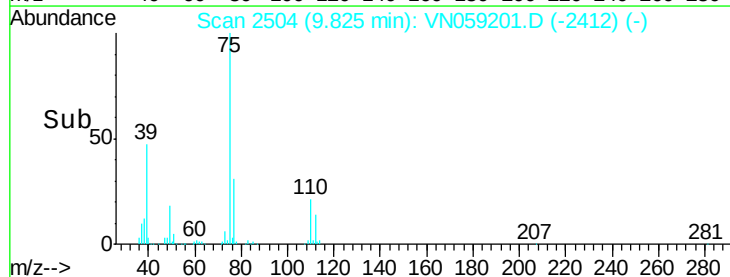
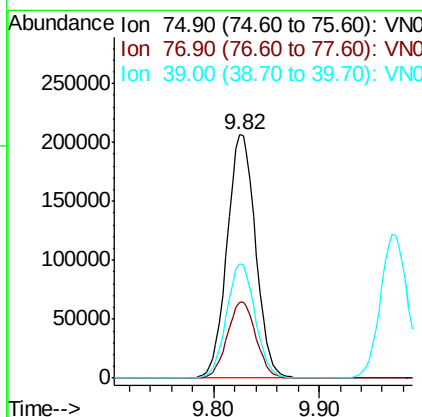
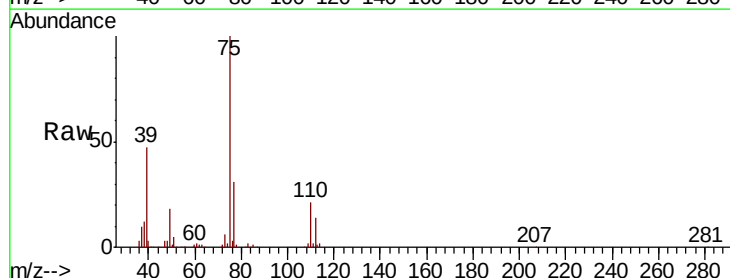
Manual Integrations
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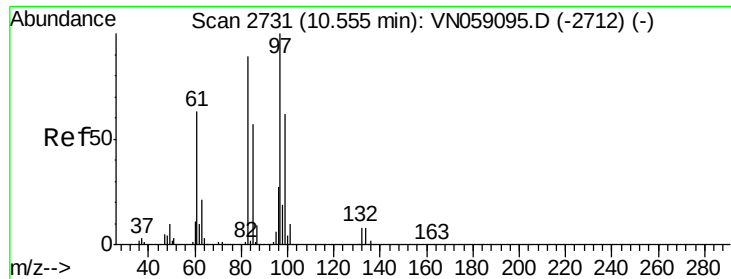
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 50.641 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. -0.00 min
Lab File: VN059201.D
Acq: 12 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.5	38.3
39	47.0	37.3	55.9





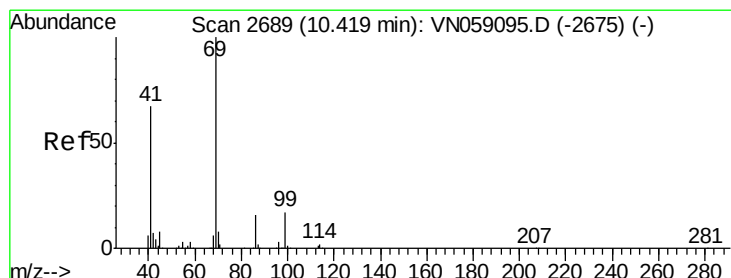
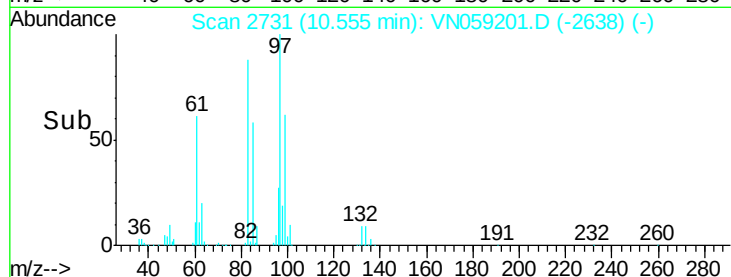
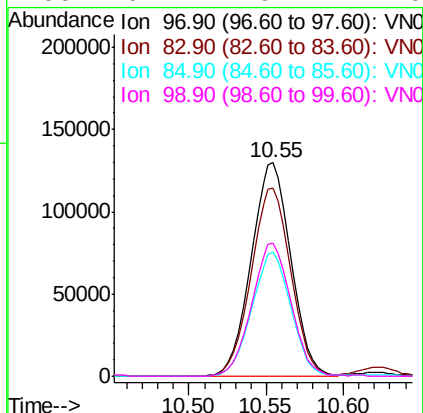
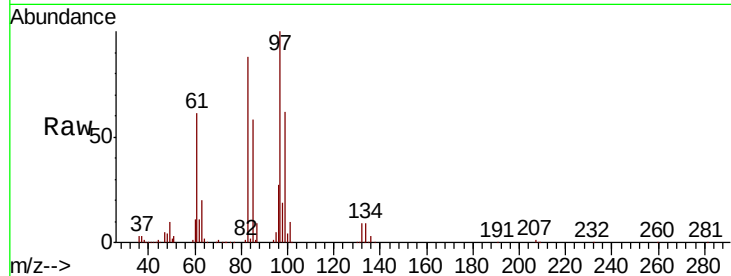
#55
 1,1,2-Trichloroethane
 Concen: 52.534 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: VN059201.D
 Acq: 12 Nov 2019 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-305-SRI4MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		231305		
83	88.0	71.0	106.4		
85	58.1	45.8	68.8		
99	62.1	49.4	74.0		

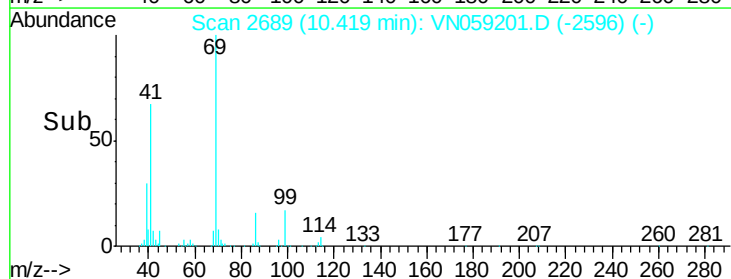
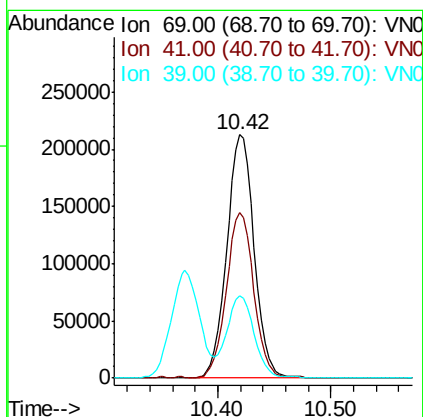
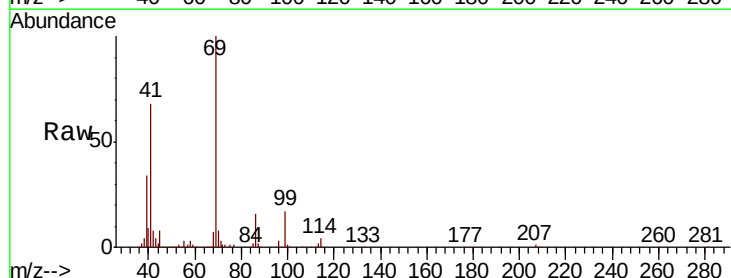
Manual Integrations
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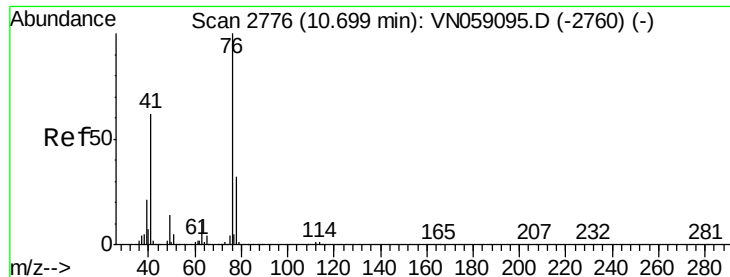
MMDadoda
 11/13/2019 12:07:26 PM



#56
 Ethyl methacrylate
 Concen: 48.733 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: VN059201.D
 Acq: 12 Nov 2019 19:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		357518		
41	67.2	53.6	80.4		
39	34.0	26.2	39.4		





#57

1,3-Dichloropropane

Concen: 52.869 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. 0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

MW-305-SRI4MS

Tot Ion: 76 Resp: 400639

Ion Ratio Lower Upper

76 100

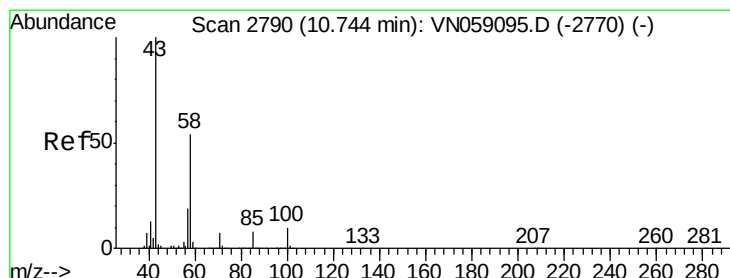
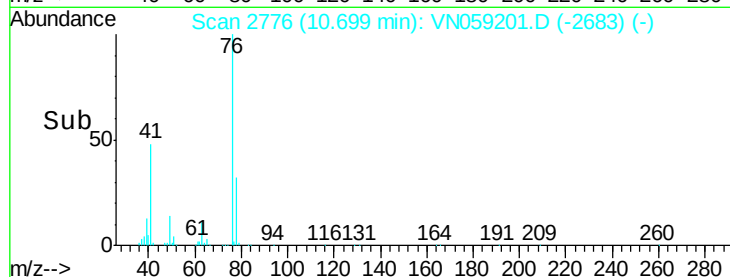
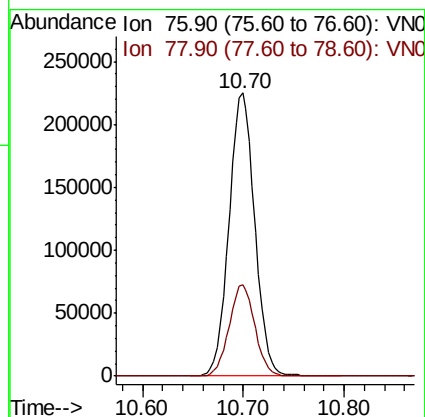
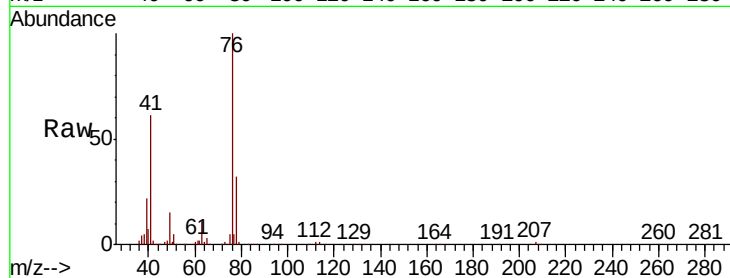
78 32.3 25.8 38.8

Manual Integrations

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#59

2-Hexanone

Concen: 282.110 ug/l

RT: 10.74 min Scan# 2790

Delta R.T. 0.00 min

Lab File: VN059201.D

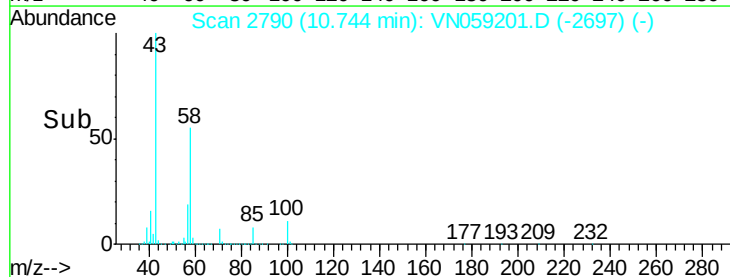
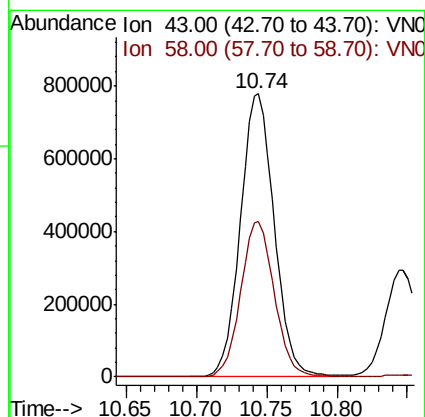
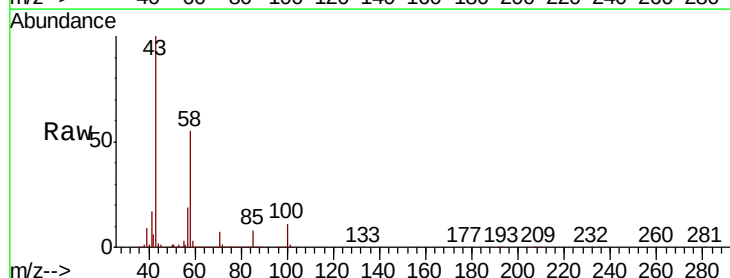
Acq: 12 Nov 2019 19:10

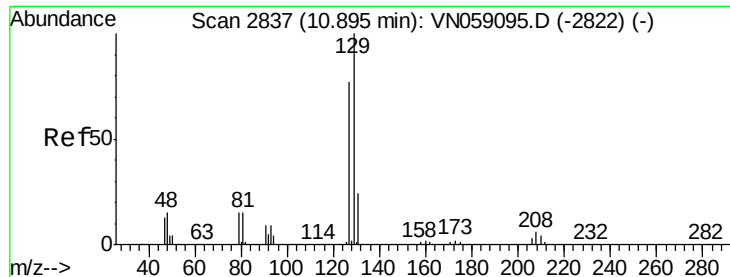
Tgt Ion: 43 Resp: 1309774

Ion Ratio Lower Upper

43 100

58 54.7 27.3 81.8





#60

Dibromochloromethane

Concen: 53.939 ug/l

RT: 10.89 min Scan# 2836

Delta R.T. -0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

MW-305-SRI4MS

Tot Ion:129 Resp: 251095

Ion Ratio Lower Upper

129 100

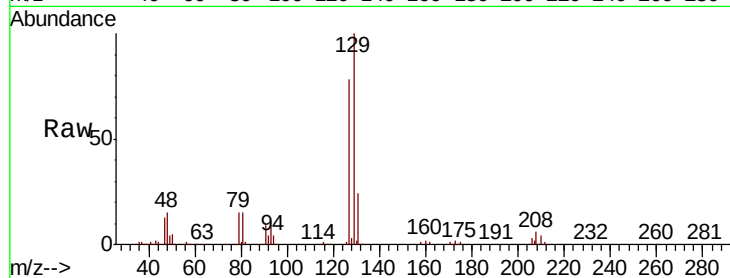
127 77.5 38.6 115.8

Manual Integrations

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.89

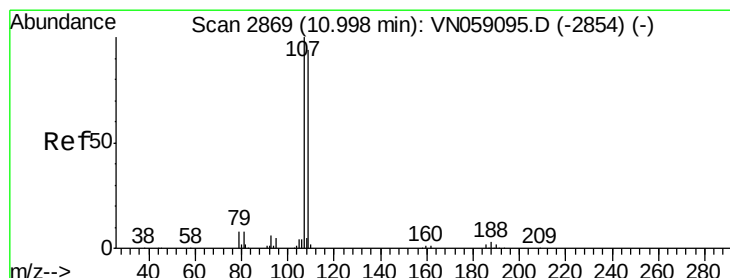
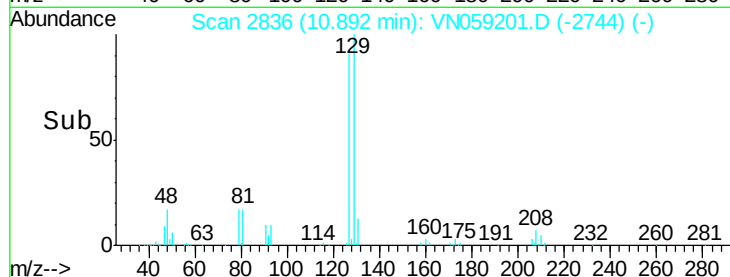
150000

100000

50000

0

Time--> 10.80 10.90 11.00



#61

1,2-Dibromoethane

Concen: 52.547 ug/l

RT: 11.00 min Scan# 2869

Delta R.T. -0.00 min

Lab File: VN059201.D

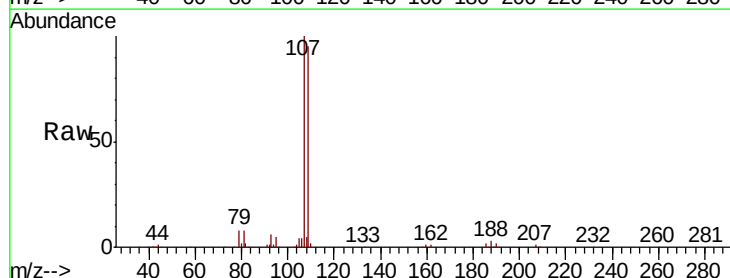
Acq: 12 Nov 2019 19:10

Tgt Ion:107 Resp: 234210

Ion Ratio Lower Upper

107 100

109 95.0 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

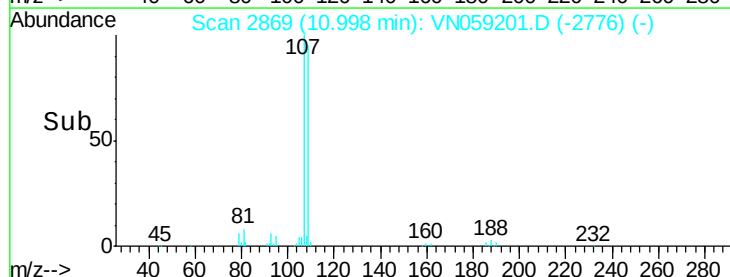
150000

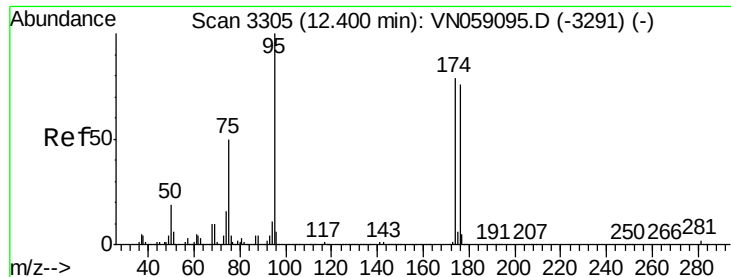
100000

50000

0

Time--> 10.90 11.00 11.10





#62

4-Bromofluorobenzene

Concen: 50.712 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Instrument :

MSVOA_N

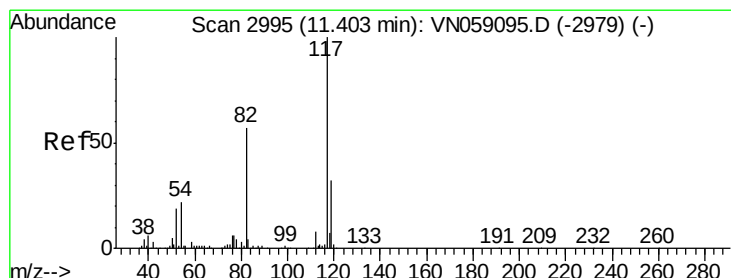
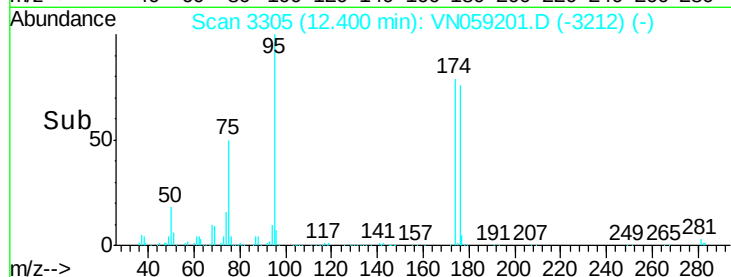
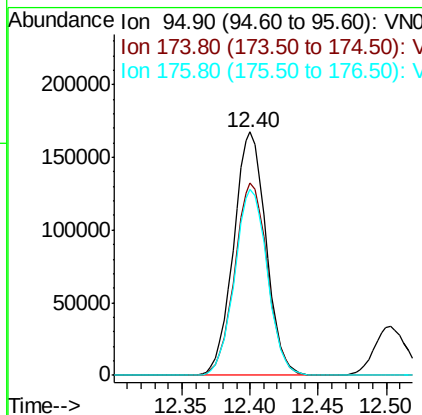
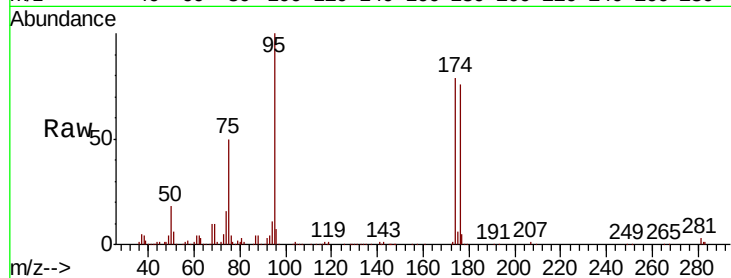
ClientSampleId :

MW-305-SRI4MS

Tot Ion:	95	Resp:	277322
Ion Ratio	Lower	Upper	
95	100		
174	79.6	0.0	158.2
176	76.8	0.0	151.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

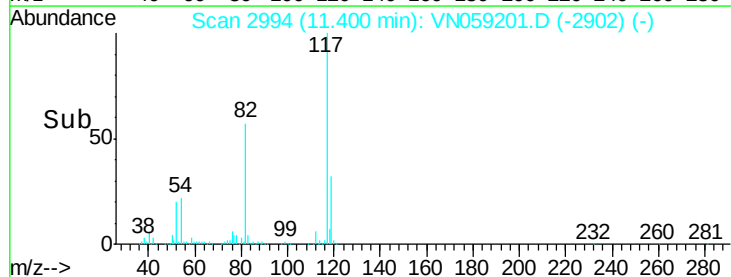
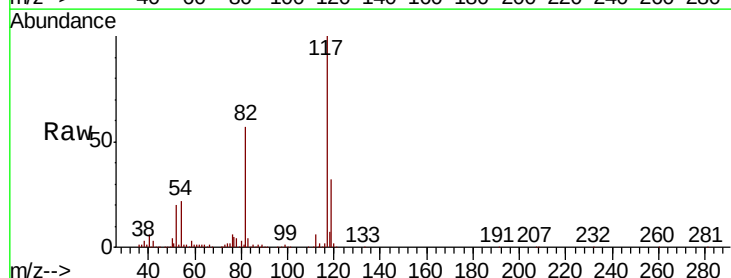
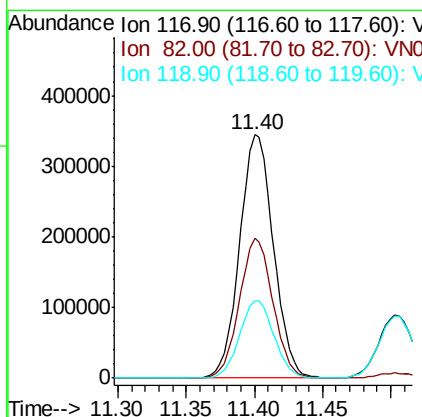
RT: 11.40 min Scan# 2994

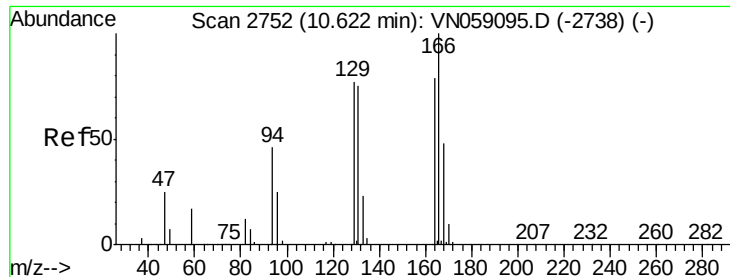
Delta R.T. -0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Tgt Ion:	117	Resp:	592565
Ion Ratio	Lower	Upper	
117	100		
82	57.2	45.8	68.8
119	31.8	25.8	38.6





#64

Tetrachloroethene

Concen: 100.412 ug/l

RT: 10.62 min Scan# 2752

Delta R.T. 0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Instrument :

MSVOA_N

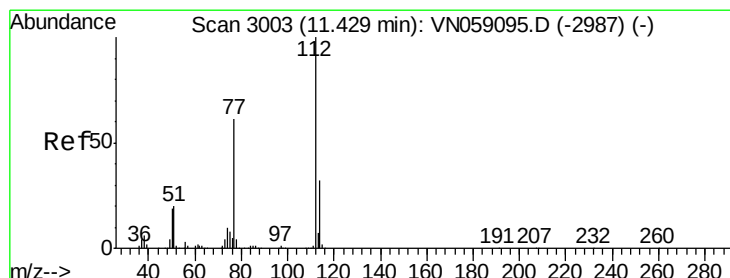
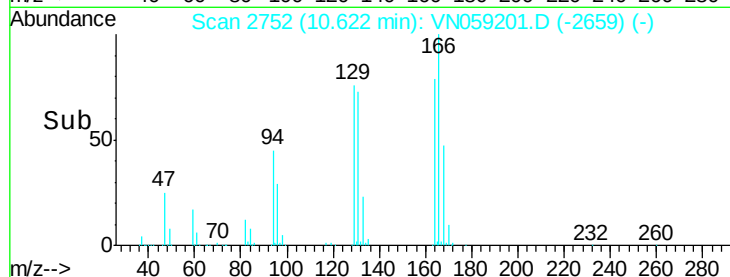
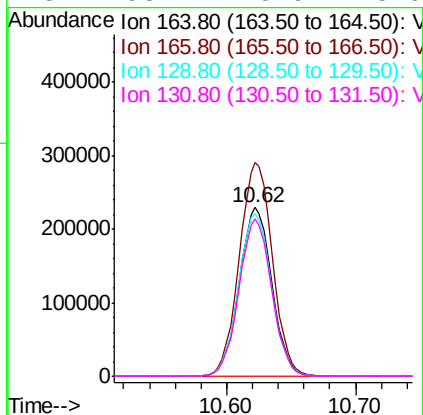
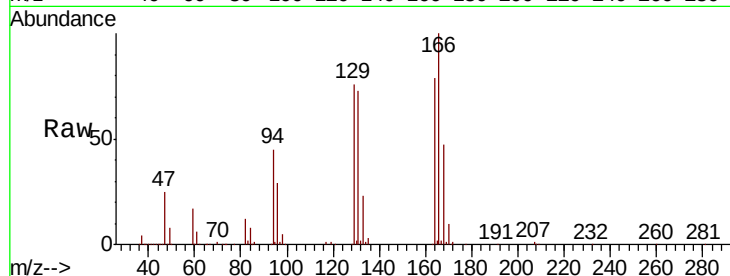
ClientSampleId :

MW-305-SRI4MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.8	101.5	152.3
129	96.6	78.3	117.5
131	93.2	75.9	113.9

Manual Integrations
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#65

Chlorobenzene

Concen: 52.007 ug/l

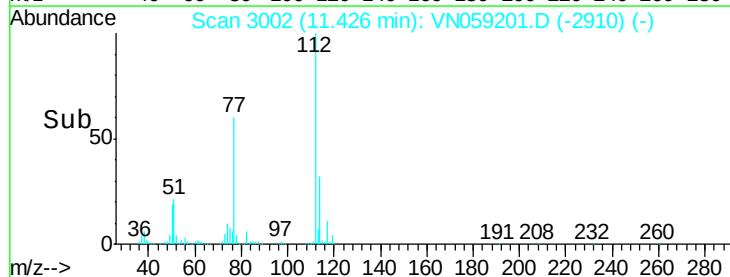
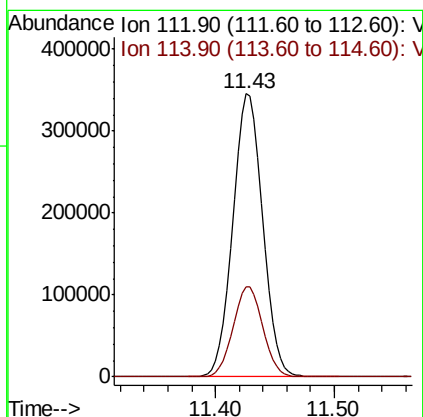
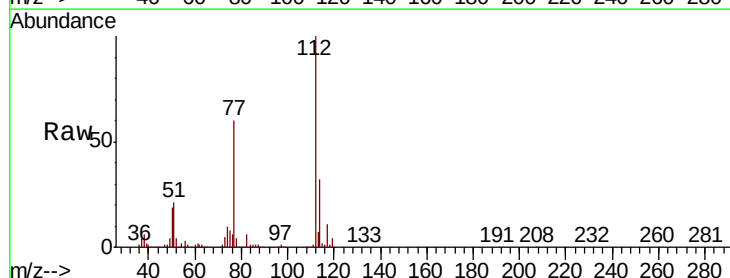
RT: 11.43 min Scan# 3002

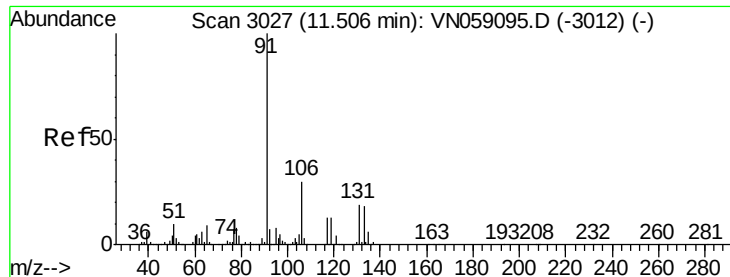
Delta R.T. -0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.2	37.8





#66

1,1,1,2-Tetrachloroethane

Concen: 52.708 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Instrument :

MSVOA_N

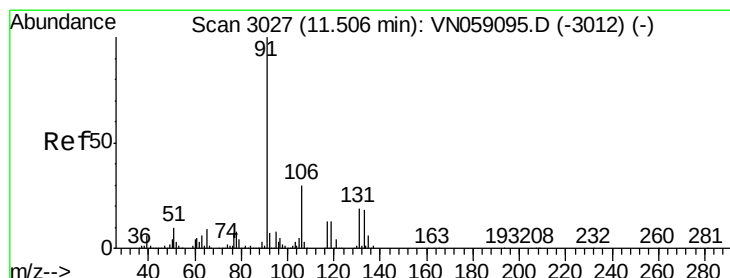
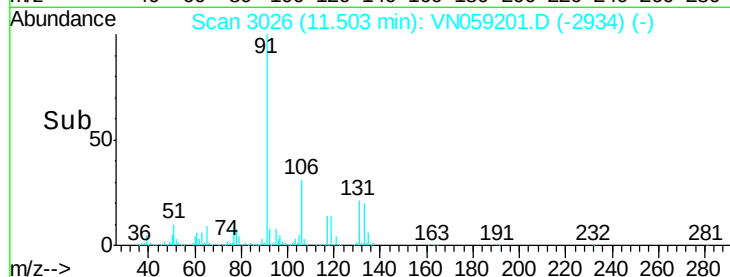
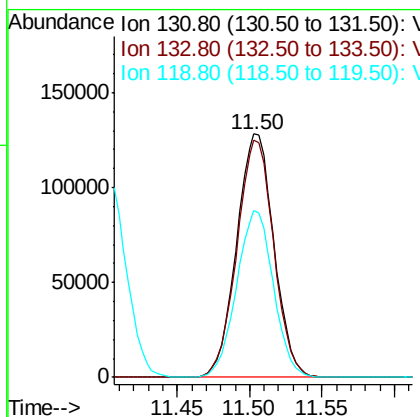
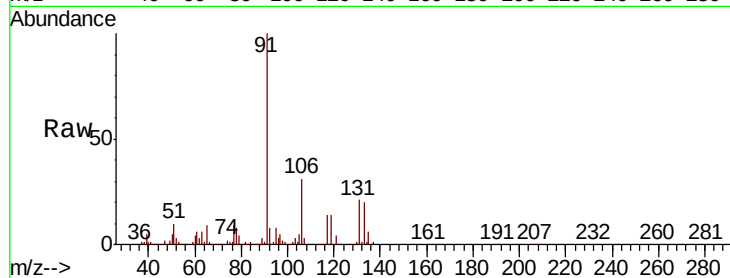
ClientSampleId :

MW-305-SRI4MS

Tot Ion:	131	Resp:	228393
Ion Ratio	Lower	Upper	
131	100		
133	96.6	47.4	142.3
119	67.4	33.2	99.6

Manual Integrations
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#67

Ethyl Benzene

Concen: 53.249 ug/l

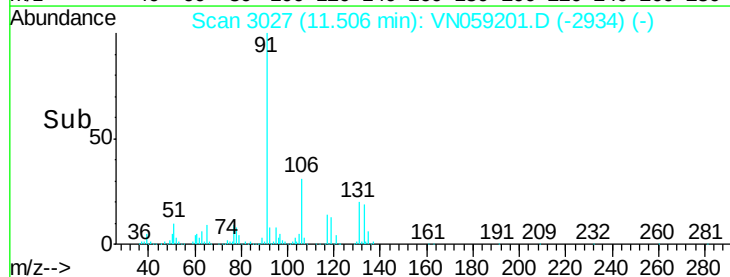
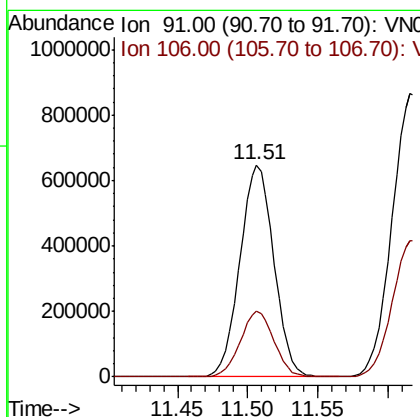
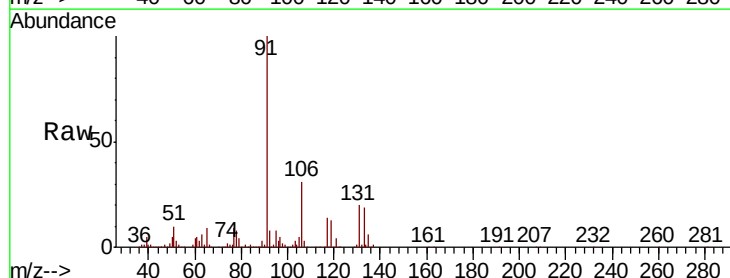
RT: 11.51 min Scan# 3027

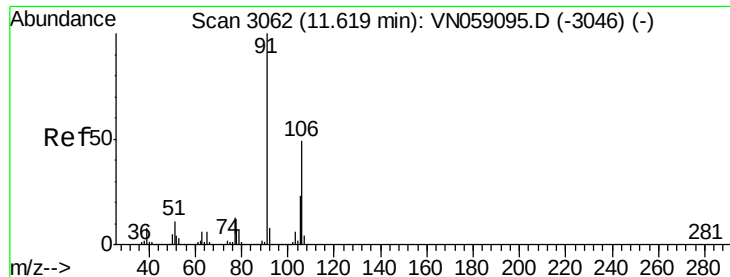
Delta R.T. -0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Tgt Ion:	91	Resp:	1091337
Ion Ratio	Lower	Upper	
91	100		
106	31.1	24.1	36.1





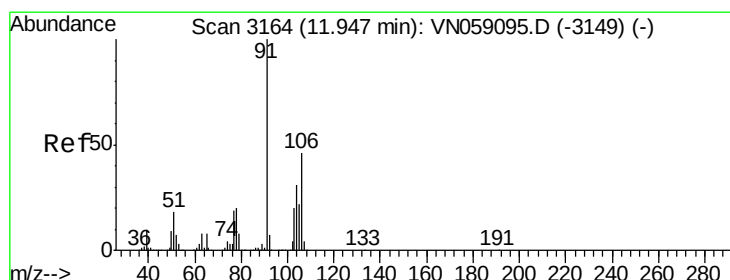
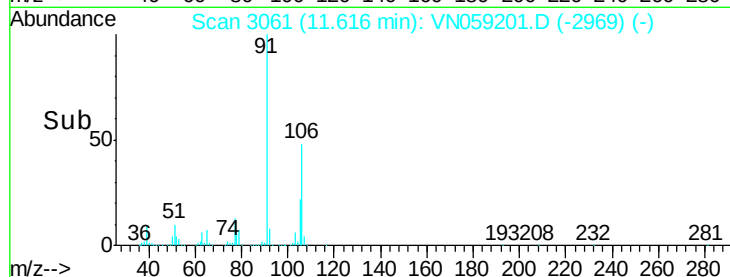
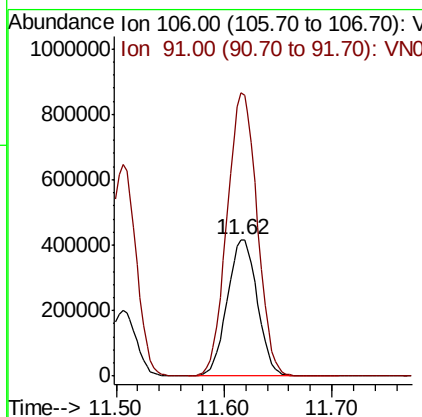
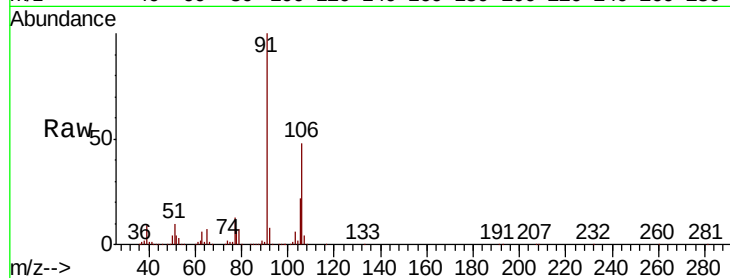
#68
m/p-Xylenes
Concen: 105.479 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN059201.D
Acq: 12 Nov 2019 19:10

Instrument :
MSVOA_N
ClientSampleId :
MW-305-SRI4MS

Tot Ion:106 Resp: 809771
Ion Ratio Lower Upper
106 100
91 207.9 164.7 247.1

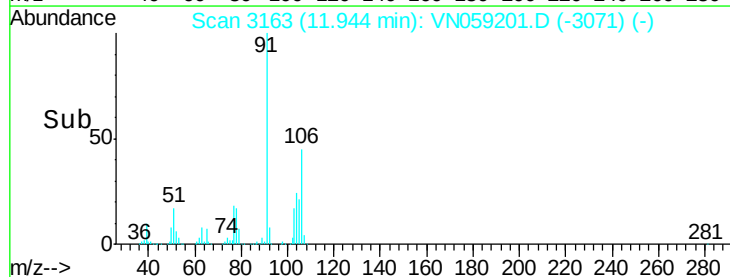
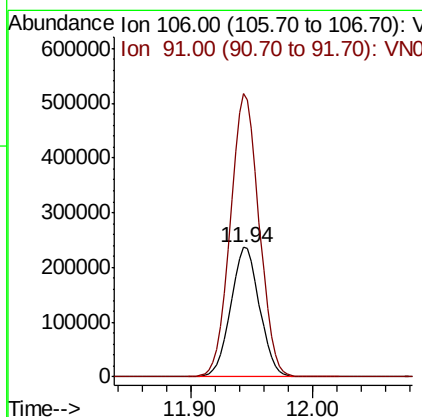
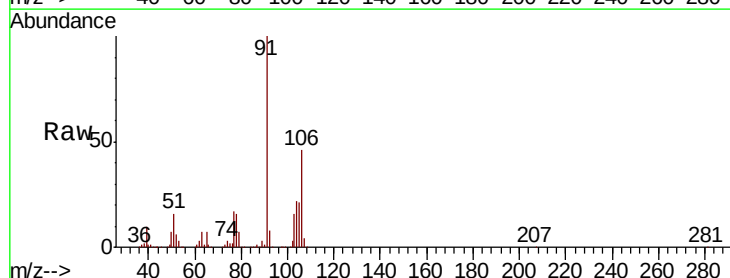
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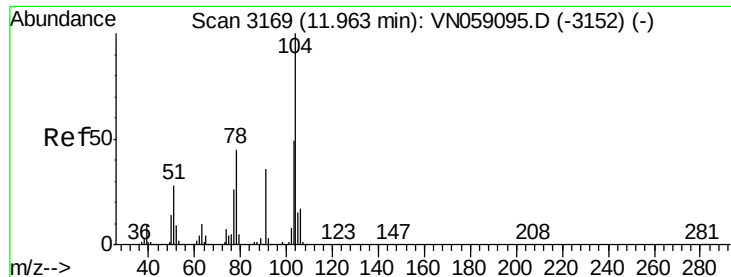
MMDadoda
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#69
o-Xylene
Concen: 52.734 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059201.D
Acq: 12 Nov 2019 19:10

Tgt Ion:106 Resp: 391242
Ion Ratio Lower Upper
106 100
91 217.5 110.1 330.3





#70

Stvrene

Concen: 54.851 ug/l

RT: 11.96 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Instrument :

MSVOA_N

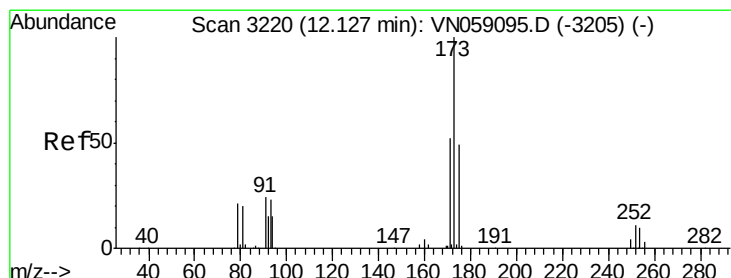
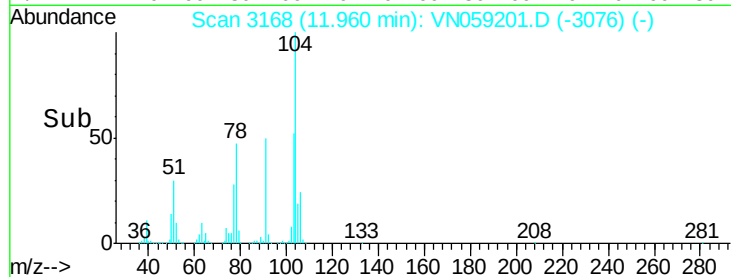
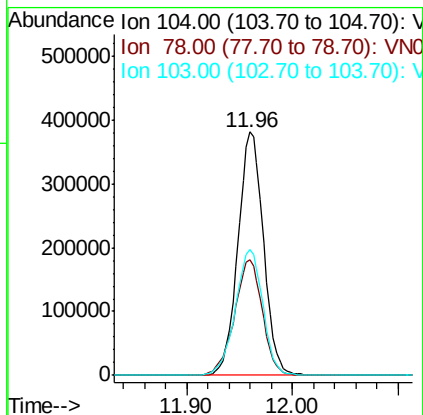
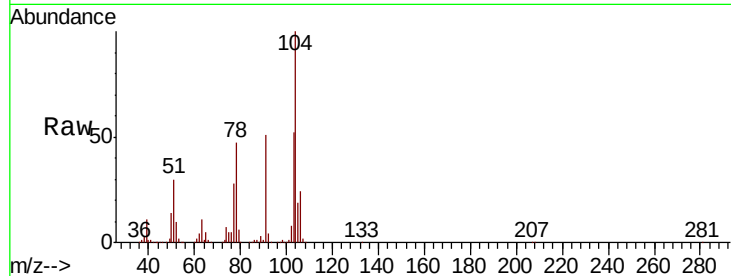
ClientSampleId :

MW-305-SRI4MS

Tot Ion:	104	Resp:	640024
Ion Ratio	Lower	Upper	
104	100		
78	51.8	41.2	61.8
103	55.7	43.8	65.6

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#71

Bromoform

Concen: 54.428 ug/l

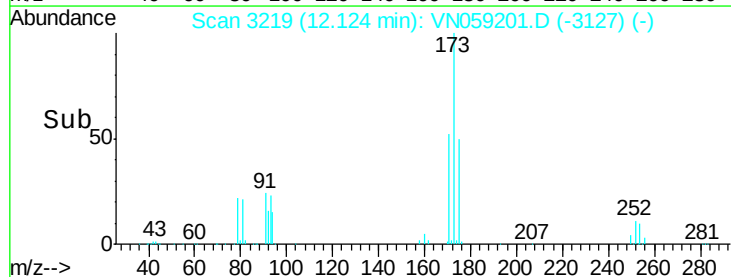
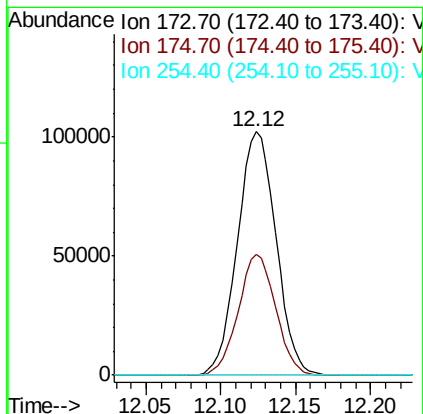
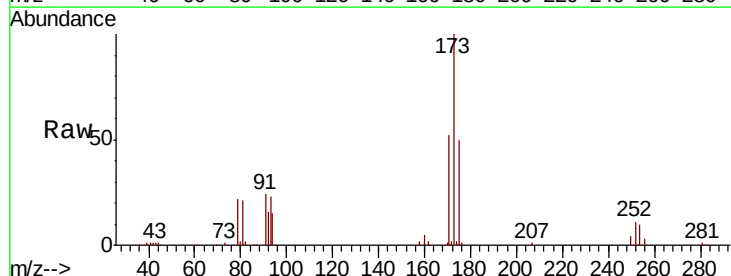
RT: 12.12 min Scan# 3219

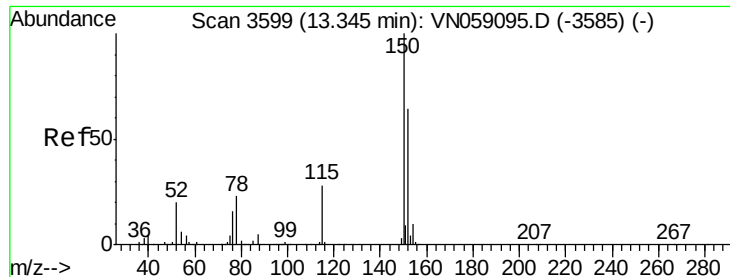
Delta R.T. -0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Tgt Ion:	173	Resp:	183450
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.2	72.6
254	0.0	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

MW-305-SRI4MS

Tot Ion:152 Resp: 288433

Ion Ratio Lower Upper

152 100

115 59.5 29.4 88.2

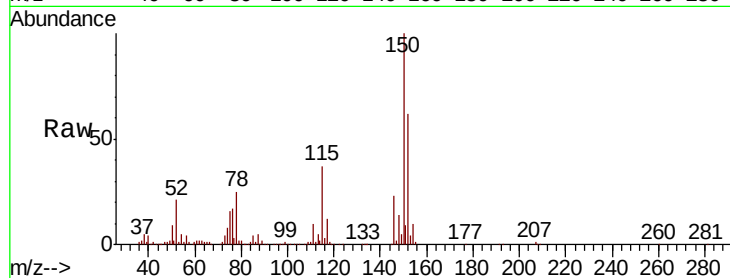
150 172.1 0.0 345.8

Manual Integrations

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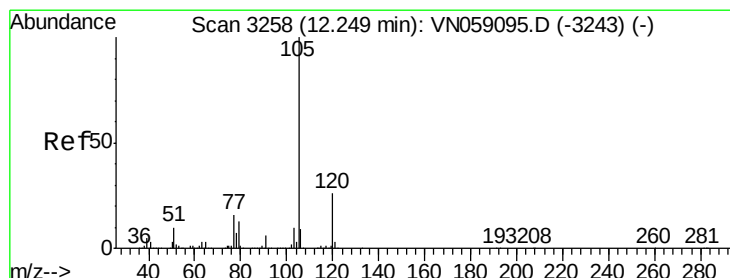
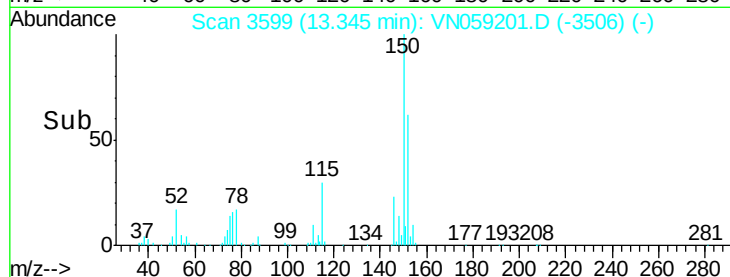
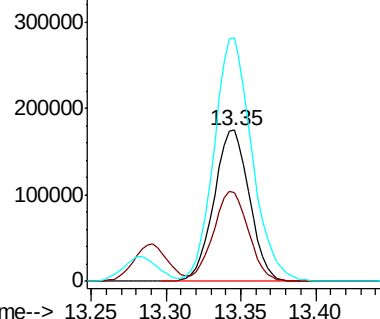
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 50.362 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN059201.D

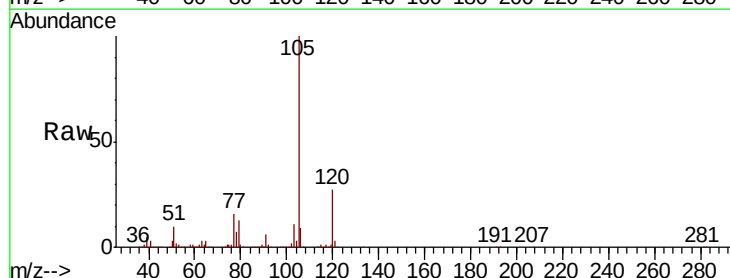
Acq: 12 Nov 2019 19:10

Tgt Ion:105 Resp: 1056631

Ion Ratio Lower Upper

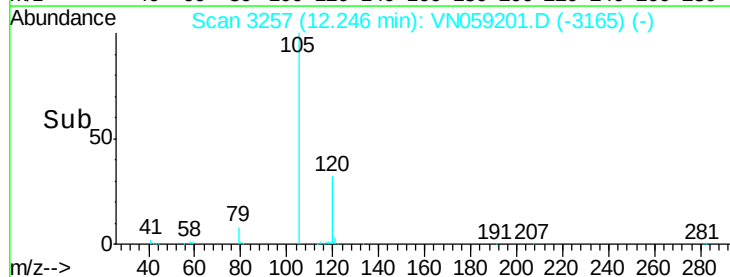
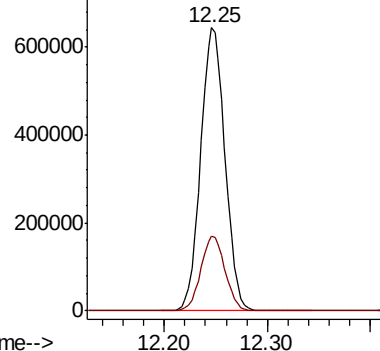
105 100

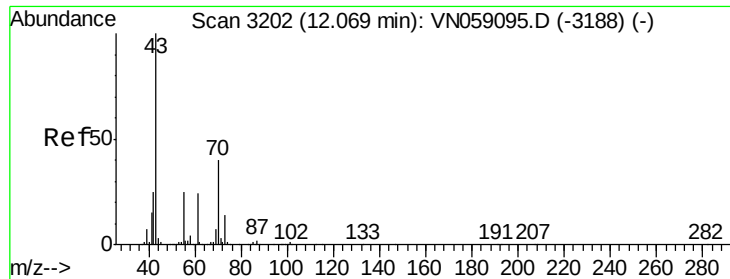
120 26.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 50.777 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Instrument :

MSVOA_N

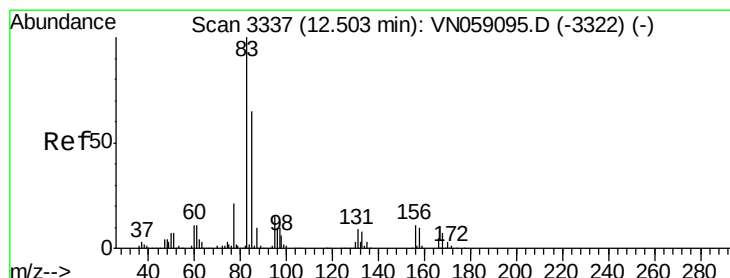
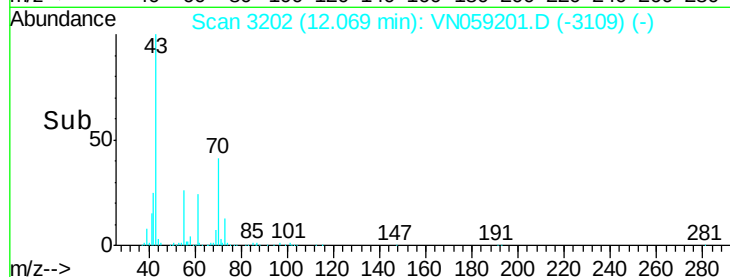
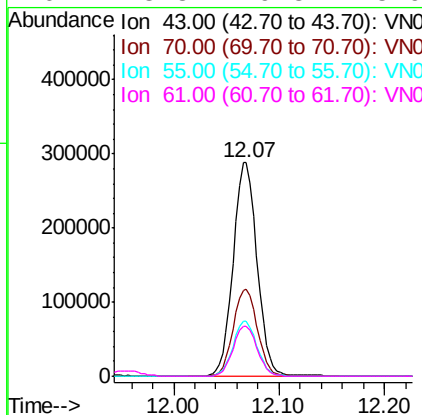
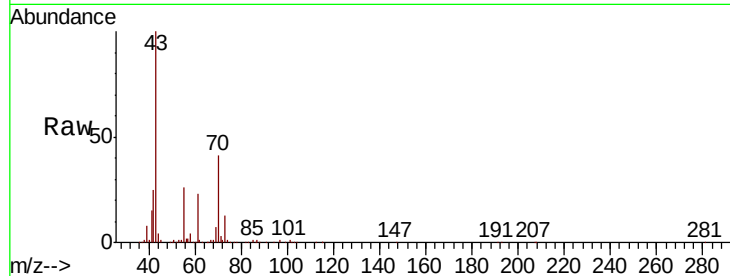
ClientSampleId :

MW-305-SRI4MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
70	41.5	32.2	48.4		
55	26.1	20.4	30.6		
61	23.8	19.3	28.9		

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#75

1,1,2,2-Tetrachloroethane

Concen: 50.891 ug/l

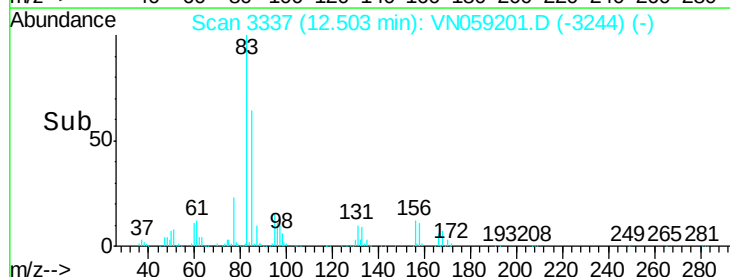
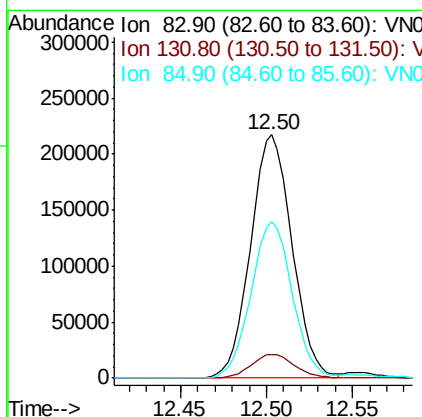
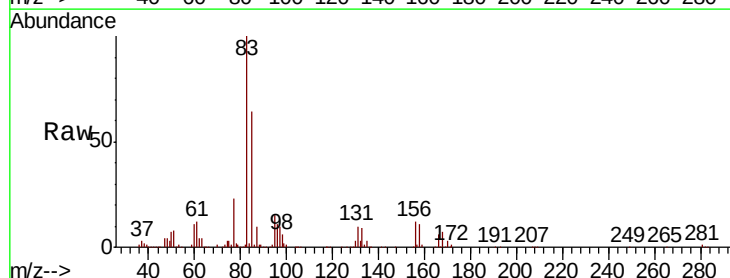
RT: 12.50 min Scan# 3337

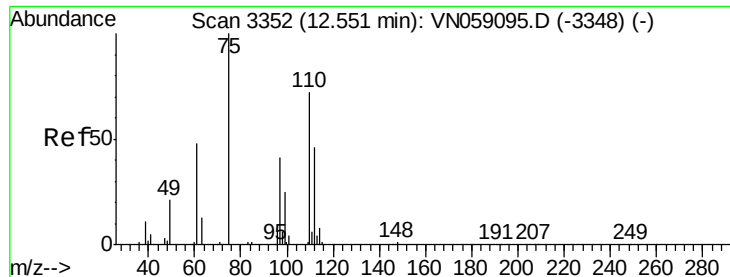
Delta R.T. 0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
131	10.0	4.9	14.6		
85	63.8	32.4	97.2		





#76

1,2,3-Trichloropropane

Concen: 49.960 ug/l m

RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

MW-305-SRI4MS

Tot Ion: 75 Resp: 328071

Ion Ratio Lower Upper

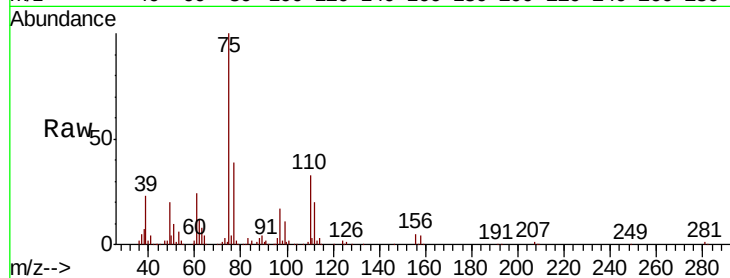
75 100

77 0.0 0.0 0.0

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Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

300000

250000

200000

150000

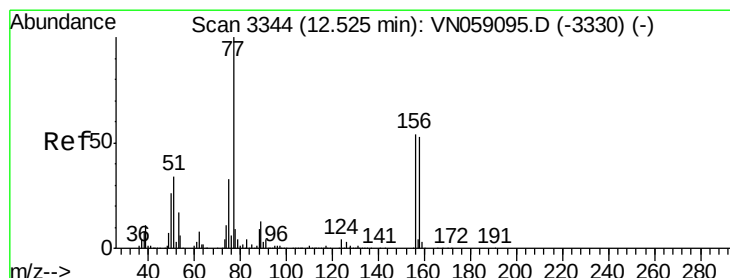
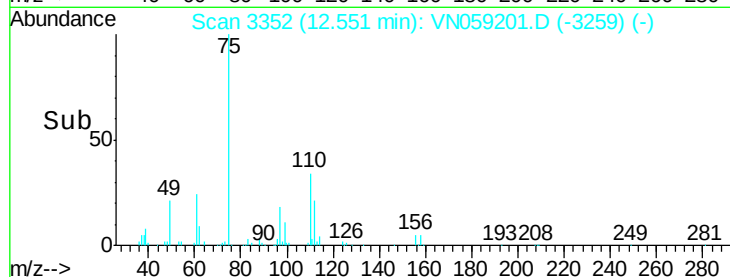
100000

50000

0

12.55

Time-->



#77

Bromobenzene

Concen: 48.785 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

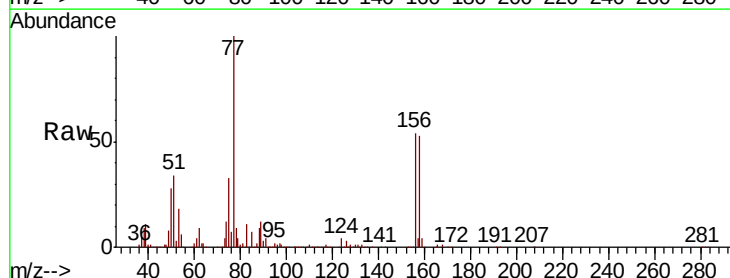
Tgt Ion: 156 Resp: 257160

Ion Ratio Lower Upper

156 100

77 225.7 112.8 338.3

158 98.1 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

300000

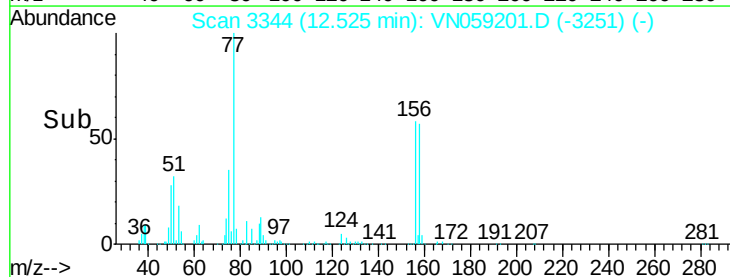
200000

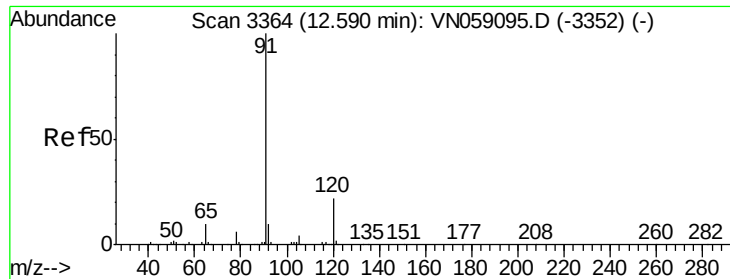
100000

0

12.53

Time-->





#78

n-propylbenzene

Concen: 51.513 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

MW-305-SRI4MS

Tot Ion: 91 Resp: 1237479

Ion Ratio Lower Upper

91 100

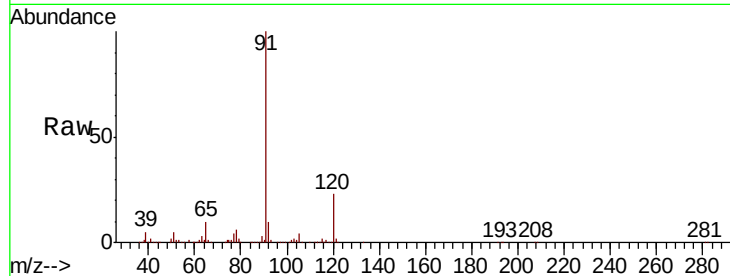
120 22.4 11.2 33.5

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

800000

600000

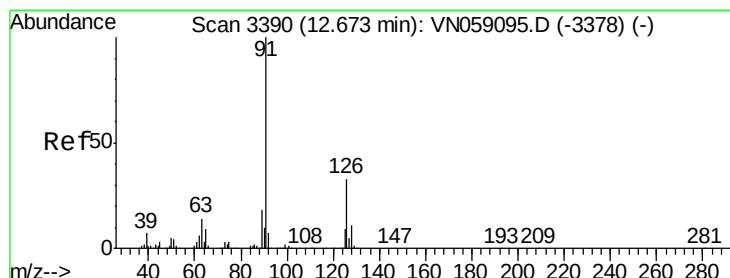
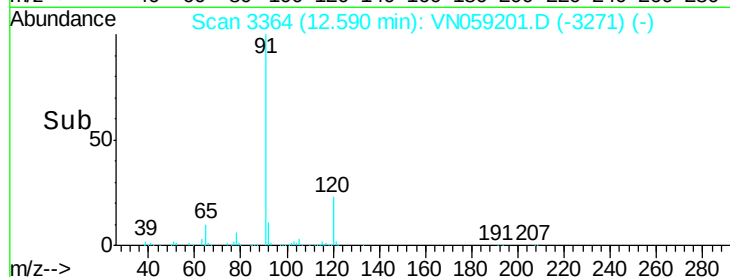
400000

200000

0

12.55 12.60 12.65

Time-->



#79

2-Chlorotoluene

Concen: 49.540 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN059201.D

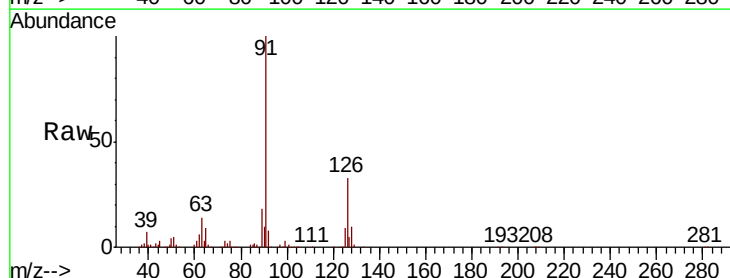
Acq: 12 Nov 2019 19:10

Tgt Ion: 91 Resp: 738271

Ion Ratio Lower Upper

91 100

126 32.8 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

600000

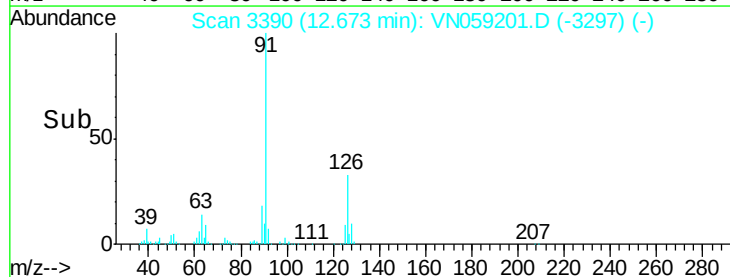
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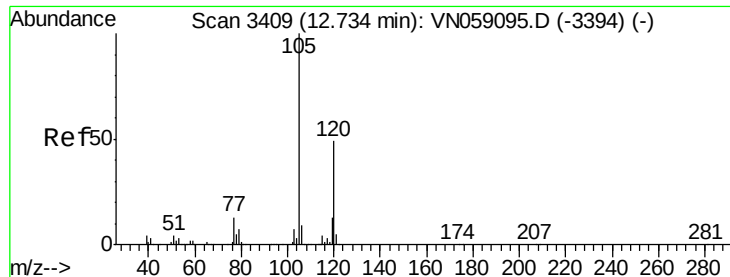
200000

0

12.60 12.65 12.70

Time-->





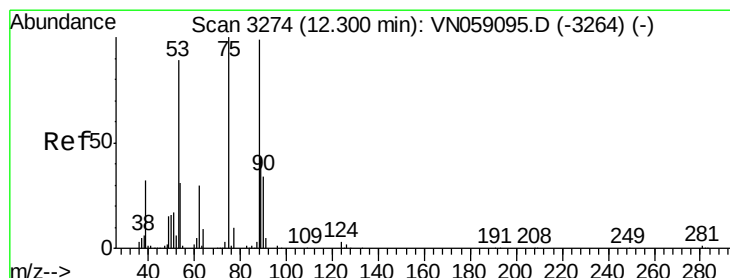
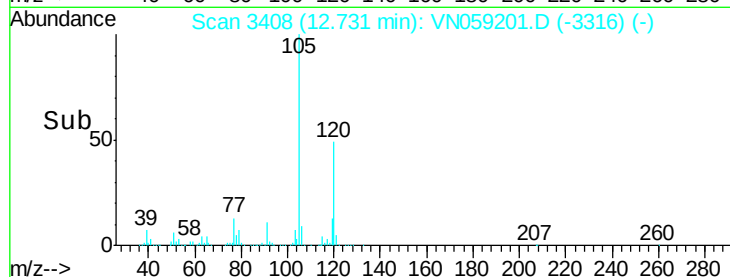
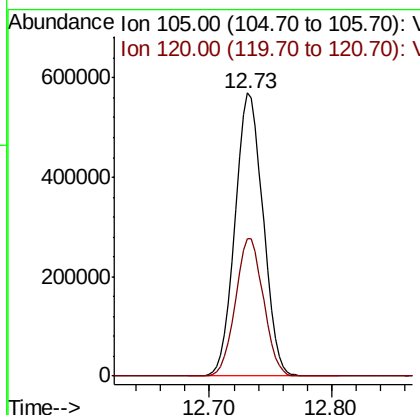
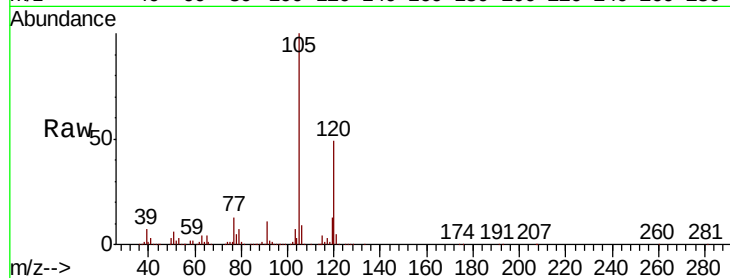
#80
 1,3,5-Trimethylbenzene
 Concen: 50.868 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN059201.D
 Acq: 12 Nov 2019 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-305-SRI4MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.5	24.0	72.0

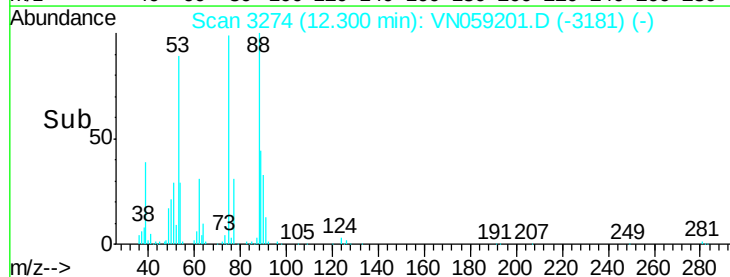
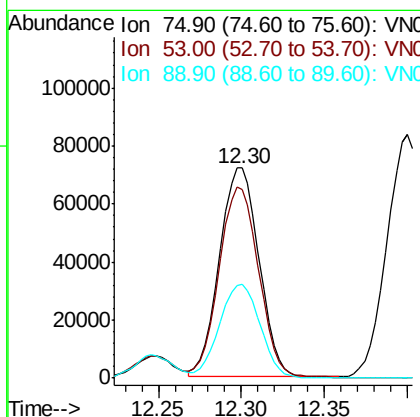
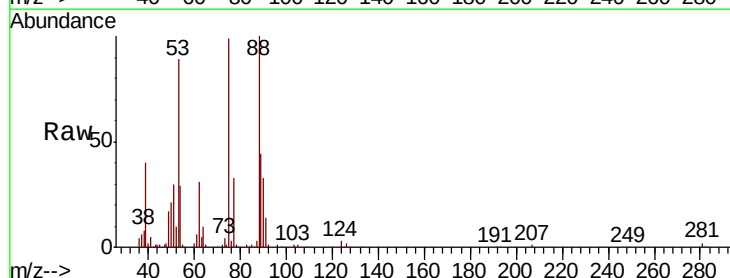
Manual Integrations
 APPROVED

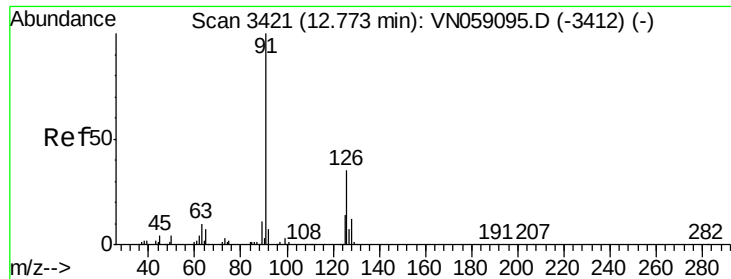
MMDadoda
 11/13/2019 12:07:26 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.103 ug/l
 RT: 12.30 min Scan# 3274
 Delta R.T. -0.00 min
 Lab File: VN059201.D
 Acq: 12 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
75	100		
53	92.4	72.2	108.2
89	46.3	35.8	53.8





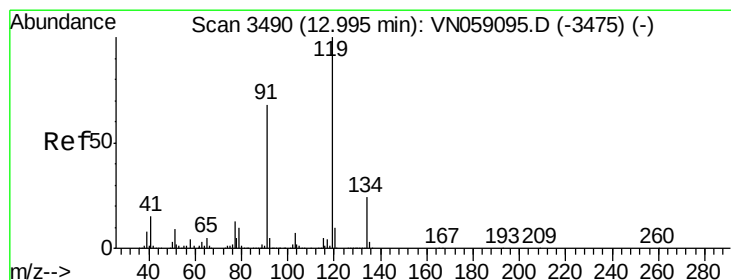
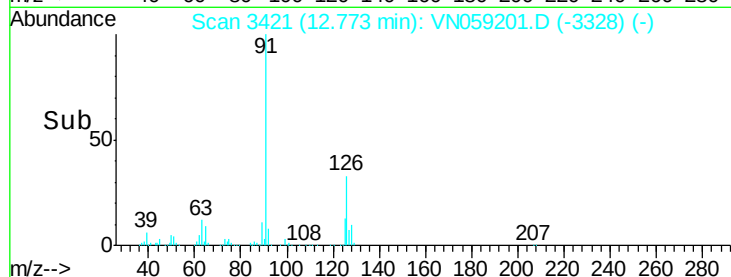
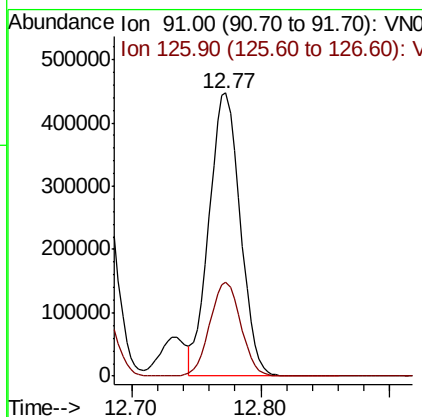
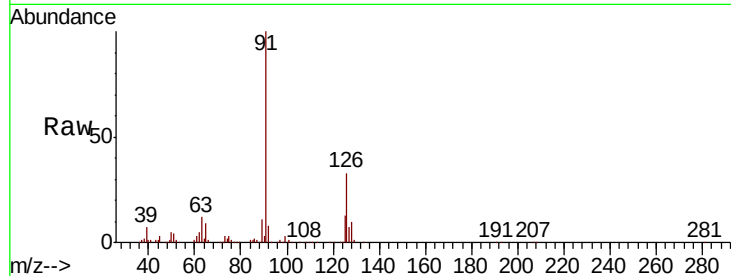
#82
4-Chlorotoluene
Concen: 50.119 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059201.D
Acq: 12 Nov 2019 19:10

Instrument :
MSVOA_N
ClientSampleId :
MW-305-SRI4MS

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.1	48.2

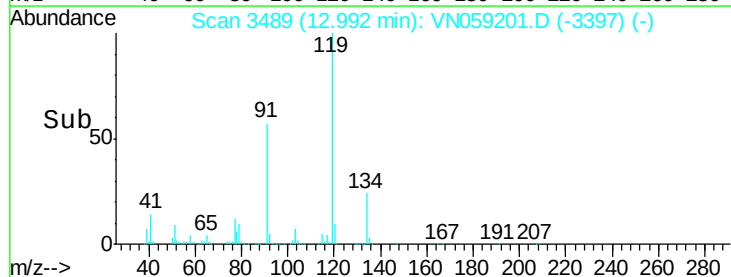
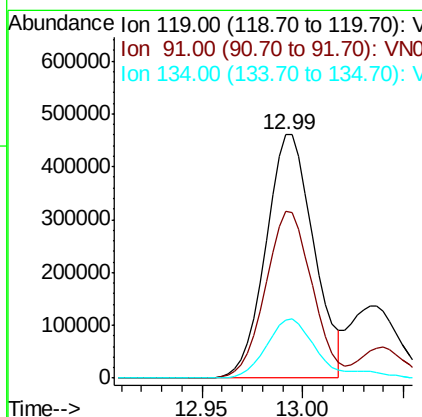
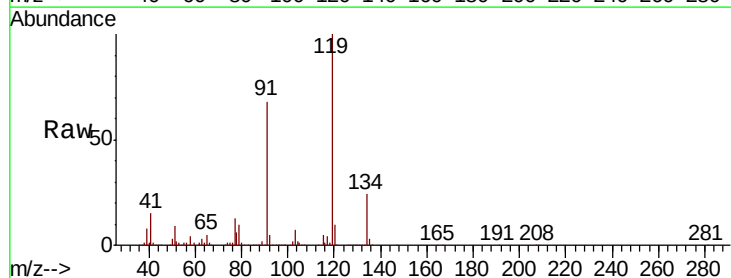
Manual Integrations
APPROVED

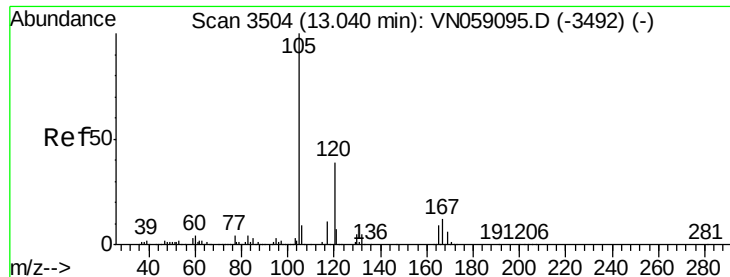
MMDadoda
11/13/2019 12:07:26 PM



#83
tert-Butylbenzene
Concen: 49.406 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN059201.D
Acq: 12 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
119	100		
91	66.9	33.2	99.6
134	24.4	12.7	38.1





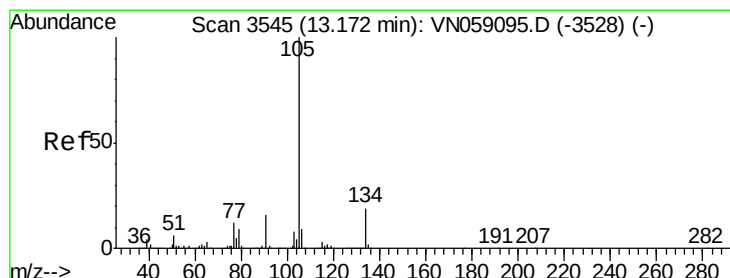
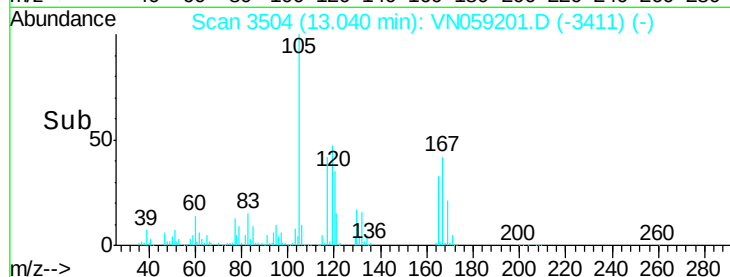
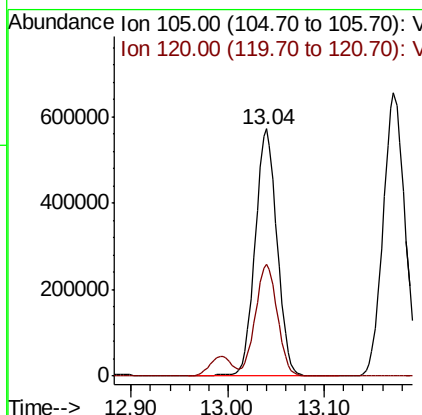
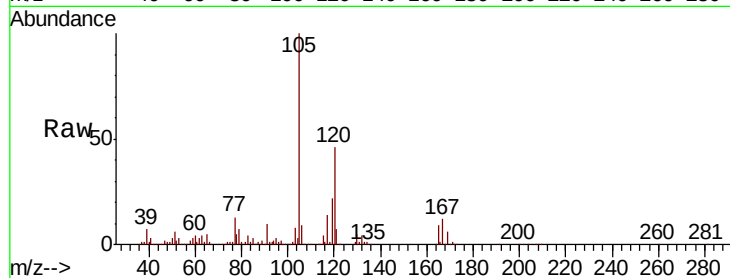
#84
 1,2,4-Trimethylbenzene
 Concen: 52.376 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN059201.D
 Acq: 12 Nov 2019 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-305-SRI4MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.8	68.4

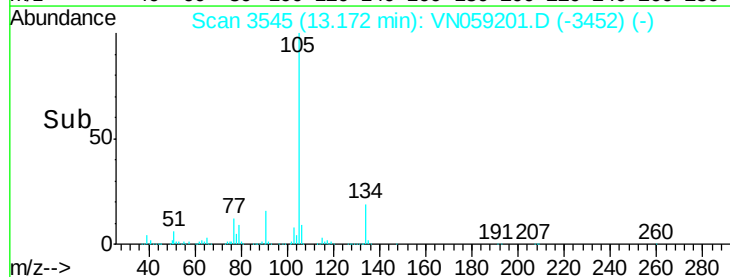
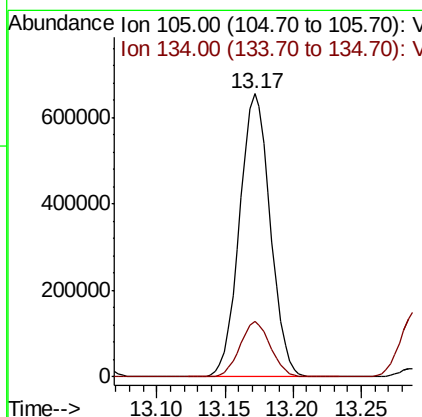
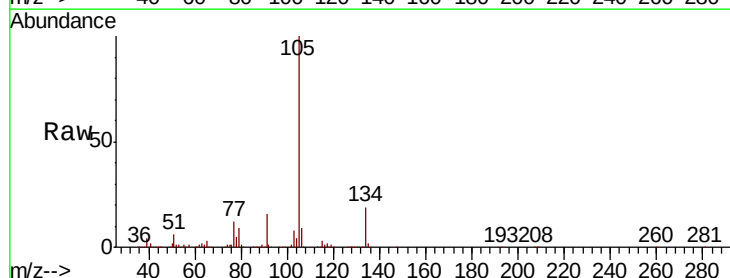
Manual Integrations
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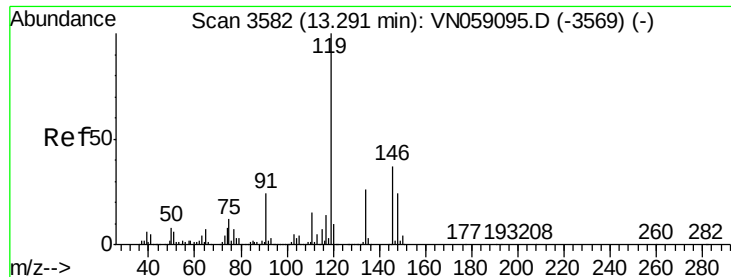
MMDadoda
 11/13/2019 12:07:26 PM



#85
 sec-Butylbenzene
 Concen: 51.297 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN059201.D
 Acq: 12 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.7	29.1





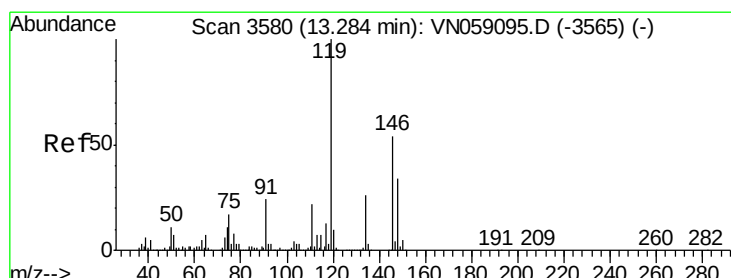
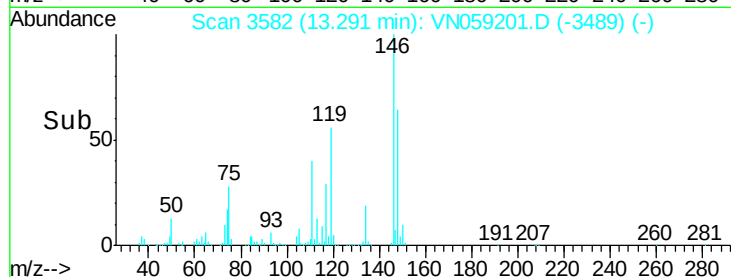
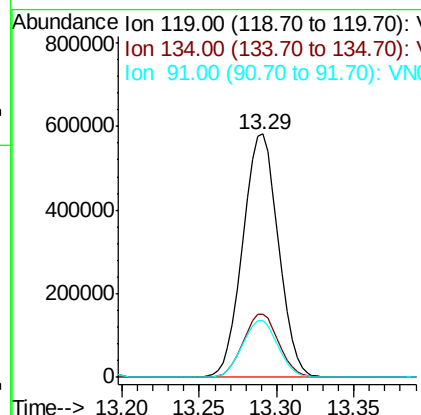
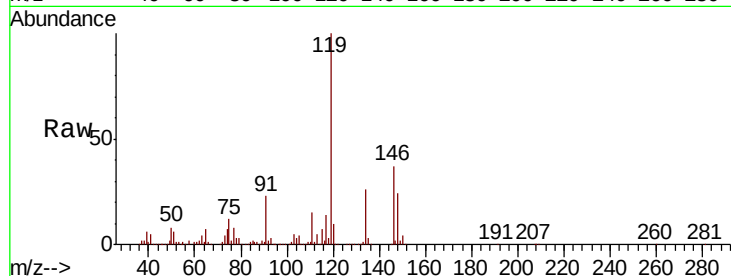
#86
 p-Isopropyltoluene
 Concen: 52.681 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN059201.D
 Acq: 12 Nov 2019 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-305-SRI4MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.0	38.9
91	23.3	11.7	35.1

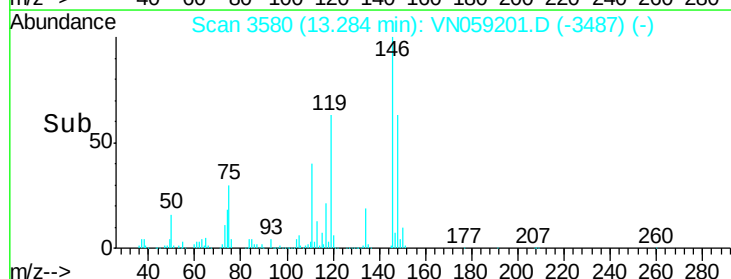
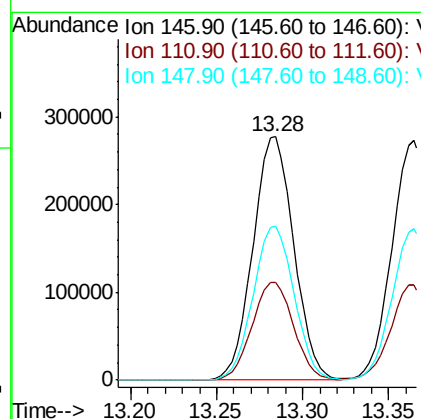
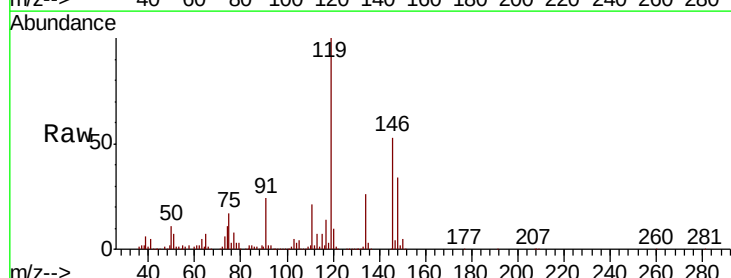
Manual Integrations
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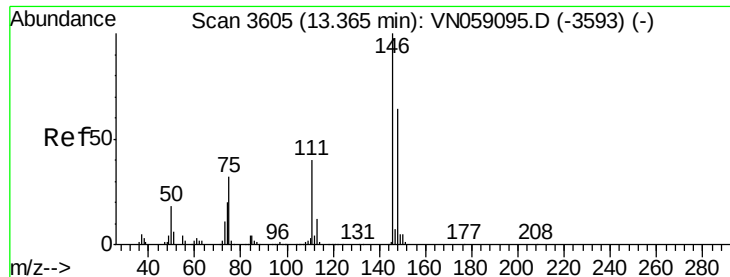
MMDadoda
 11/13/2019 12:07:26 PM



#87
 1,3-Dichlorobenzene
 Concen: 50.758 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN059201.D
 Acq: 12 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.4	61.3
148	63.4	32.2	96.6





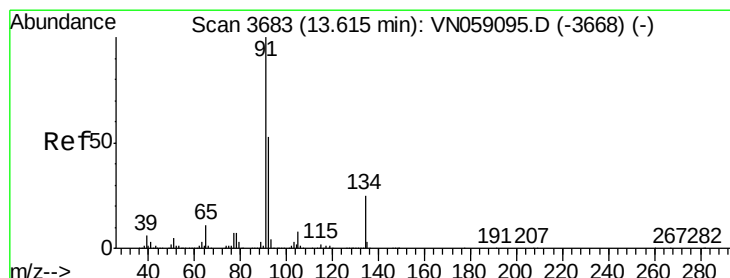
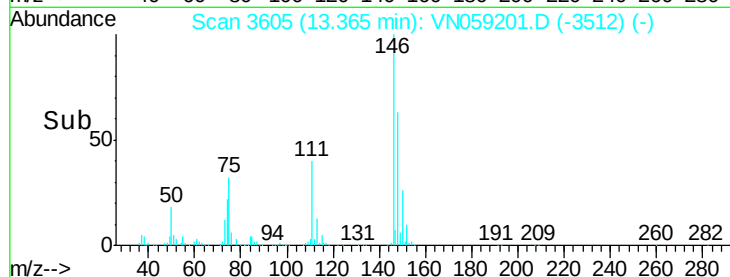
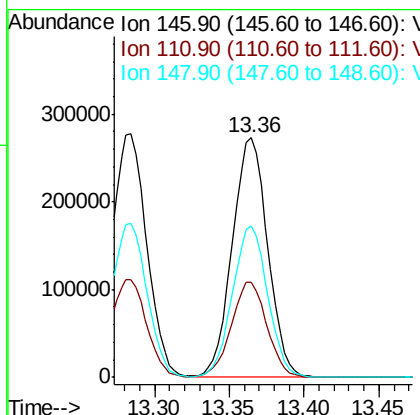
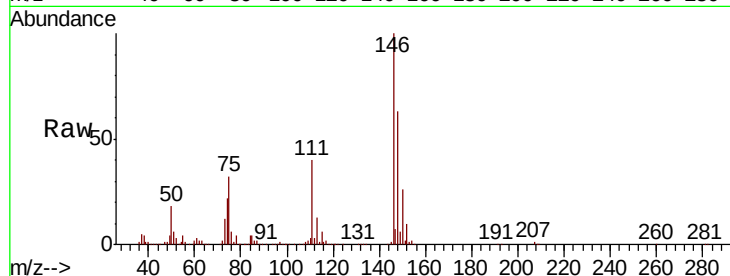
#88
 1,4-Dichlorobenzene
 Concen: 49.744 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN059201.D
 Acq: 12 Nov 2019 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-305-SRI4MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.3	60.9
148	63.0	31.9	95.7

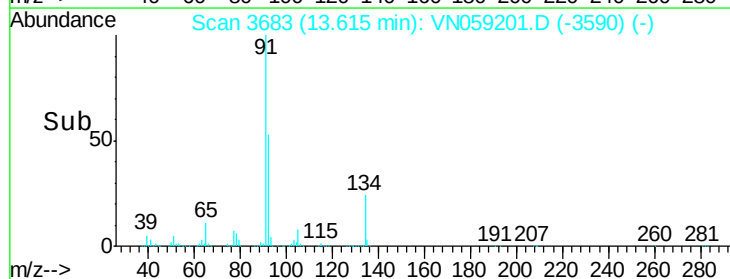
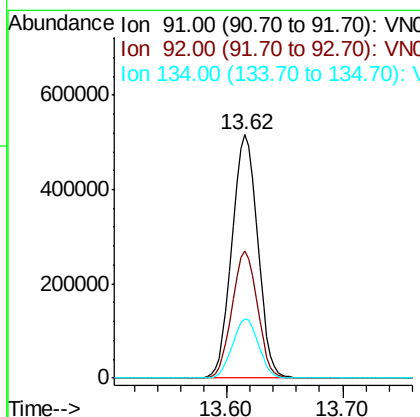
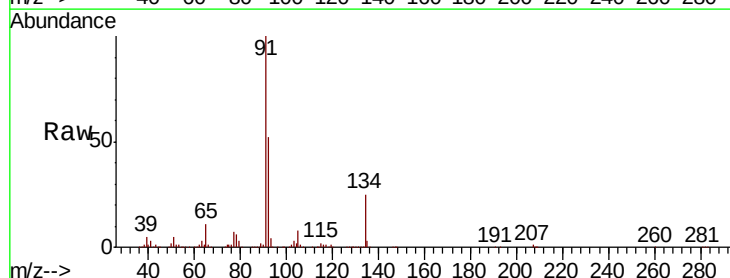
Manual Integrations
 APPROVED

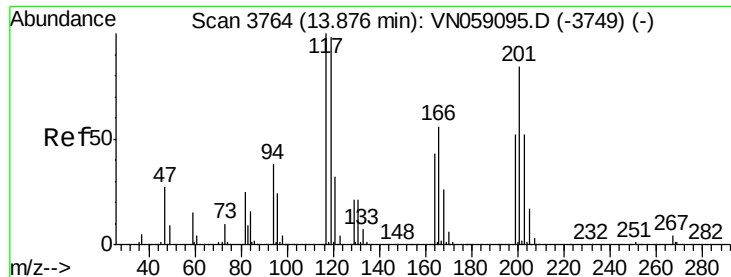
MMDadoda
 11/13/2019 12:07:26 PM



#89
 n-Butylbenzene
 Concen: 51.207 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN059201.D
 Acq: 12 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.1	78.3
134	24.6	12.6	37.8





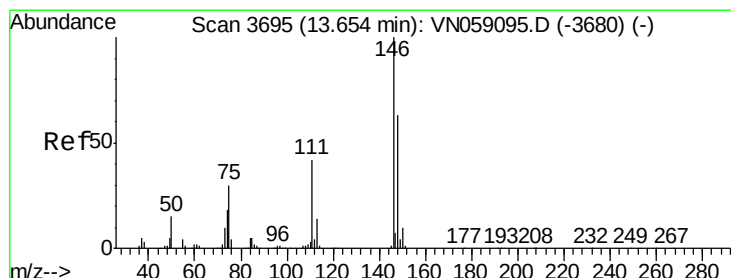
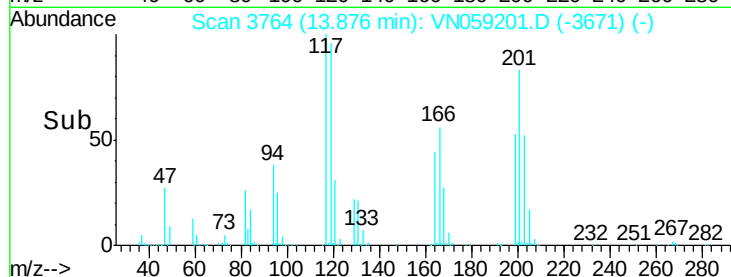
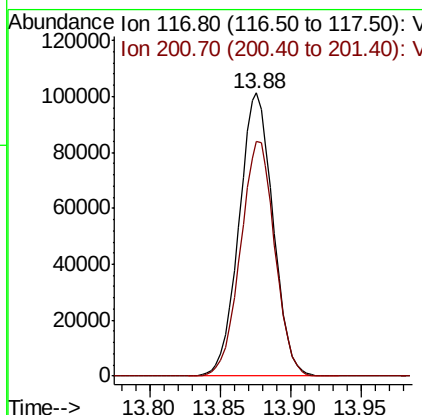
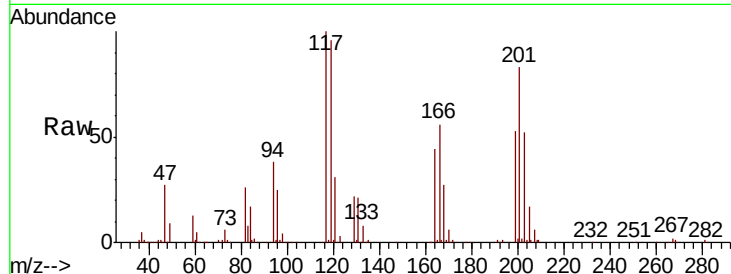
#90
Hexachloroethane
Concen: 48.315 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059201.D
Acq: 12 Nov 2019 19:10

Instrument :
MSVOA_N
ClientSampleId :
MW-305-SRI4MS

Tot Ion	Ratio	Lower	Upper
117	100		
201	83.5	41.8	125.3

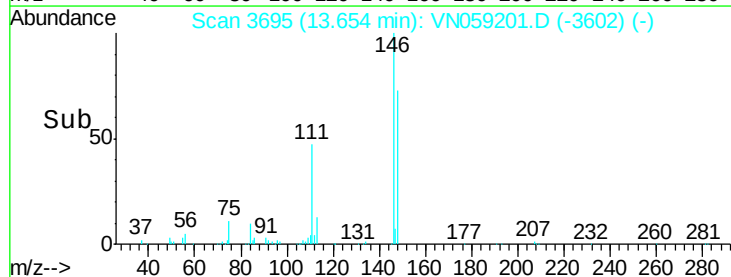
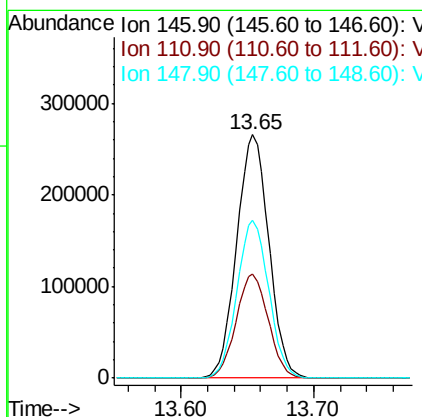
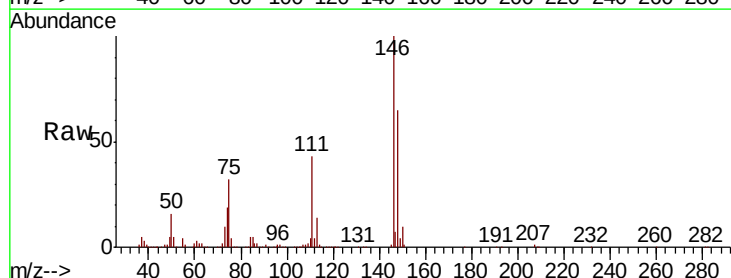
Manual Integrations
APPROVED

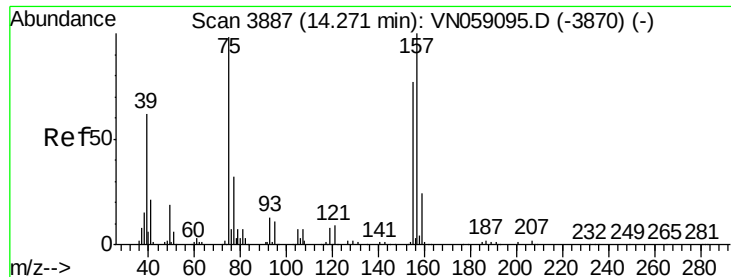
MMDadoda
11/13/2019 12:07:26 PM



#91
1,2-Dichlorobenzene
Concen: 50.497 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN059201.D
Acq: 12 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.2	63.6
148	64.2	31.6	94.7





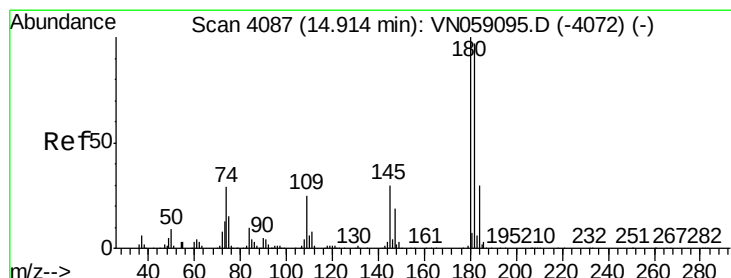
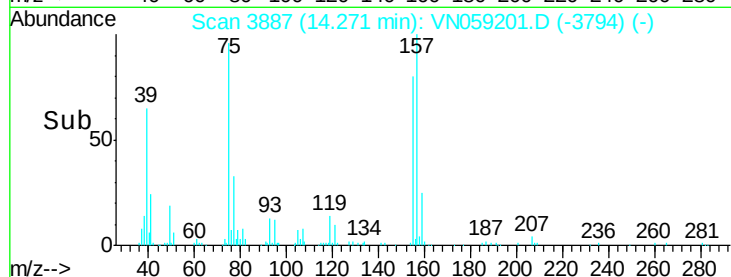
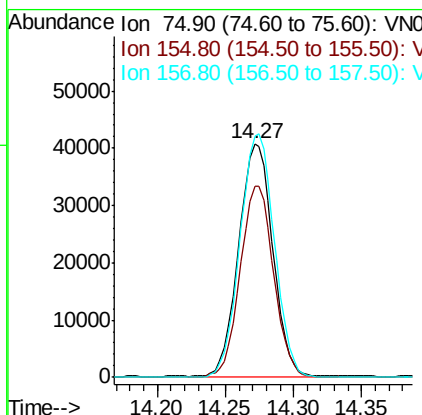
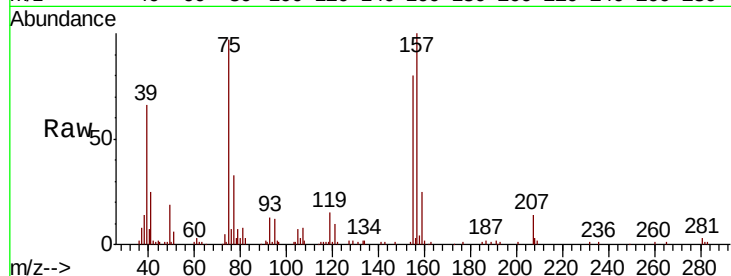
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.393 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN059201.D
 Acq: 12 Nov 2019 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-305-SRI4MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	80.9	40.2	120.6
157	105.5	51.8	155.5

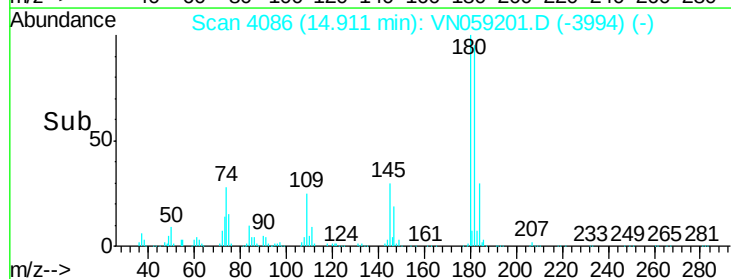
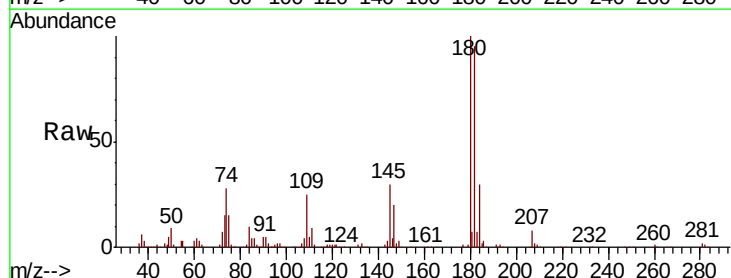
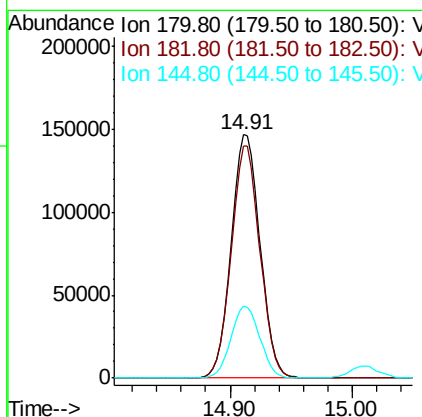
Manual Integrations
 APPROVED

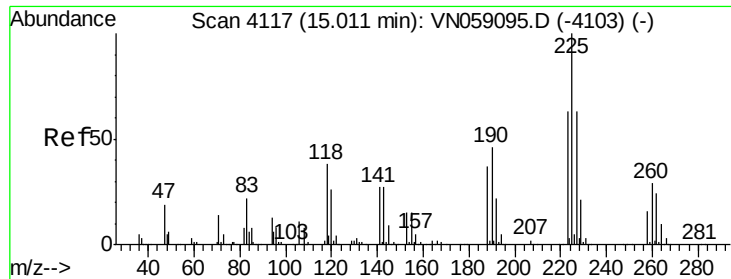
MMDadoda
 11/13/2019 12:07:26 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 45.171 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN059201.D
 Acq: 12 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.1	144.3
145	29.9	15.1	45.3





#94

Hexachlorobutadiene

Concen: 46.510 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. -0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Instrument :

MSVOA_N

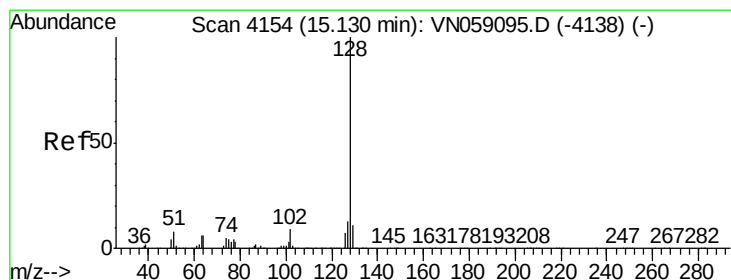
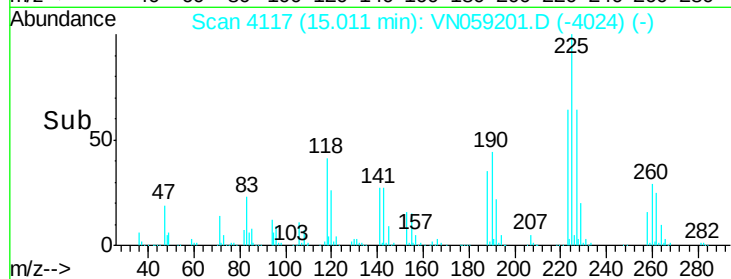
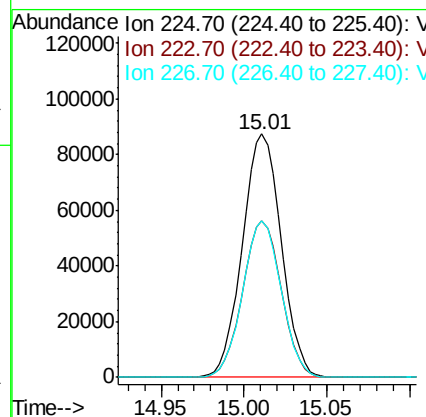
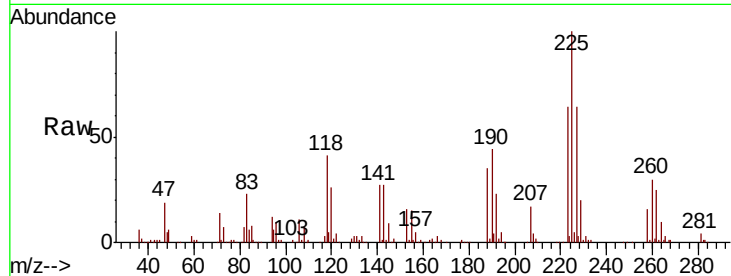
ClientSampleId :

MW-305-SRI4MS

Tot Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.3	93.9
227	63.6	31.5	94.5

Manual Integrations
APPROVED

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11/13/2019 12:07:26 PM



#95

Naphthalene

Concen: 44.477 ug/l

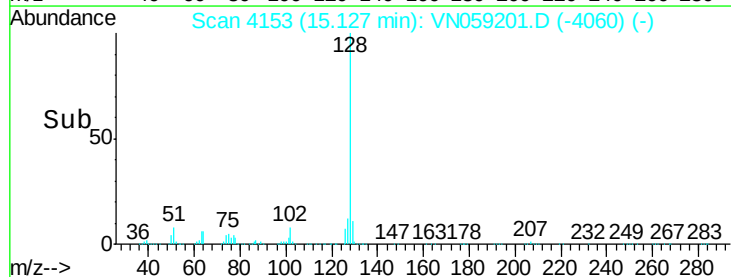
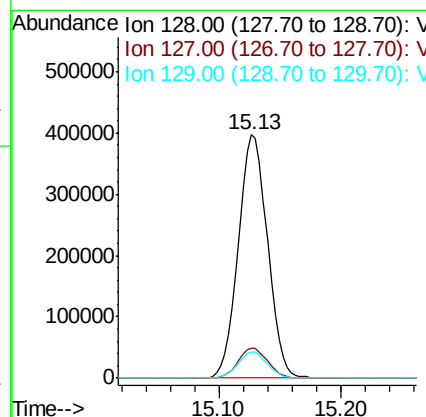
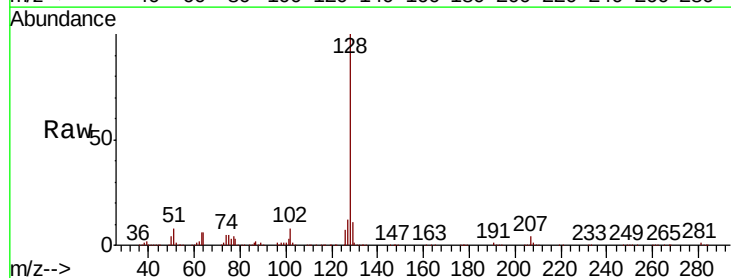
RT: 15.13 min Scan# 4153

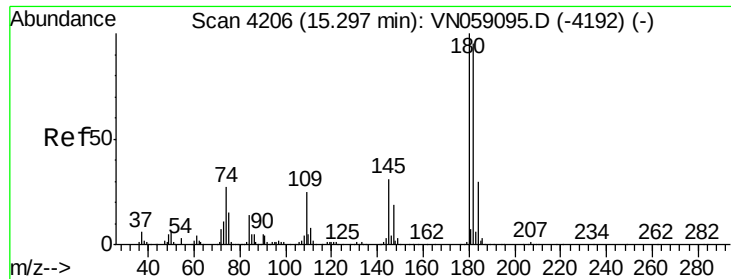
Delta R.T. -0.00 min

Lab File: VN059201.D

Acq: 12 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	10.8	8.6	12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 47.907 ug/l
 RT: 15.30 min Scan# 4206
 Delta R.T. 0.00 min
 Lab File: VN059201.D
 Acq: 12 Nov 2019 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-305-SRI4MS

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.1	47.3	141.8
145	32.0	15.8	47.3

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 12:07:26 PM

