

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061319\
 Data File : VN056296.D
 Acq On : 13 Jun 2019 21:05
 Operator : JC/SP
 Sample : K3345-09MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5_061219MS

Manual Integrations
 APPROVED

MMDadoda
 6/14/2019 9:36:46 AM

Quant Time: Jun 14 02:33:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	314614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	485562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	432982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	183496	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	184011	58.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.82%	
35) Dibromofluoromethane	7.59	113	164743	55.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.60%	
50) Toluene-d8	10.09	98	598977	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.40	95	201733	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	167038	48.340	ug/l	100
3) Chloromethane	2.06	50	179456	52.620	ug/l	98
4) Vinyl Chloride	2.18	62	182690	53.403	ug/l	98
5) Bromomethane	2.53	94	82291	38.080	ug/l	100
6) Chloroethane	2.68	64	106456	53.672	ug/l	99
7) Trichlorofluoromethane	3.00	101	232206	53.170	ug/l	99
8) Diethyl Ether	3.40	74	94142	52.419	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	144657	54.528	ug/l	98
10) Methyl Iodide	3.94	142	137924	32.715	ug/l	100
11) Tert butyl alcohol	4.82	59	154501	284.209	ug/l	100
12) 1,1-Dichloroethene	3.72	96	142490	53.950	ug/l	98
13) Acrolein	3.60	56	36131	230.451	ug/l	97
14) Allyl chloride	4.31	41	233279	55.936	ug/l	97
15) Acrylonitrile	4.99	53	434349	328.227	ug/l	99
16) Acetone	3.82	43	355425	237.895	ug/l	99
17) Carbon Disulfide	4.04	76	310366	49.079	ug/l	100
18) Methyl Acetate	4.33	43	177094	60.465	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	479306	56.933	ug/l	94
20) Methylene Chloride	4.54	84	172983	56.198	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	148522	52.484	ug/l	97
22) Diisopropyl ether	5.96	45	499863	57.982	ug/l	98
23) Vinyl Acetate	5.90	43	1727242	254.415	ug/l	100
24) 1,1-Dichloroethane	5.84	63	290846	58.486	ug/l	99
25) 2-Butanone	6.84	43	568982	301.420	ug/l	98
26) 2,2-Dichloropropane	6.82	77	144666	37.281	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	181362	54.521	ug/l	98
28) Bromochloromethane	7.19	49	143801	61.147	ug/l	94
29) Tetrahydrofuran	7.22	42	383132	328.348	ug/l	98
30) Chloroform	7.37	83	292118	58.393	ug/l	100
31) Cyclohexane	7.65	56	256073	51.660	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	236002	56.494	ug/l	98
36) 1,1-Dichloropropene	7.79	75	203840	48.822	ug/l	99
37) Ethyl Acetate	6.94	43	194871	52.457	ug/l	98
38) Carbon Tetrachloride	7.77	117	199846	51.918	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	250034	48.074	ug/l	100
40) Benzene	8.04	78	658590	51.936	ug/l	100
41) Methacrylonitrile	7.18	41	115405	67.520	ug/l	97
42) 1,2-Dichloroethane	8.12	62	217631	53.354	ug/l	100
43) Isopropyl Acetate	8.17	43	314911	52.312	ug/l #	92
44) Trichloroethene	8.83	130	179944	49.383	ug/l	100
45) 1,2-Dichloropropane	9.12	63	182068	56.053	ug/l	100
46) Dibromomethane	9.21	93	116441	54.821	ug/l	97
47) Bromodichloromethane	9.40	83	222225	57.727	ug/l	99
48) Methyl methacrylate	9.20	41	176099	59.794	ug/l	97
49) 1,4-Dioxane	9.20	88	70761	1112.932	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1136920	302.010	ug/l	99
52) Toluene	10.16	92	407063	51.587	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	210791	46.862	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	245120	52.973	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	174453	55.813	ug/l	98
56) Ethyl methacrylate	10.43	69	258028	56.585	ug/l	99
57) 1,3-Dichloropropane	10.71	76	285182	56.125	ug/l	99
59) 2-Hexanone	10.75	43	781891	286.572	ug/l	100
60) Dibromochloromethane	10.90	129	179377	51.934	ug/l	99
61) 1,2-Dibromoethane	11.00	107	178003	55.706	ug/l	98
64) Tetrachloroethene	10.63	164	160597	42.849	ug/l	99
65) Chlorobenzene	11.43	112	447028	51.876	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	166296	55.890	ug/l	99
67) Ethyl Benzene	11.51	91	1076258	71.827	ug/l	100
68) m/p-Xylenes	11.62	106	686641	119.958	ug/l	99
69) o-Xylene	11.95	106	284388	50.508	ug/l	99
70) Stvrene	11.96	104	476558	53.270	ug/l	100
71) Bromoform	12.13	173	132712	52.955	ug/l #	100
73) Isopropylbenzene	12.25	105	822582	63.546	ug/l	100
74) N-amyl acetate	12.07	43	234935	48.031	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	245628	57.663	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	212503m	62.938	ug/l	
77) Bromobenzene	12.53	156	201168	51.206	ug/l	99
78) n-propylbenzene	12.59	91	873913	56.296	ug/l	100
79) 2-Chlorotoluene	12.67	91	505801	59.168	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	643704	52.174	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	53168	52.440	ug/l	89
82) 4-Chlorotoluene	12.77	91	475226	52.326	ug/l	99
83) tert-Butylbenzene	12.99	119	546371	57.485	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	757259	64.725	ug/l	100
85) sec-Butylbenzene	13.17	105	706902	51.420	ug/l	100
86) p-Isopropyltoluene	13.29	119	620908	50.465	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	312287	51.360	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	297523	50.867	ug/l	99
89) n-Butylbenzene	13.61	91	462183	50.709	ug/l	99
90) Hexachloroethane	13.87	117	109821	59.187	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	312326	50.877	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	38662	63.456	ug/l	99
93) 1,2,4-Trichlorobenzene	14.91	180	134938	40.752	ug/l	99

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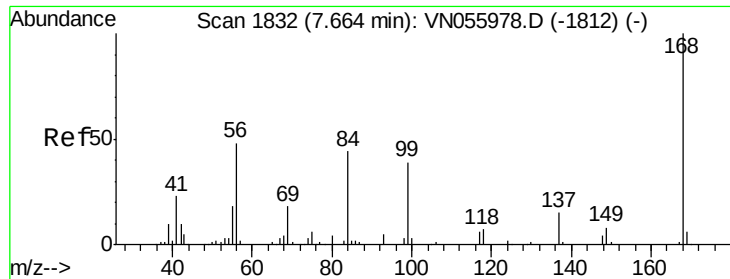
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	104179	49.457	ug/l	99
95) Naphthalene	15.13	128	437191	49.827	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	155647	45.441	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

MW-5_061219MS

Tot Ion:168 Resp: 314614

Ion Ratio Lower Upper

168 100

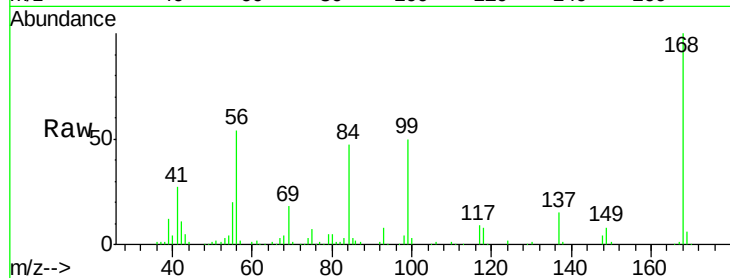
99 49.0 37.2 55.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

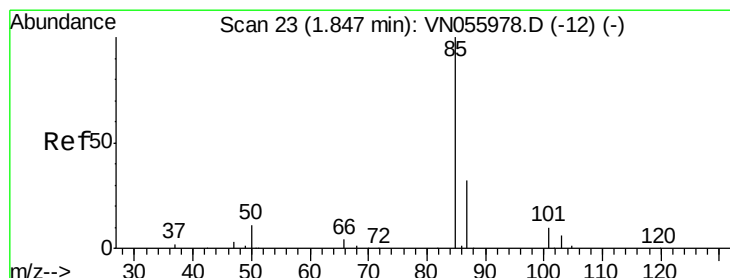
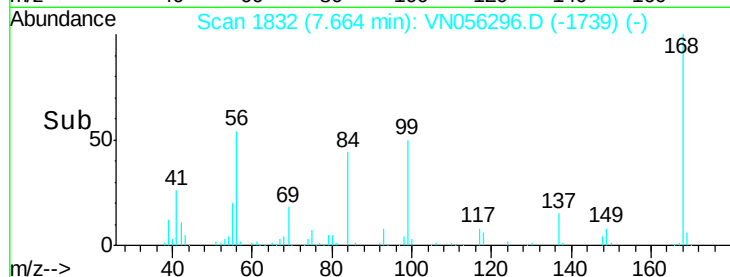
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#2

Dichlorodifluoromethane

Concen: 48.340 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056296.D

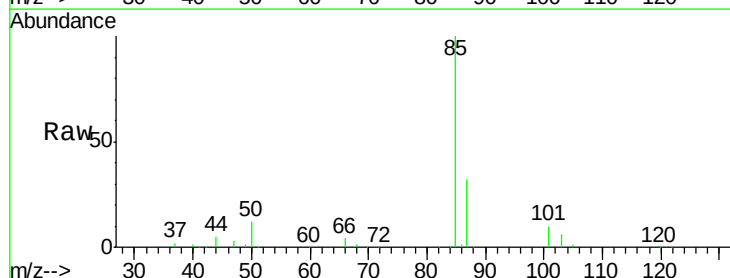
Acq: 13 Jun 2019 21:05

Tgt Ion: 85 Resp: 167038

Ion Ratio Lower Upper

85 100

87 32.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

120000

100000

80000

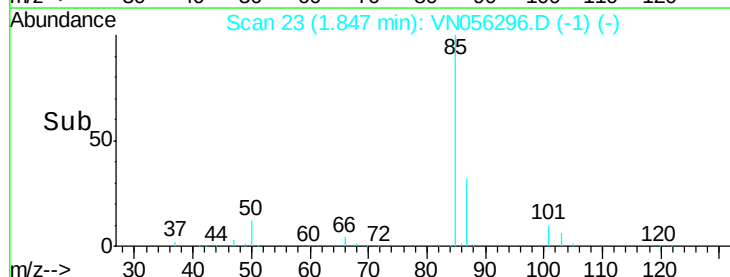
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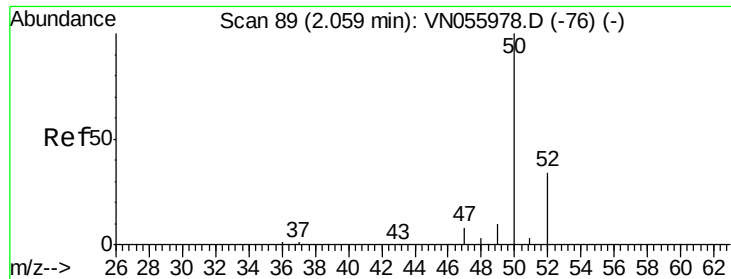
40000

20000

0

Time--> 1.80 1.90 2.00





#3

Chloromethane

Concen: 52.620 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

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ClientSampleId :

MW-5_061219MS

Tot Ion: 50 Resp: 179456

Ion Ratio Lower Upper

50 100

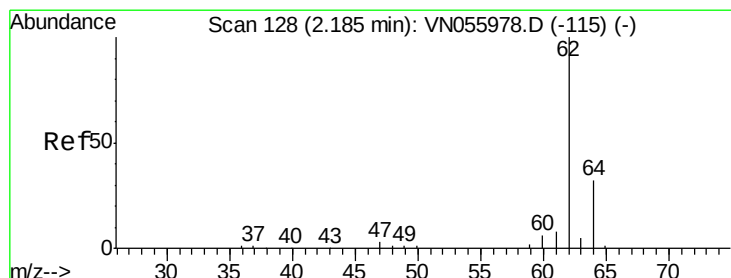
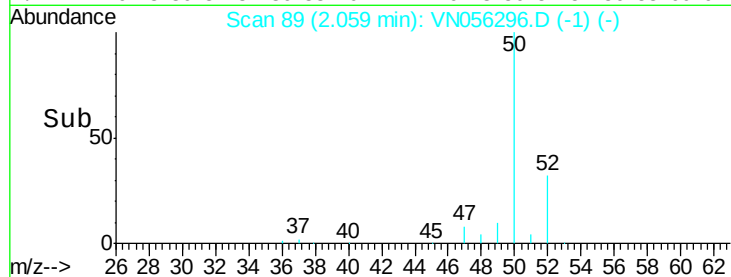
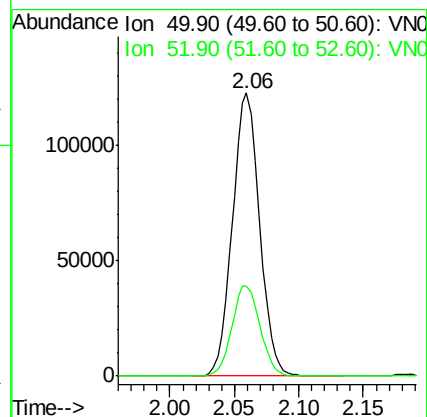
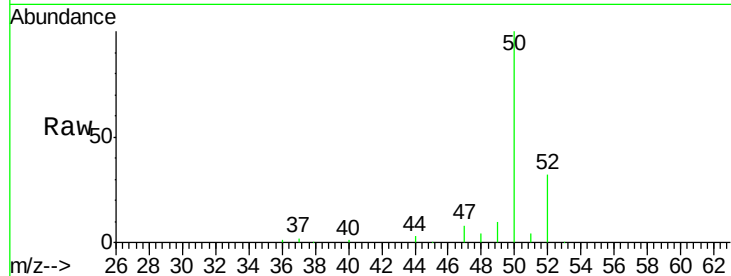
52 32.0 26.6 40.0

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#4

Vinyl Chloride

Concen: 53.403 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN056296.D

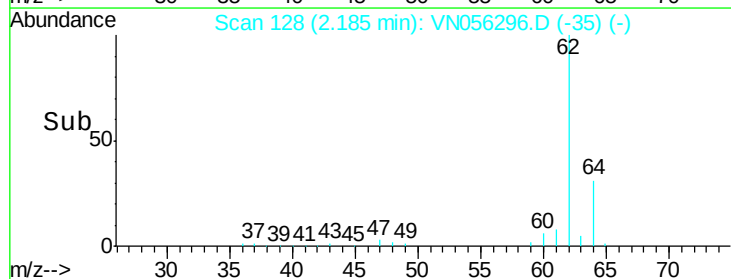
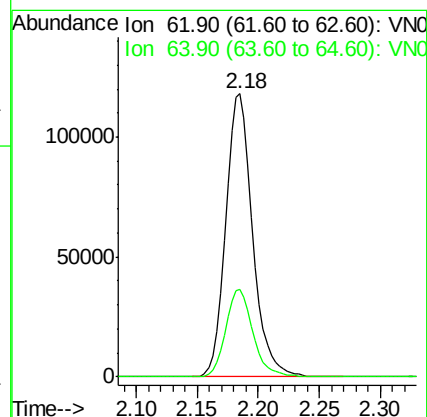
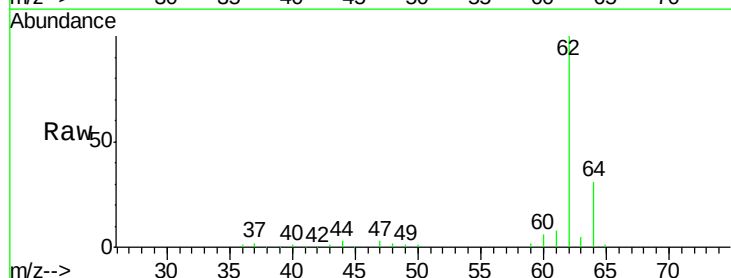
Acq: 13 Jun 2019 21:05

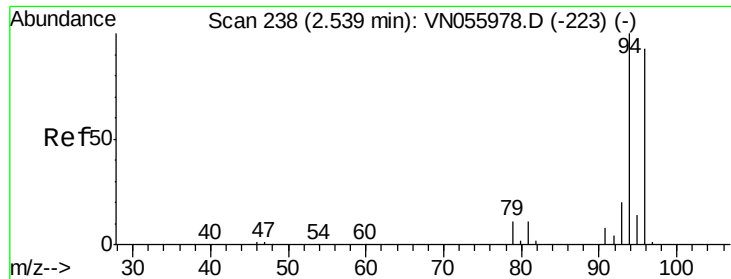
Tgt Ion: 62 Resp: 182690

Ion Ratio Lower Upper

62 100

64 30.9 25.6 38.4





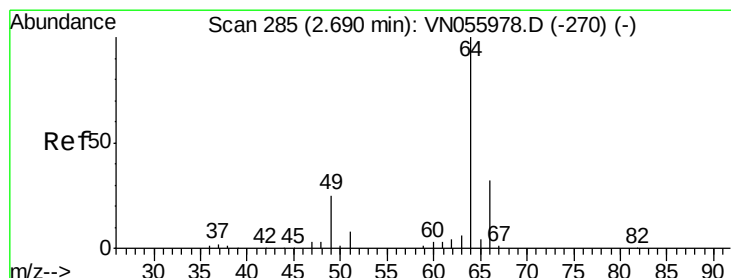
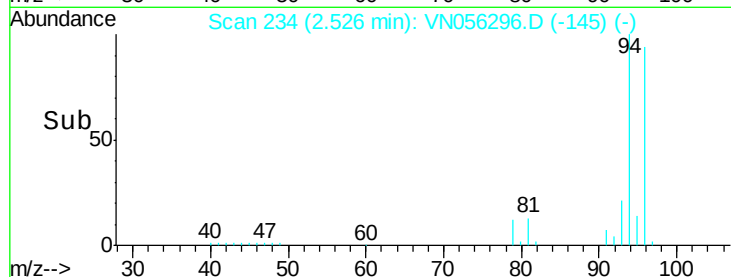
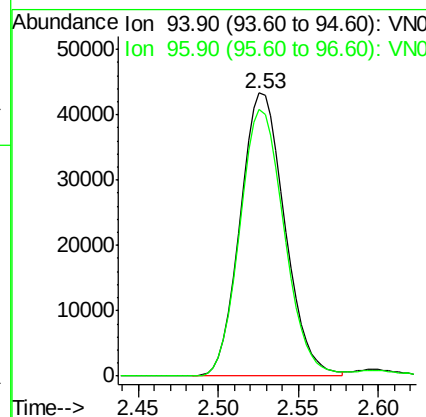
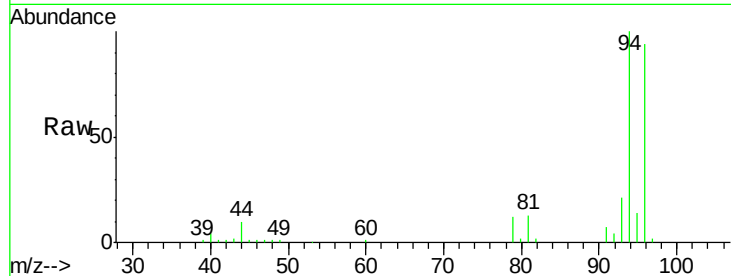
#5
Bromomethane
Concen: 38.080 ug/l
RT: 2.53 min Scan# 234
Delta R.T. -0.01 min
Lab File: VN056296.D
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Tot Ion	94	Resp	82291
Ion Ratio	100	Lower	Upper
96	94.4	75.5	113.3

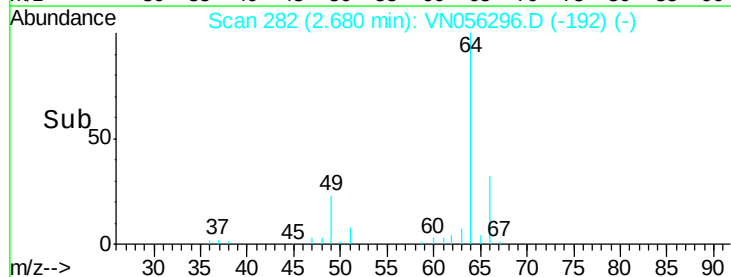
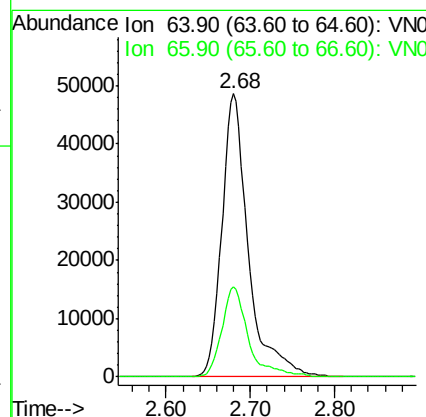
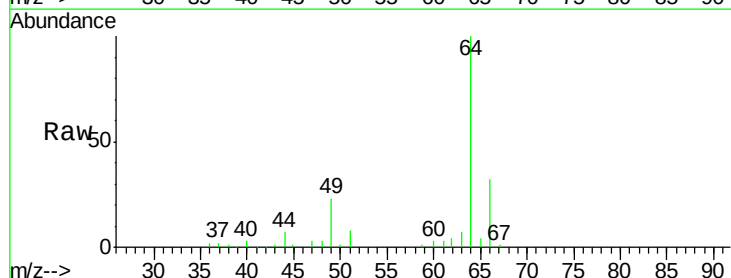
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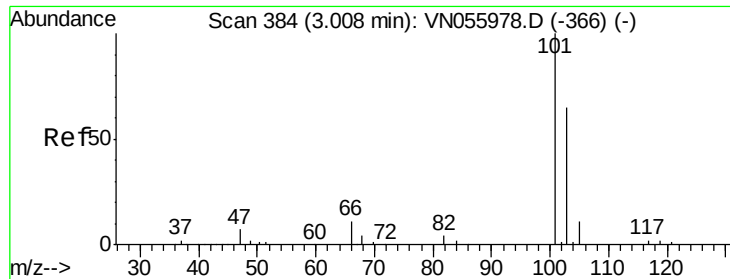
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#6
Chloroethane
Concen: 53.672 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.01 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion	64	Resp	106456
Ion Ratio	100	Lower	Upper
66	32.0	25.4	38.0





#7

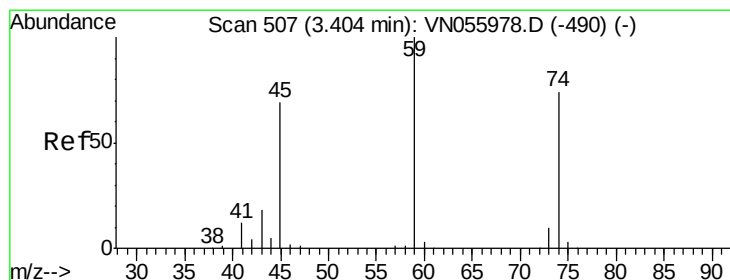
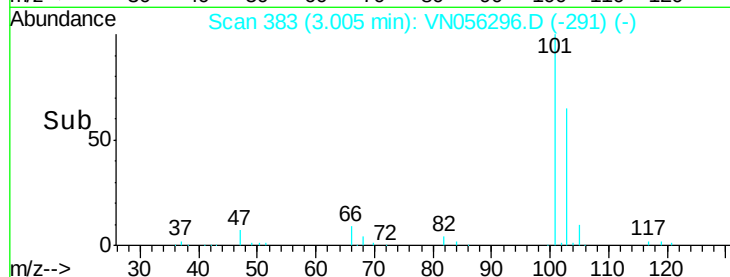
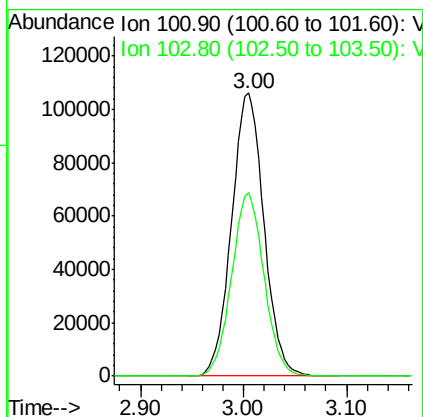
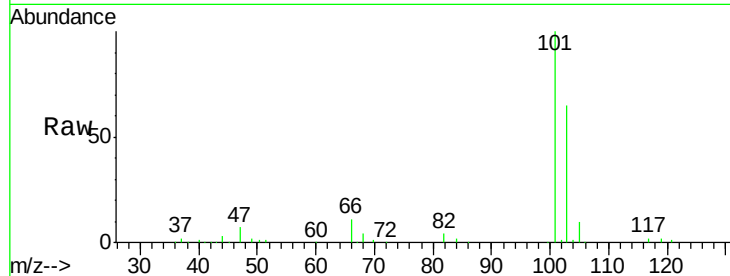
Trichlorofluoromethane
Concen: 53.170 ug/l
RT: 3.00 min Scan# 383
Delta R.T. -0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Instrument :
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ClientSampleId :
MW-5_061219MS

Tot Ion:101 Resp: 232206
Ion Ratio Lower Upper
101 100
103 64.7 51.2 76.8

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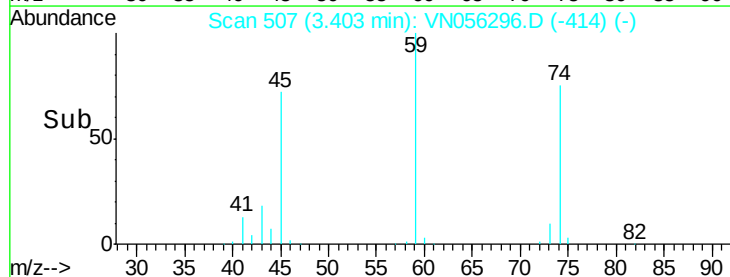
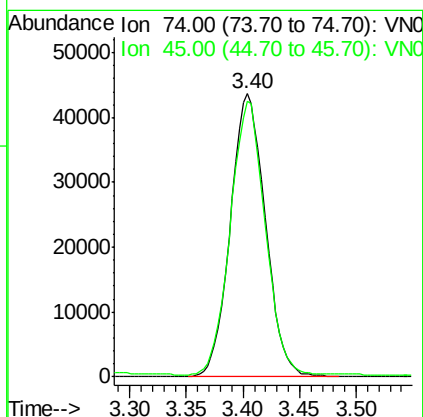
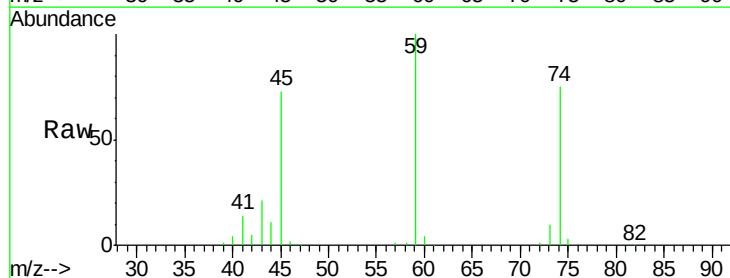
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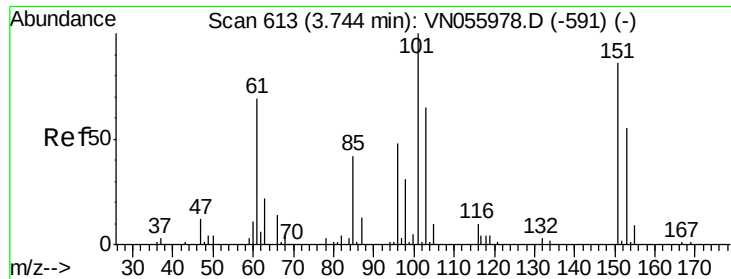


#8

Diethyl Ether
Concen: 52.419 ug/l
RT: 3.40 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion: 74 Resp: 94142
Ion Ratio Lower Upper
74 100
45 96.7 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.528 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

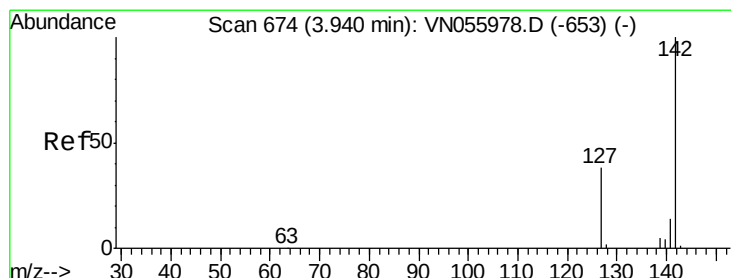
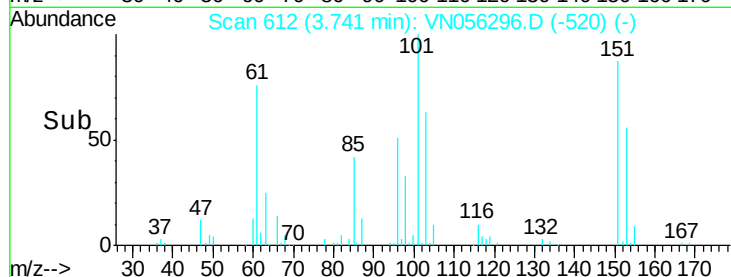
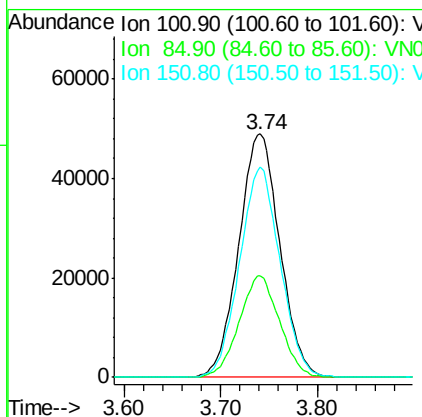
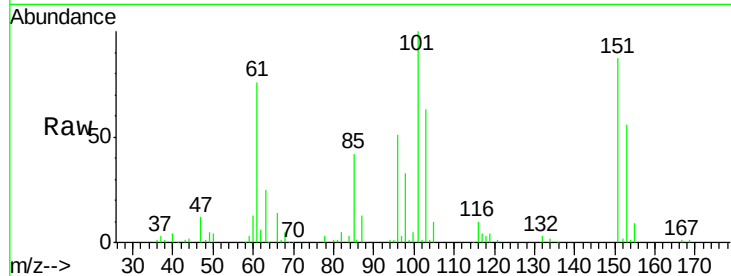
ClientSampleId :

MW-5_061219MS

Tot Ion:	101	Resp:	144657
Ion Ratio	Lower	Upper	
101	100		
85	40.9	33.4	50.2
151	85.3	69.4	104.2

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#10

Methyl Iodide

Concen: 32.715 ug/l

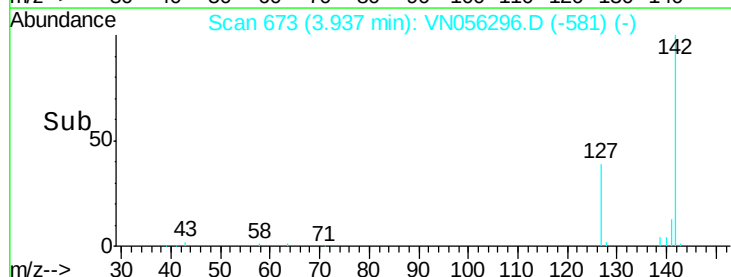
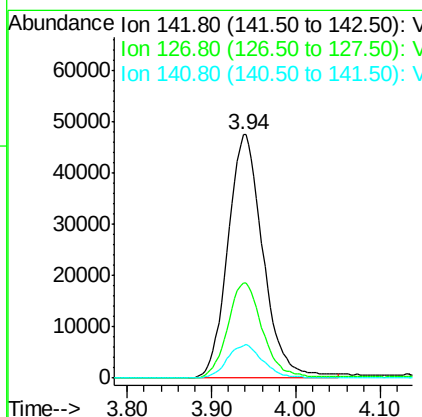
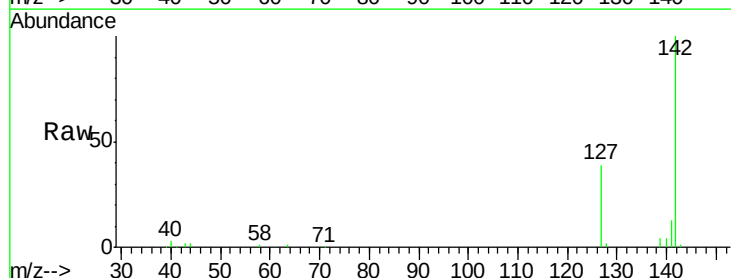
RT: 3.94 min Scan# 673

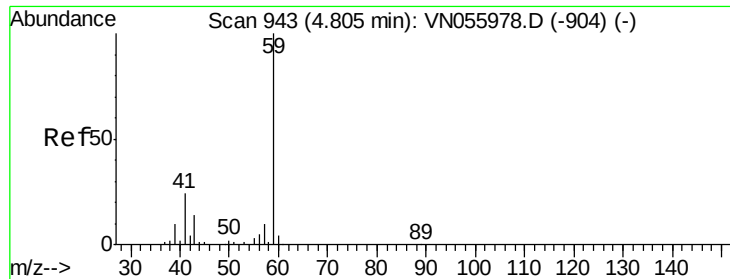
Delta R.T. -0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Tgt Ion:	142	Resp:	137924
Ion Ratio	Lower	Upper	
142	100		
127	38.8	31.0	46.4
141	13.8	11.4	17.0





#11

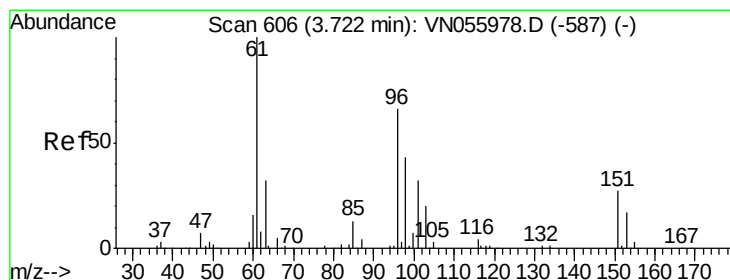
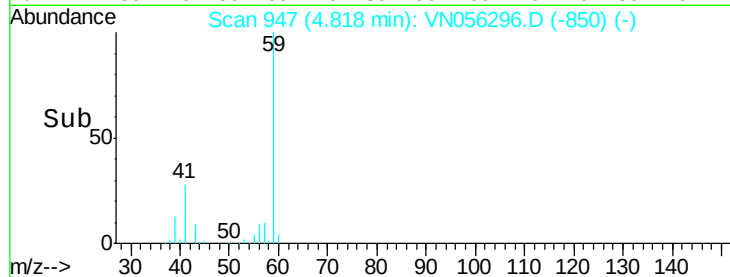
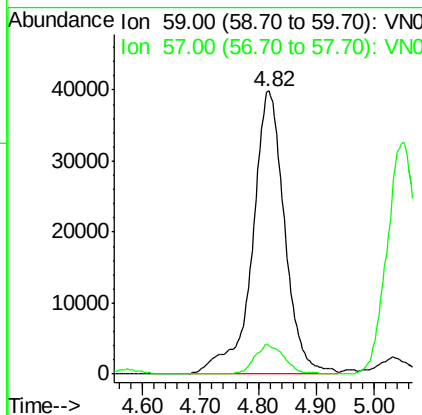
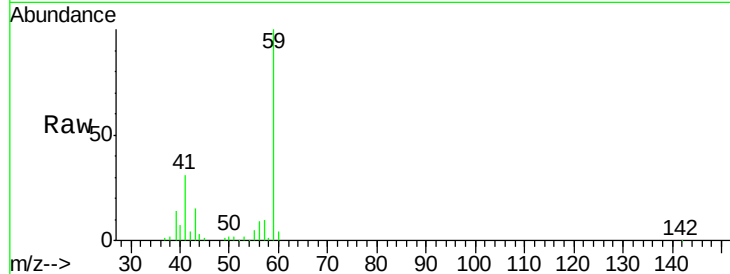
Tert butyl alcohol
 Concen: 284.209 ug/l
 RT: 4.82 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5_061219MS

Tot Ion	59	Resp	154501
Ion Ratio	100	Lower	Upper
57	9.6	7.8	11.6

Manual Integrations
 APPROVED

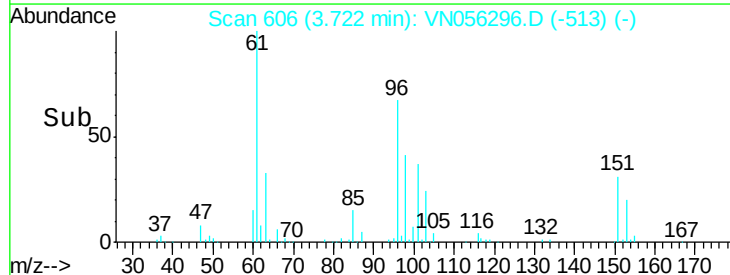
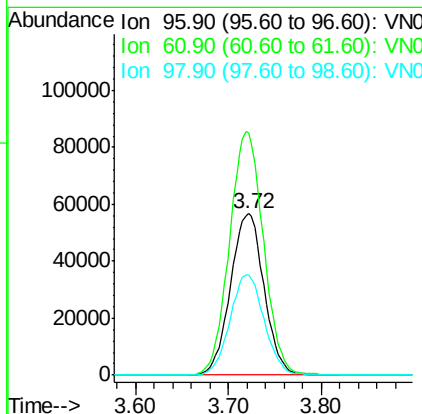
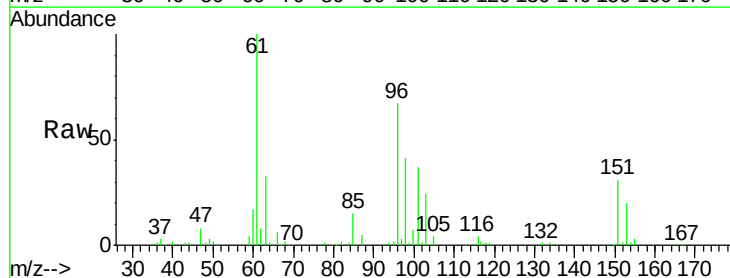
MMDadoda
 6/14/2019 9:36:46 AM

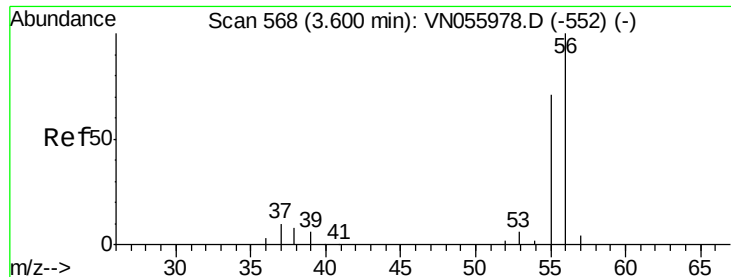


#12

1,1-Dichloroethene
 Concen: 53.950 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Tgt Ion	96	Resp	142490
Ion Ratio	100	Lower	Upper
61	150.3	123.2	184.8
98	61.9	50.4	75.6





#13

Acrolein

Concen: 230.451 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

MW-5_061219MS

Tot Ion: 56 Resp: 36131

Ion Ratio Lower Upper

56 100

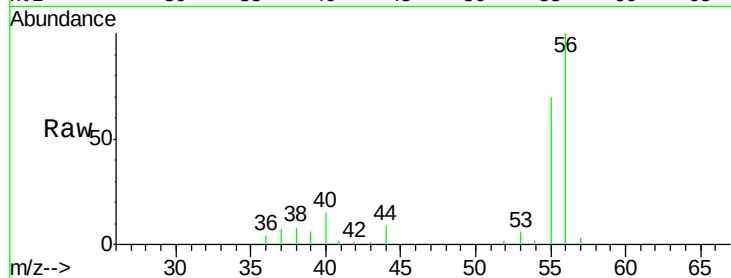
55 71.6 55.4 83.2

Manual Integrations

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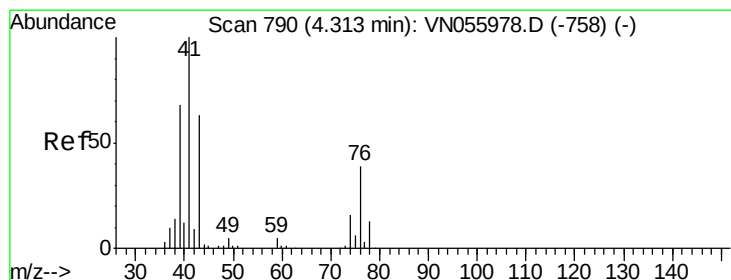
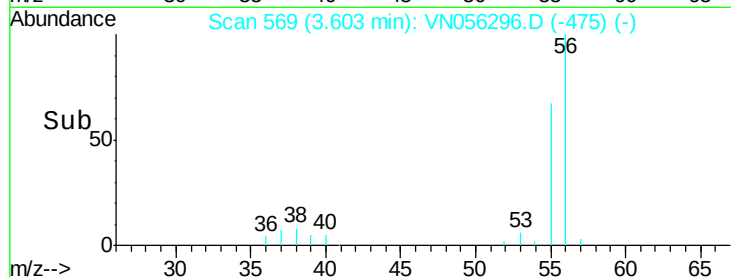
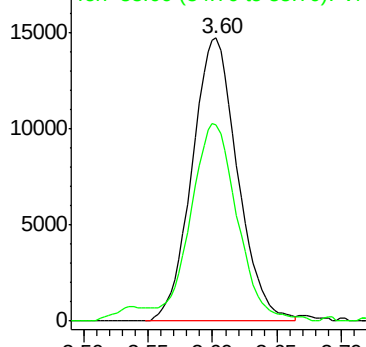
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 55.936 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

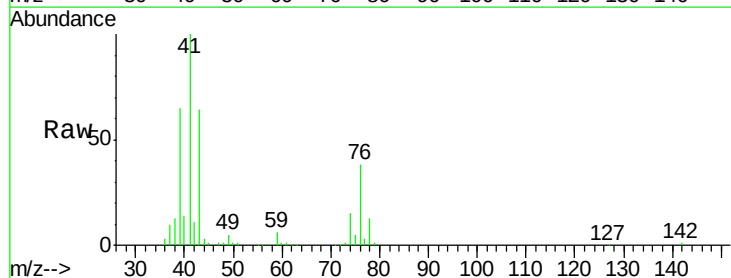
Tgt Ion: 41 Resp: 233279

Ion Ratio Lower Upper

41 100

39 59.7 50.0 75.0

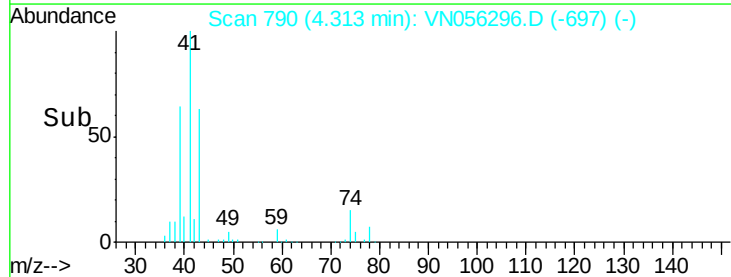
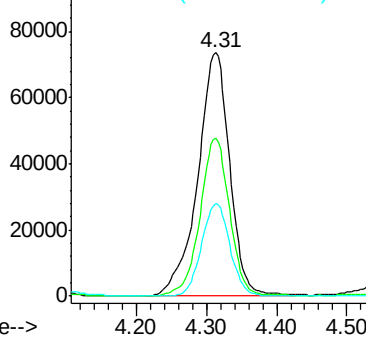
76 33.6 28.2 42.2

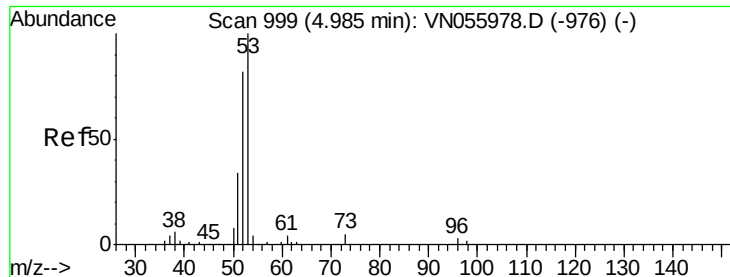


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 328.227 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

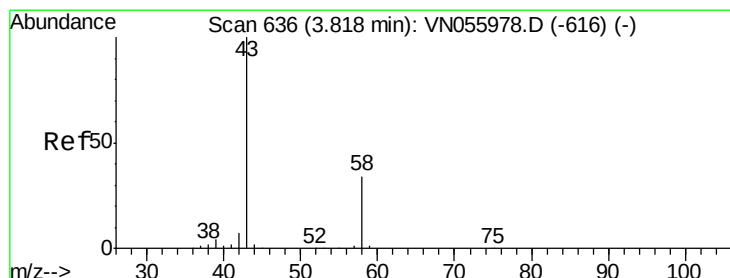
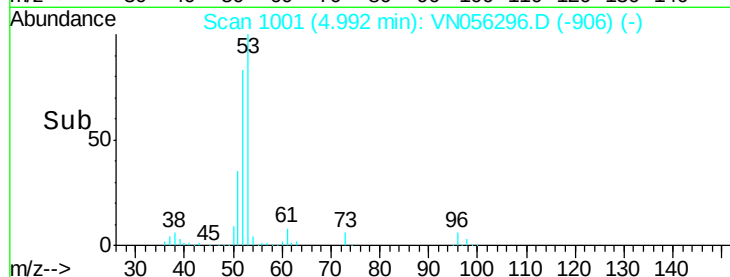
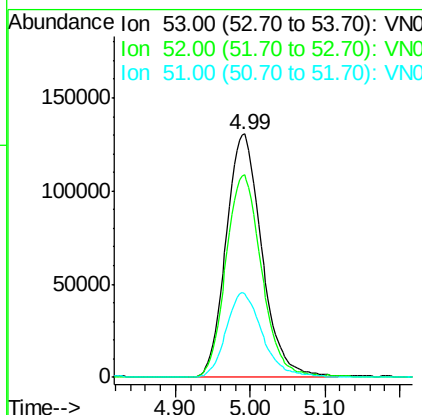
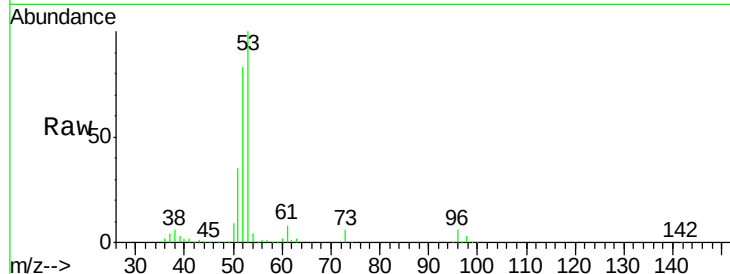
ClientSampleId :

MW-5_061219MS

Tot Ion:	53	Resp:	434349
Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.8	98.8
51	35.6	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 237.895 ug/l

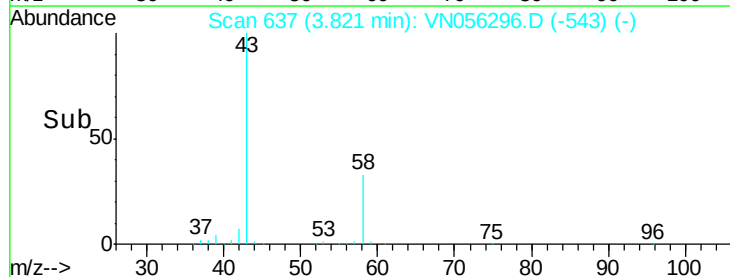
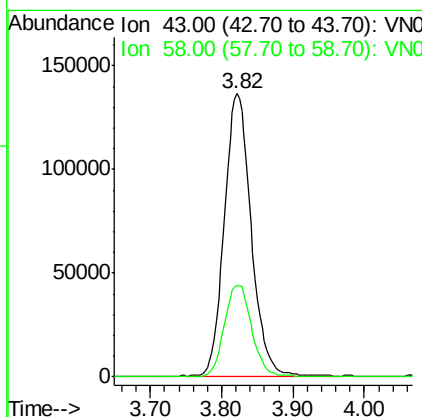
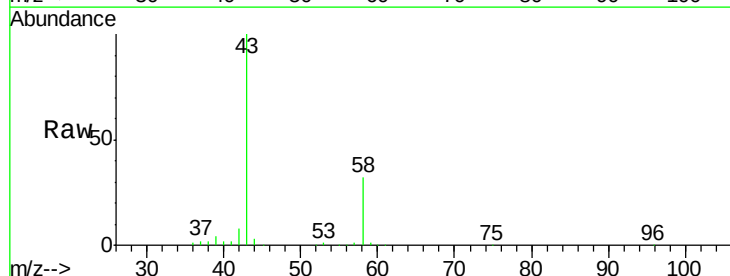
RT: 3.82 min Scan# 637

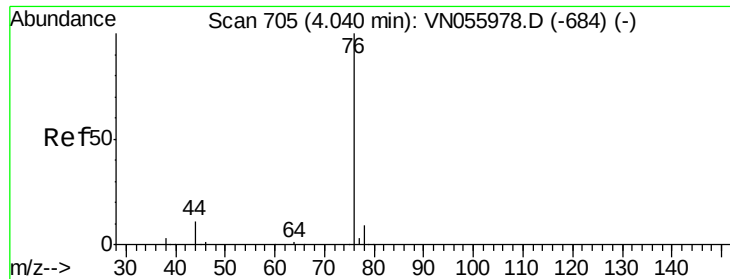
Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Tgt Ion:	43	Resp:	355425
Ion	Ratio	Lower	Upper
43	100		
58	32.4	26.6	39.8





#17

Carbon Disulfide

Concen: 49.079 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

MW-5_061219MS

Tot Ion: 76 Resp: 310366

Ion Ratio Lower Upper

76 100

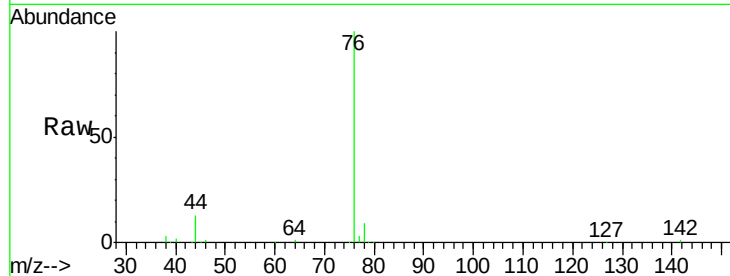
78 9.3 7.4 11.2

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC

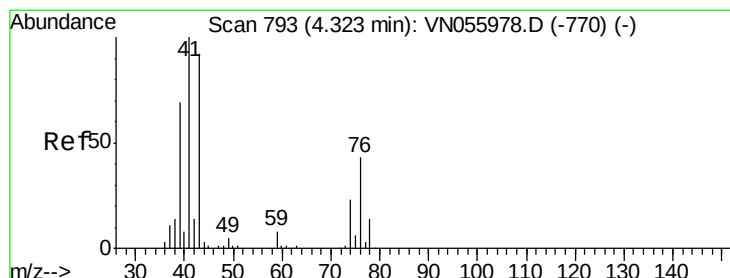
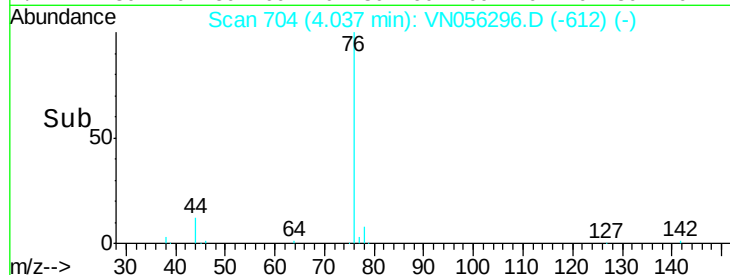
4.04

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 60.465 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN056296.D

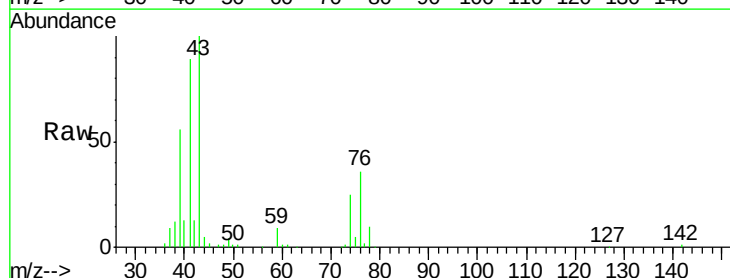
Acq: 13 Jun 2019 21:05

Tgt Ion: 43 Resp: 177094

Ion Ratio Lower Upper

43 100

74 24.5 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC

4.33

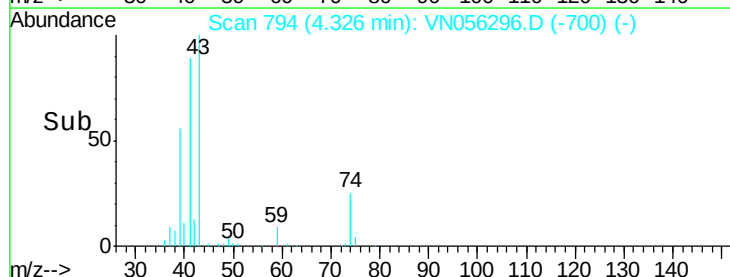
60000

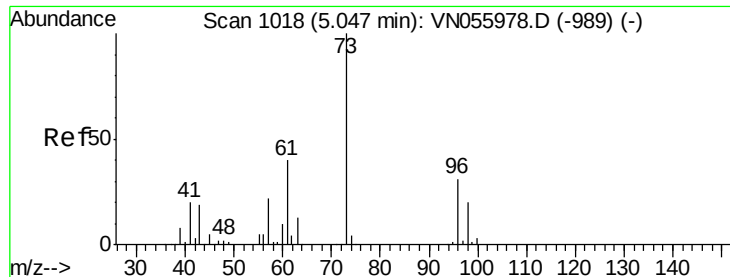
40000

20000

0

Time-->





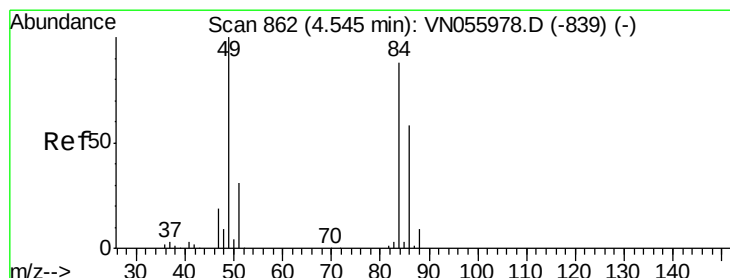
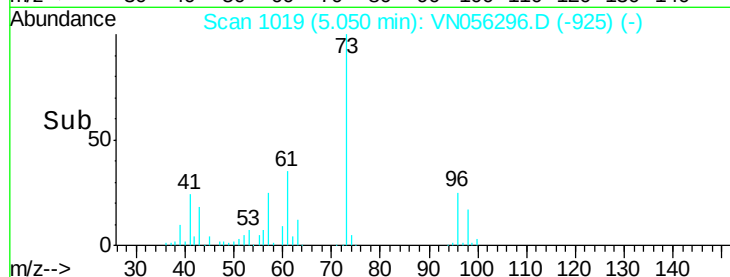
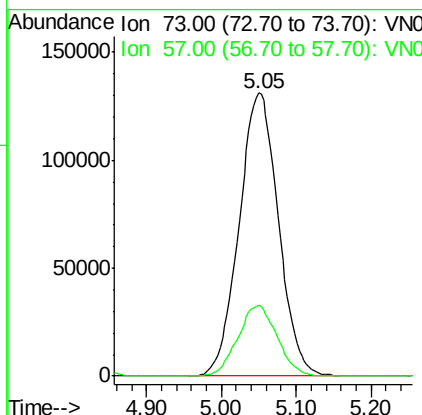
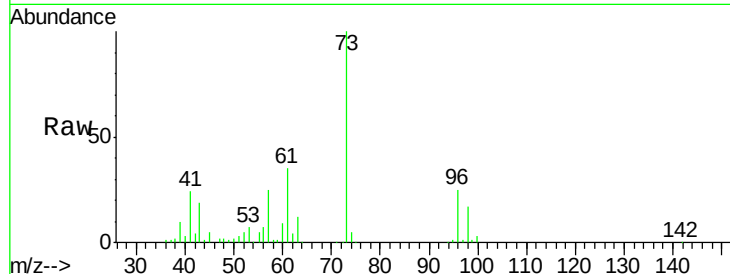
#19
Methyl tert-butyl Ether
Concen: 56.933 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Instrument :
MSVOA_N
ClientSampleId :
MW-5_061219MS

Tot Ion	73	Resp	479306
Ion Ratio	100	Lower	Upper
57	25.0	17.8	26.8

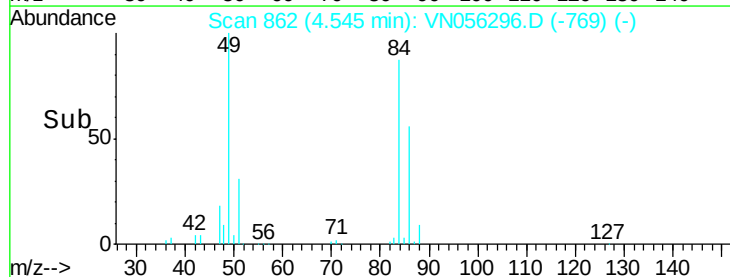
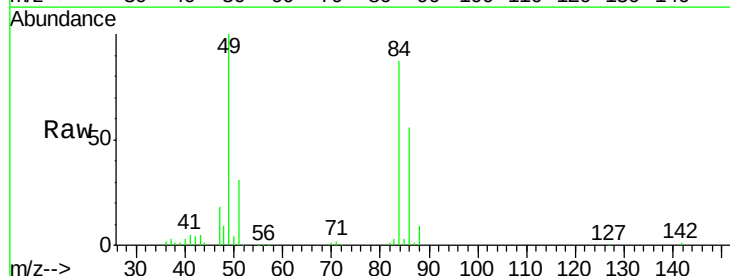
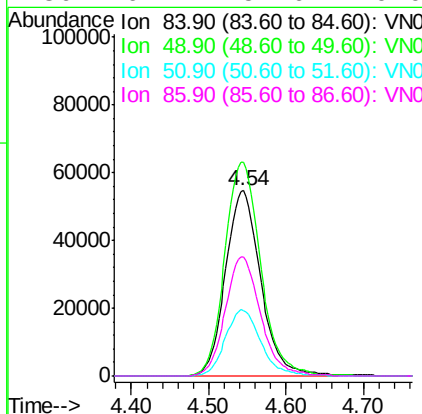
Manual Integrations
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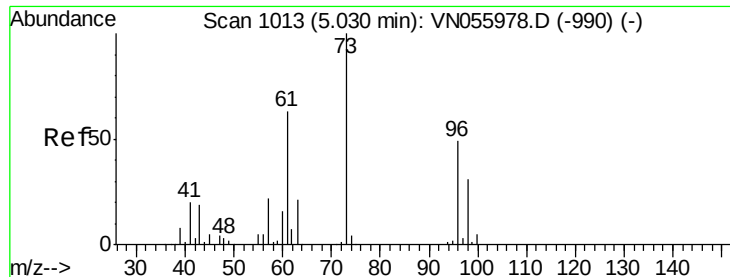
MMDadoda
6/14/2019 9:36:46 AM



#20
Methylene Chloride
Concen: 56.198 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion	84	Resp	172983
Ion Ratio	100	Lower	Upper
49	114.9	93.5	140.3
51	35.5	28.6	43.0
86	64.4	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 52.484 ug/l

RT: 5.03 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

MW-5_061219MS

Tot Ion: 96 Resp: 148522

Ion Ratio Lower Upper

96 100

61 137.7 107.8 161.8

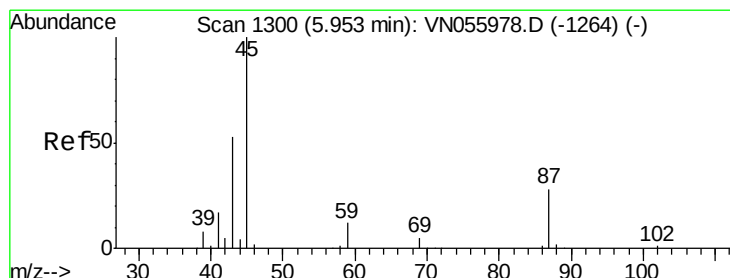
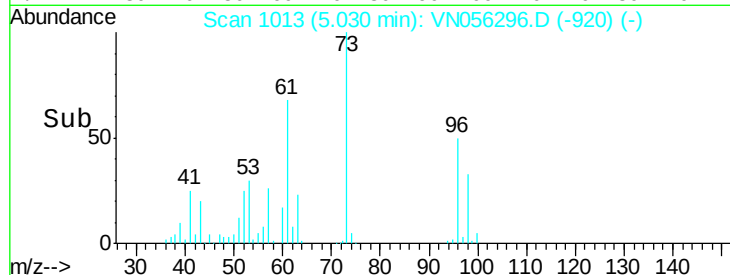
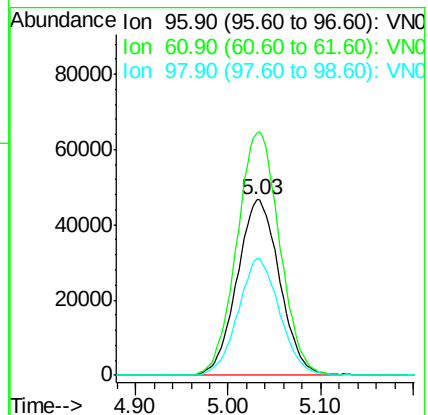
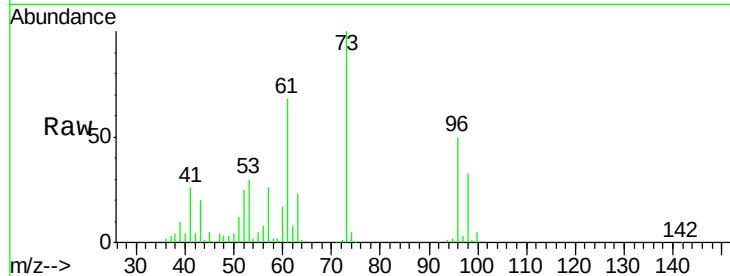
98 66.7 49.8 74.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 57.982 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Tgt Ion: 45 Resp: 499863

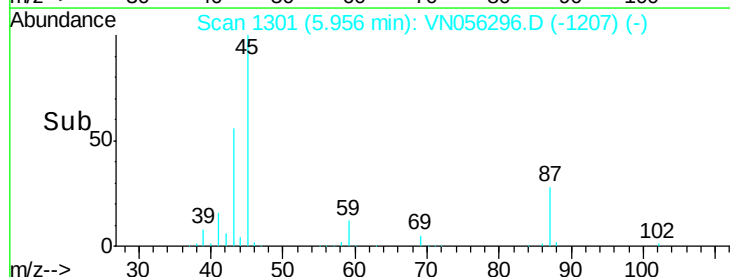
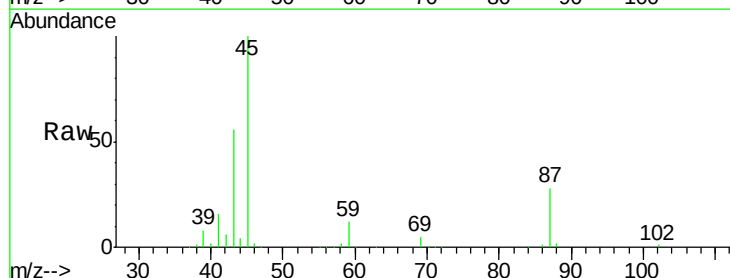
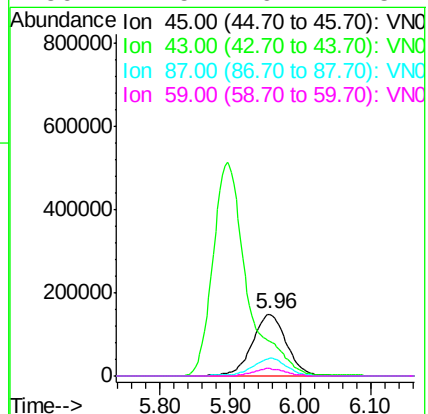
Ion Ratio Lower Upper

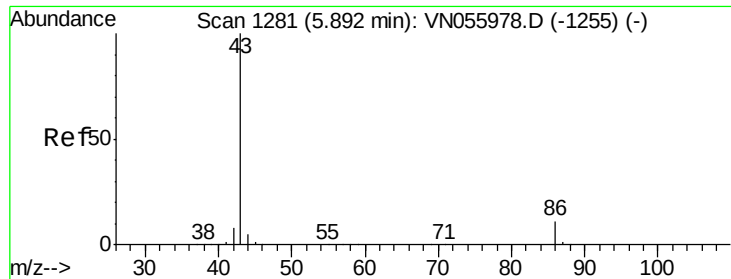
45 100

43 54.4 45.0 67.6

87 27.6 22.2 33.4

59 11.5 9.1 13.7





#23

Vinyl Acetate

Concen: 254.415 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

MW-5_061219MS

Tot Ion: 43 Resp: 1727242

Ion Ratio Lower Upper

43 100

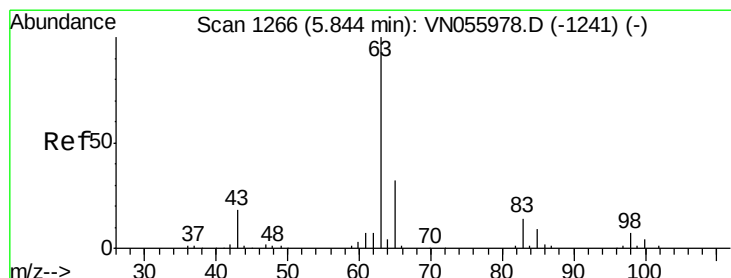
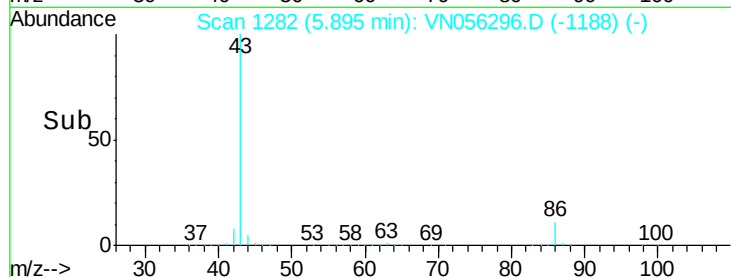
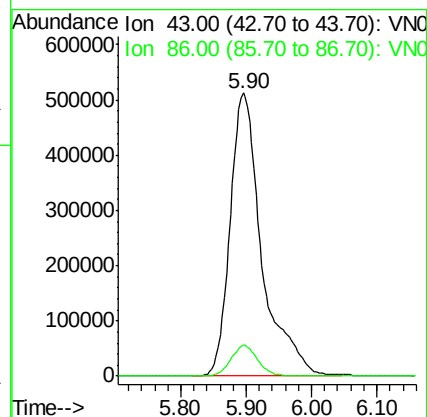
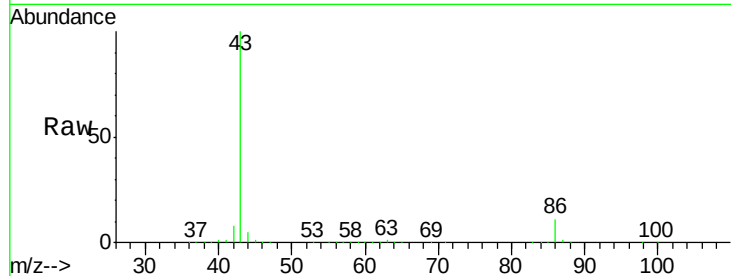
86 10.9 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 58.486 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

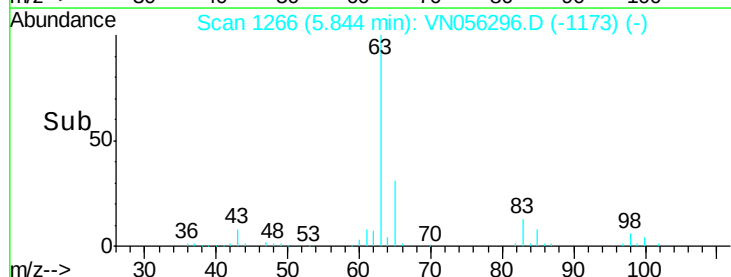
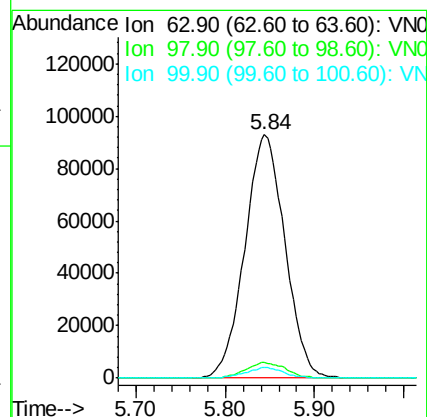
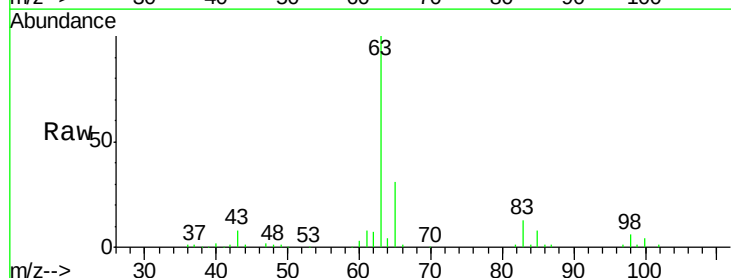
Tgt Ion: 63 Resp: 290846

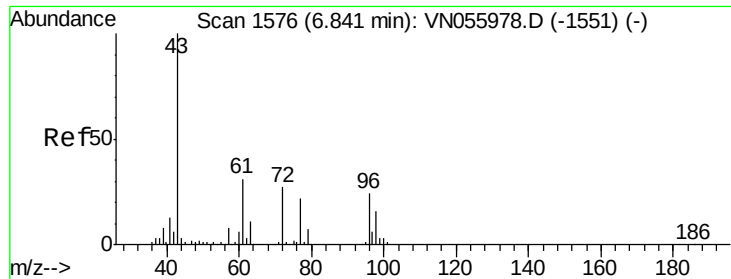
Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.1

100 4.2 2.2 6.6





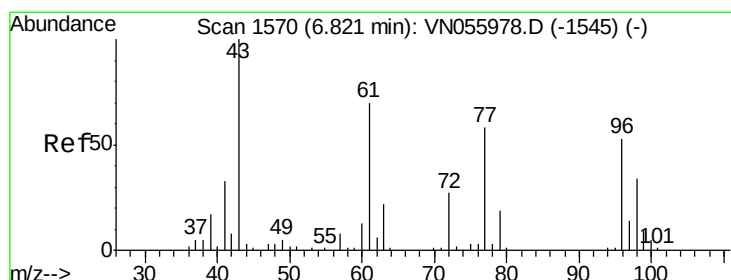
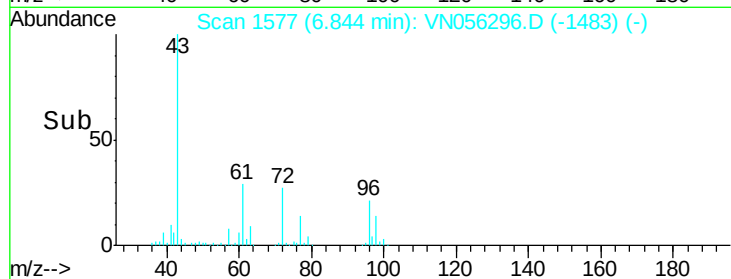
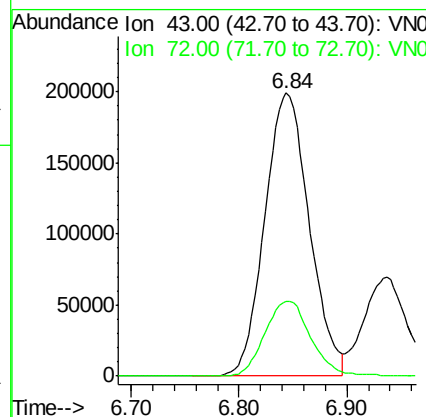
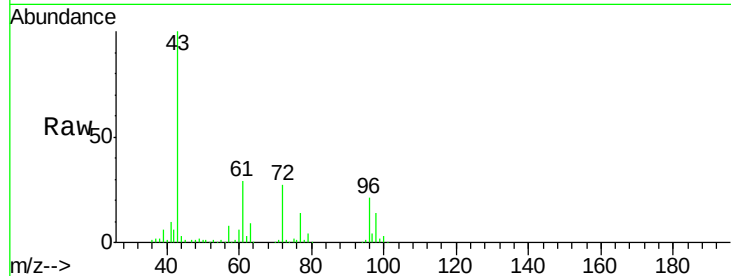
#25
2-Butanone
Concen: 301.420 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Instrument :
MSVOA_N
ClientSampleId :
MW-5_061219MS

Tot Ion: 43 Resp: 568982
Ion Ratio Lower Upper
43 100
72 26.6 21.9 32.9

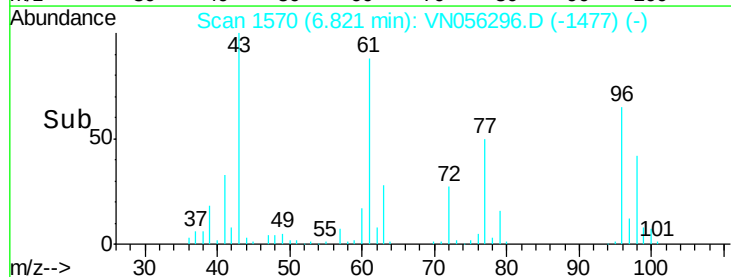
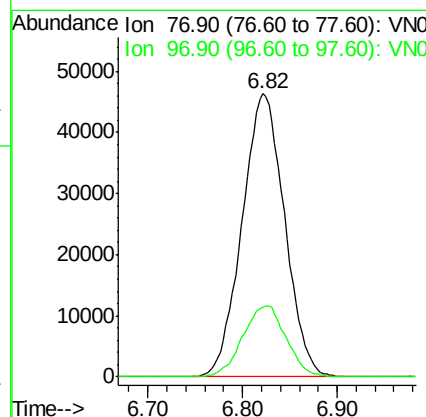
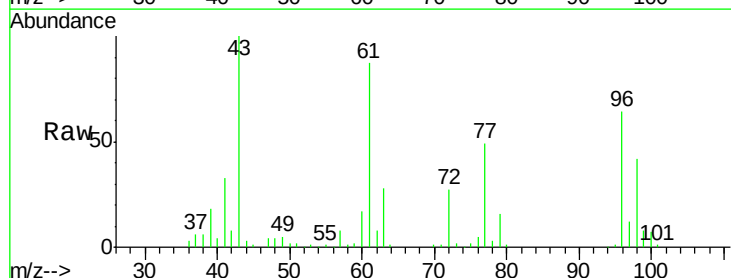
Manual Integrations
APPROVED

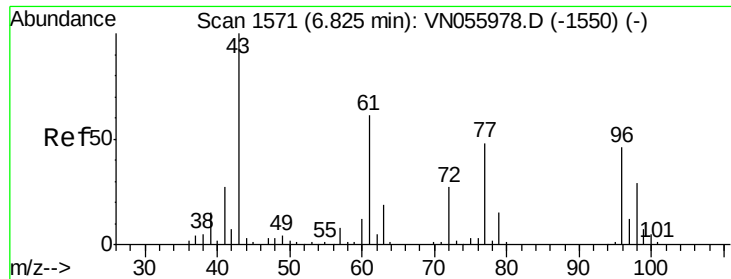
MMDadoda
6/14/2019 9:36:46 AM



#26
2,2-Dichloropropane
Concen: 37.281 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion: 77 Resp: 144666
Ion Ratio Lower Upper
77 100
97 25.7 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 54.521 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

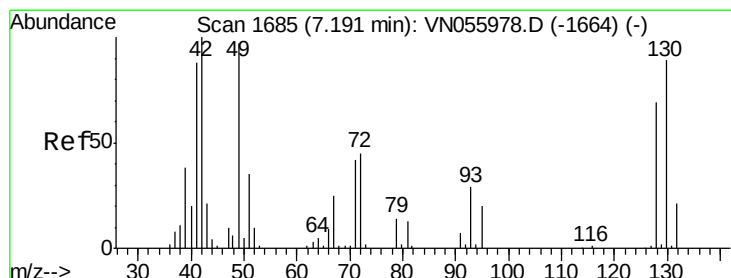
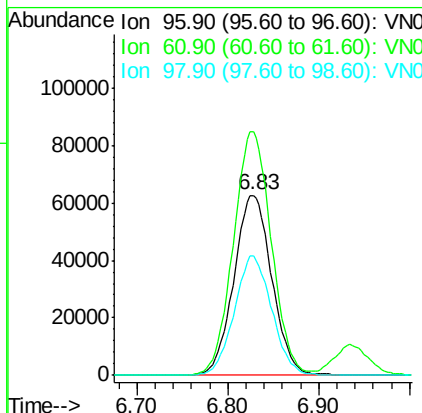
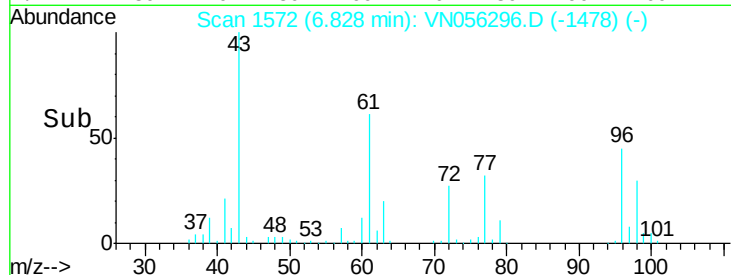
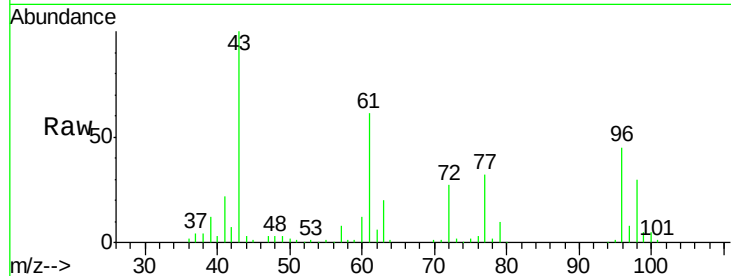
ClientSampleId :

MW-5_061219MS

Tot Ion:	96	Resp:	181362
Ion Ratio	Lower	Upper	
96	100		
61	135.4	0.0	275.8
98	65.2	0.0	128.4

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#28

Bromochloromethane

Concen: 61.147 ug/l

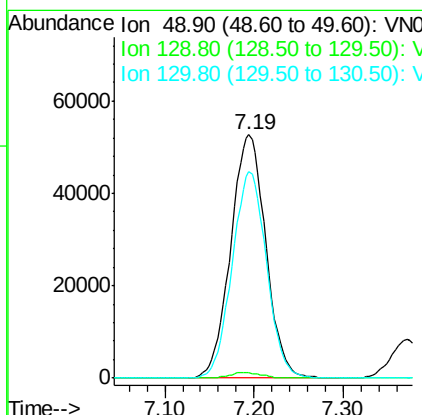
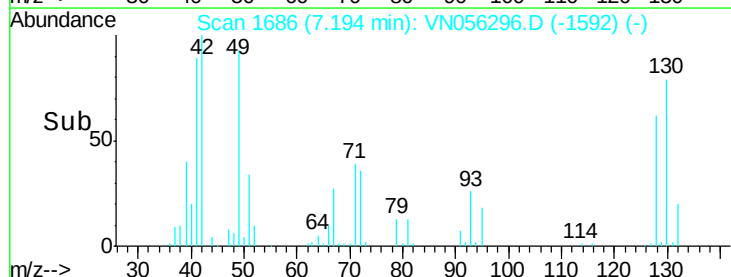
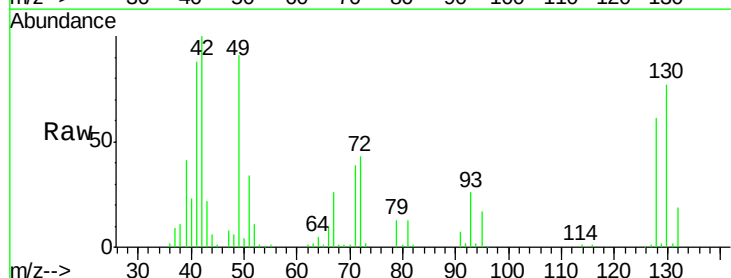
RT: 7.19 min Scan# 1686

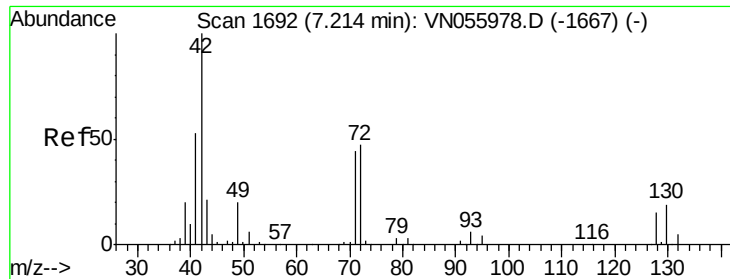
Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Tgt Ion:	49	Resp:	143801
Ion Ratio	Lower	Upper	
49	100		
129	2.0	0.0	4.4
130	83.1	71.2	106.8





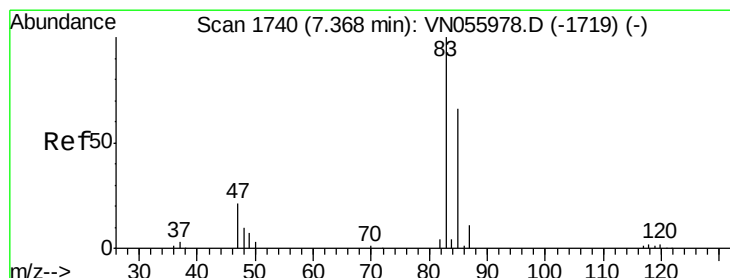
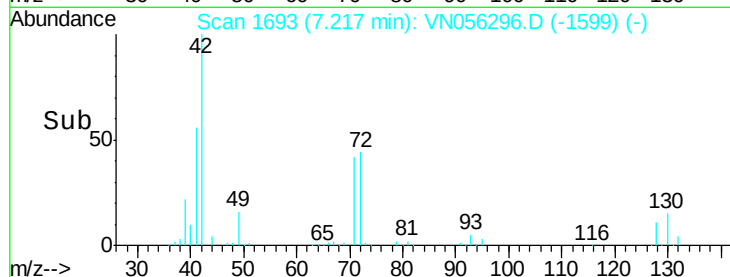
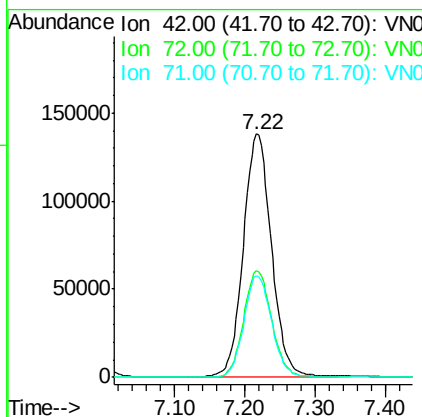
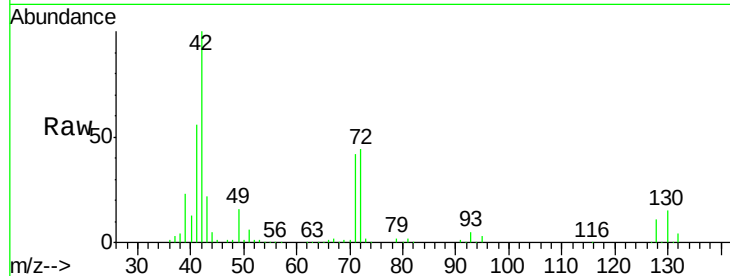
#29
Tetrahydrofuran
Concen: 328.348 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Instrument :
MSVOA_N
ClientSampleId :
MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	35.9	53.9
71	41.5	34.0	51.0

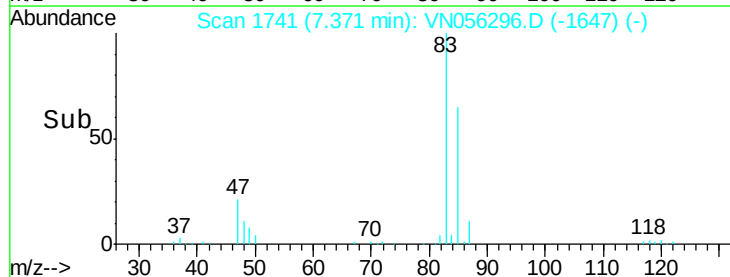
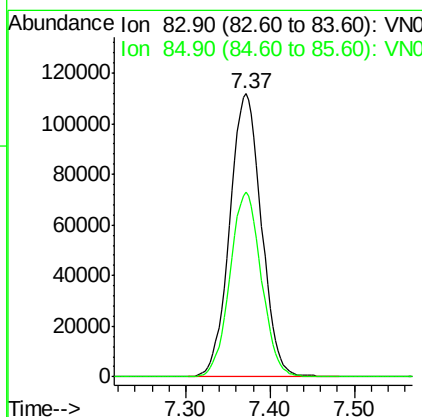
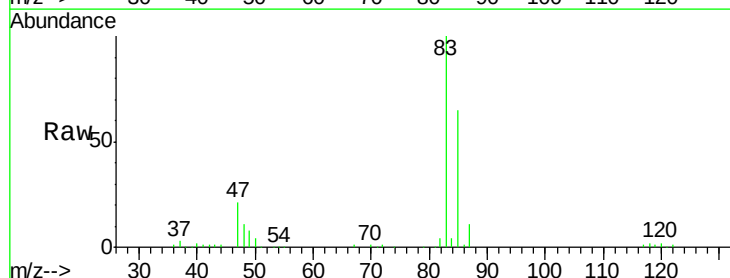
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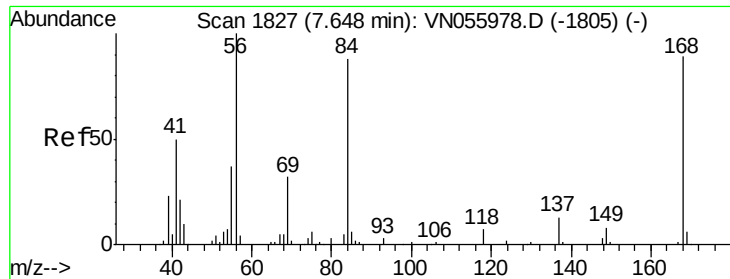
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#30
Chloroform
Concen: 58.393 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.8	77.8





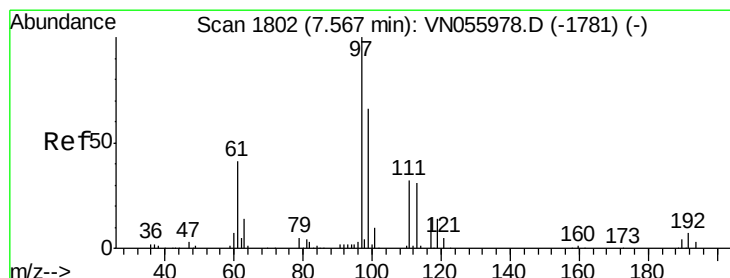
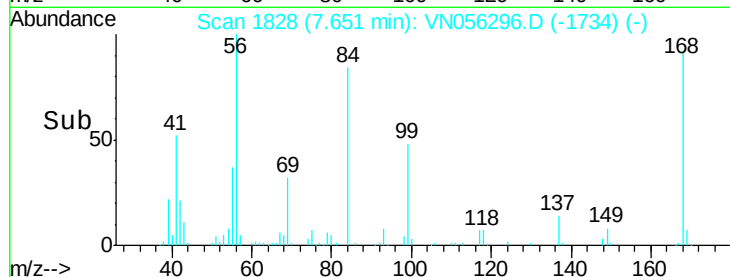
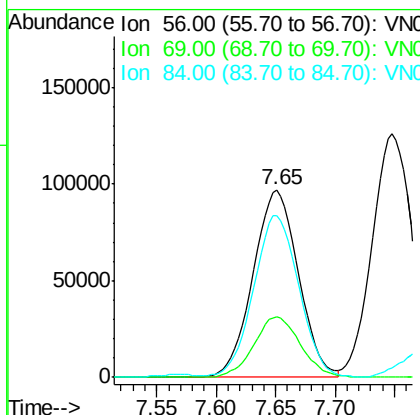
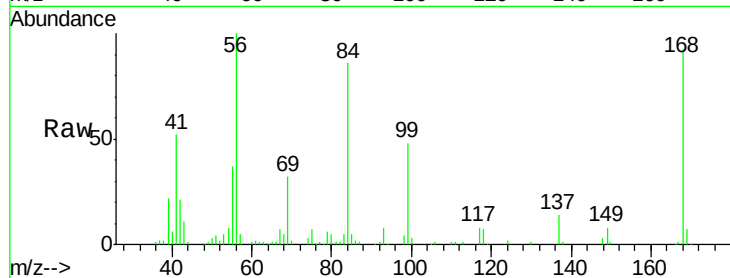
#31
Cyclohexane
Concen: 51.660 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Instrument :
MSVOA_N
ClientSampleId :
MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.0	25.6	38.4
84	85.0	67.4	101.0

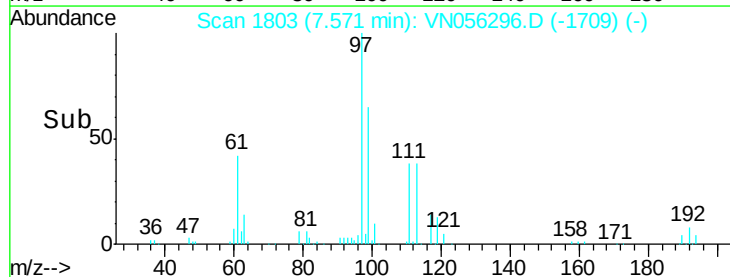
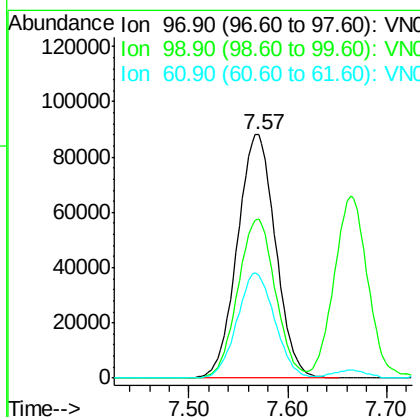
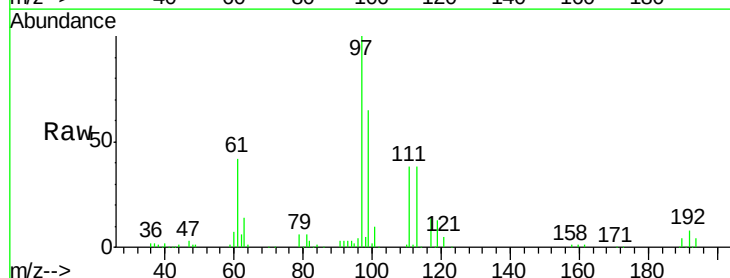
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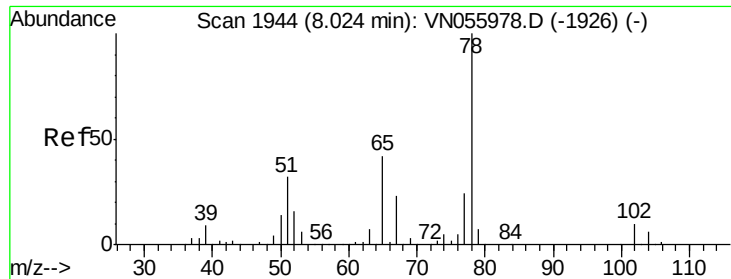
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#32
1,1,1-Trichloroethane
Concen: 56.494 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.0	78.0
61	42.7	32.9	49.3





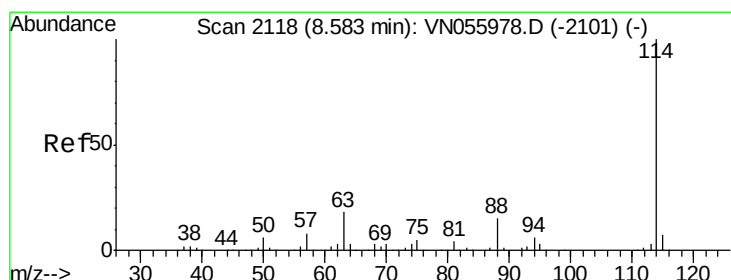
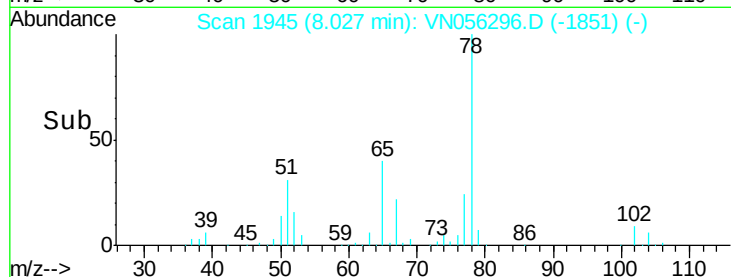
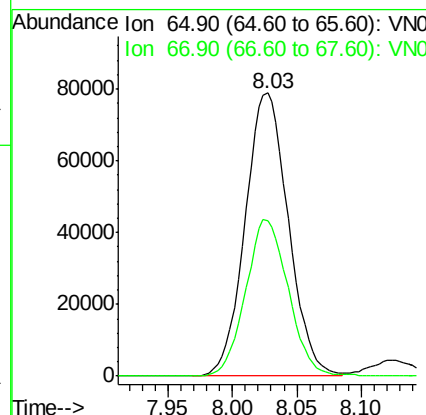
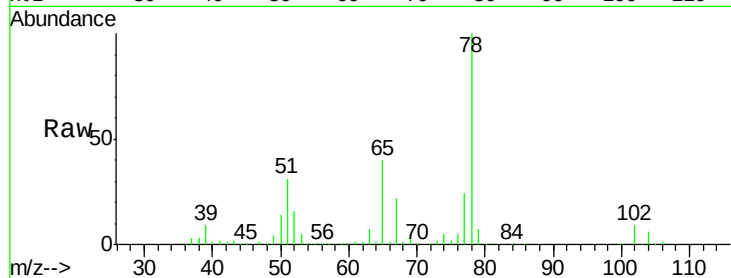
#33
 1,2-Dichloroethane-d4
 Concen: 58.905 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5_061219MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	184011		
67	54.6	0.0	109.2	

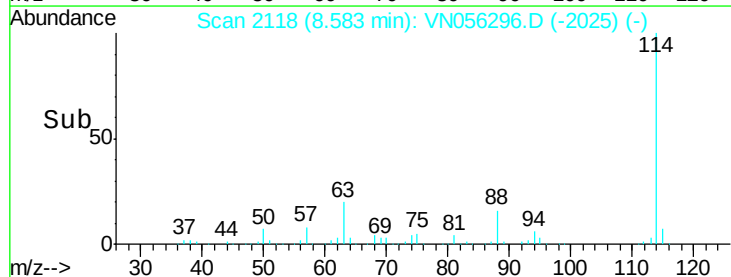
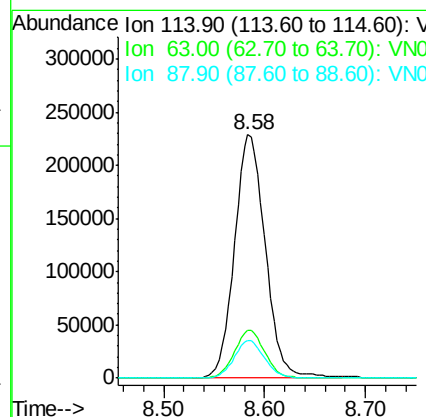
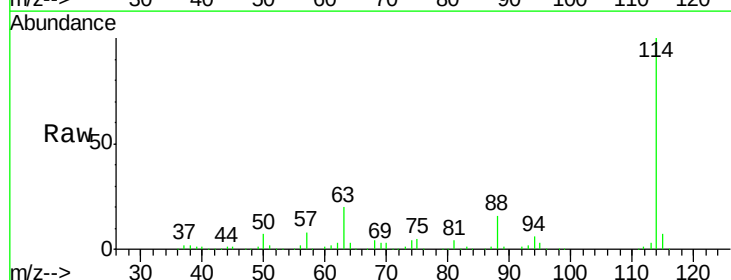
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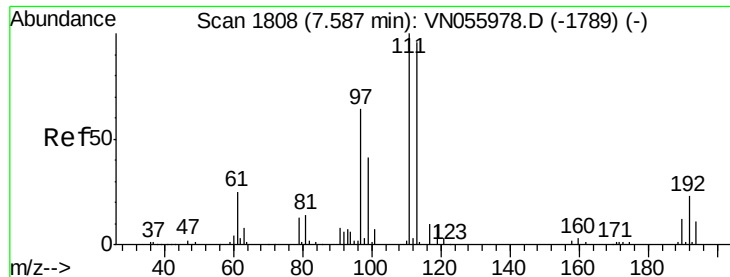
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	485562		
63	19.7	0.0	39.2	
88	15.6	0.0	31.0	





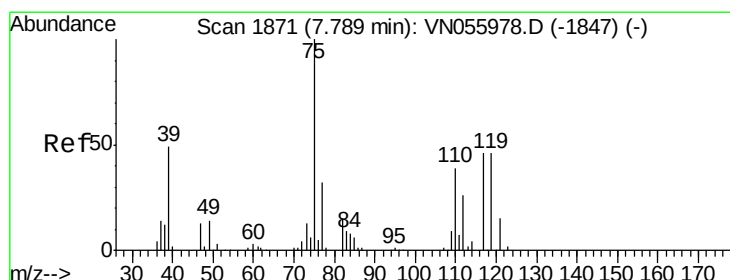
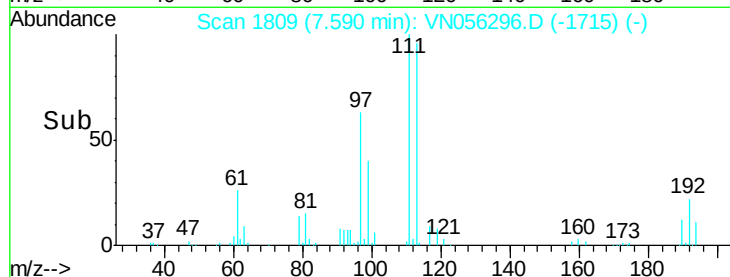
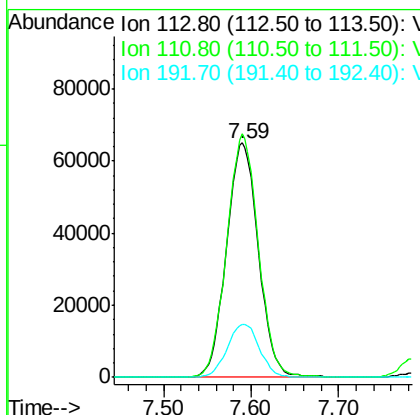
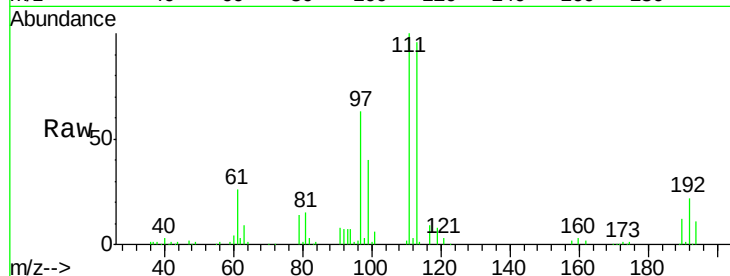
#35
 Dibromofluoromethane
 Concen: 55.300 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5_061219MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	164743		
111	102.8	81.9	122.9	
192	22.7	19.5	29.3	

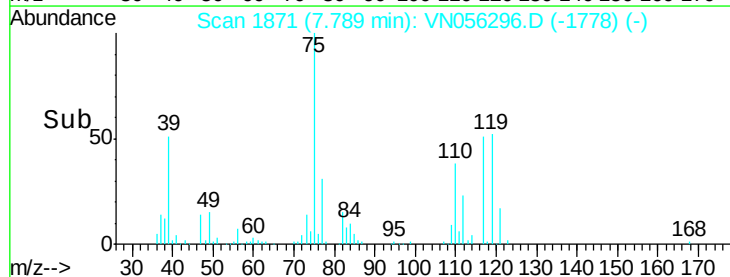
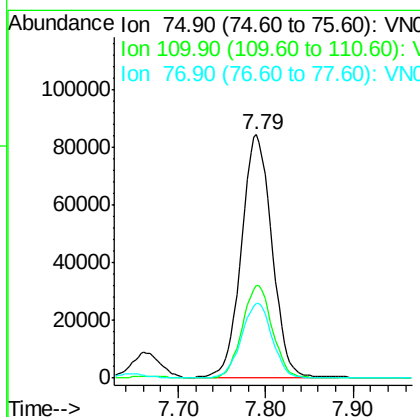
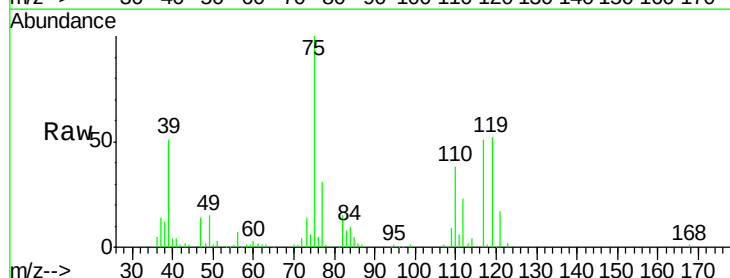
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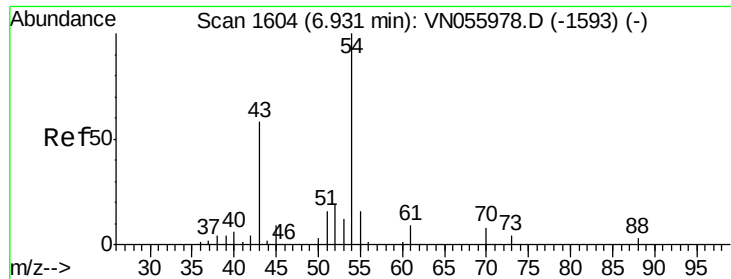
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#36
 1,1-Dichloropropene
 Concen: 48.822 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	203840		
110	37.6	19.0	57.0	
77	31.1	25.1	37.7	





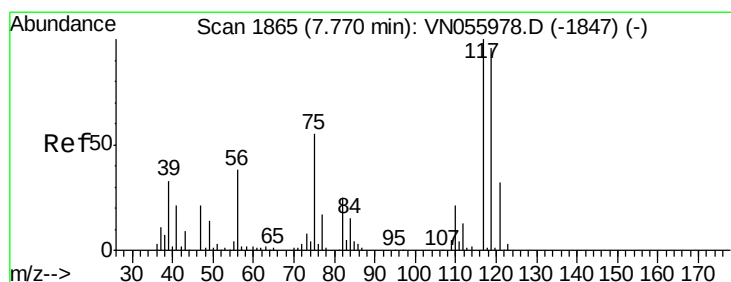
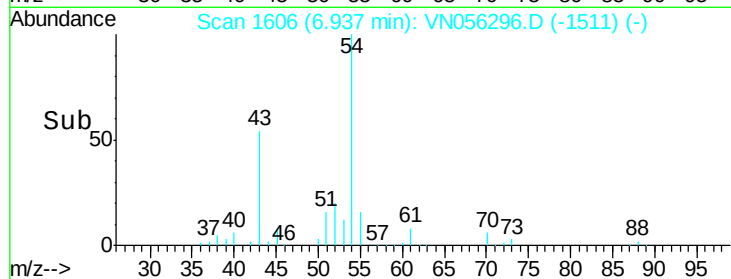
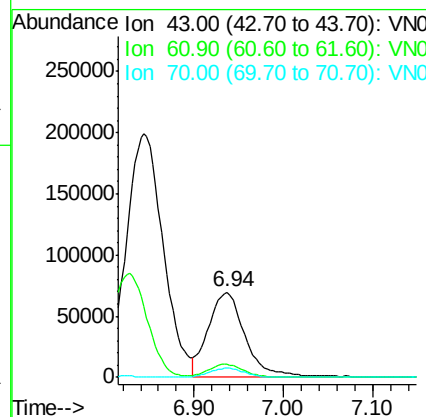
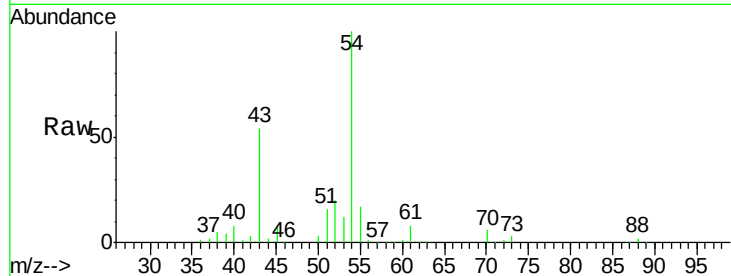
#37
Ethyl Acetate
Concen: 52.457 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Instrument :
MSVOA_N
ClientSampleId :
MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	12.2	18.2
70	10.4	8.9	13.3

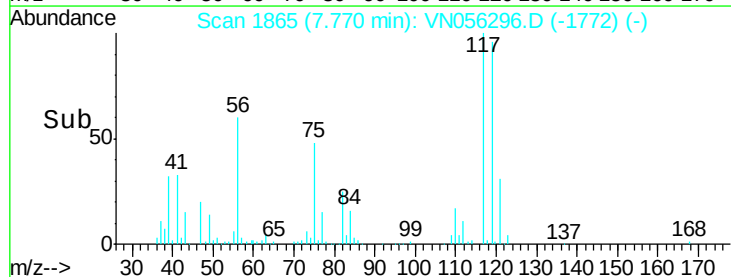
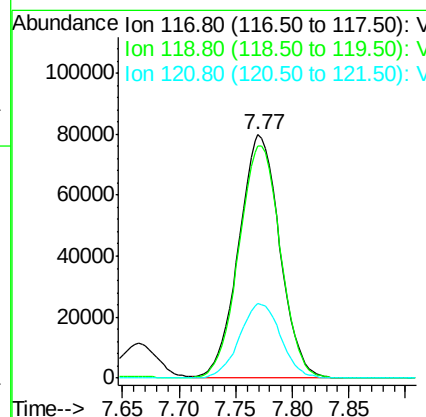
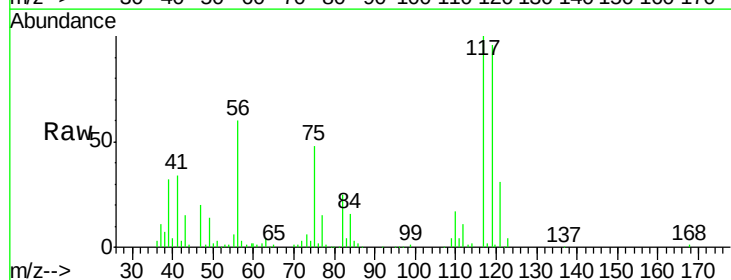
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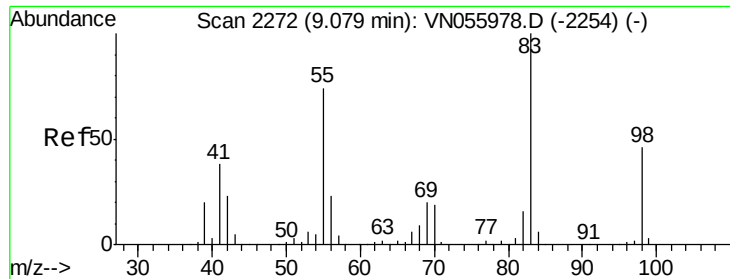
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#38
Carbon Tetrachloride
Concen: 51.918 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	79.0	118.6
121	30.8	24.7	37.1





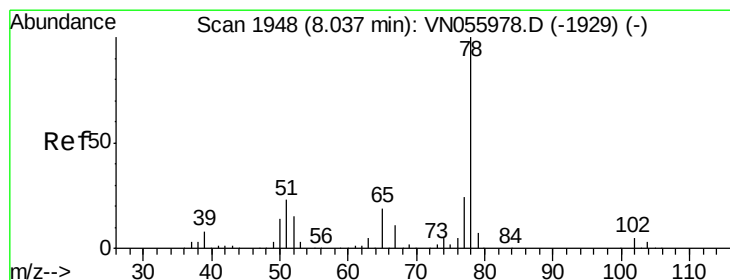
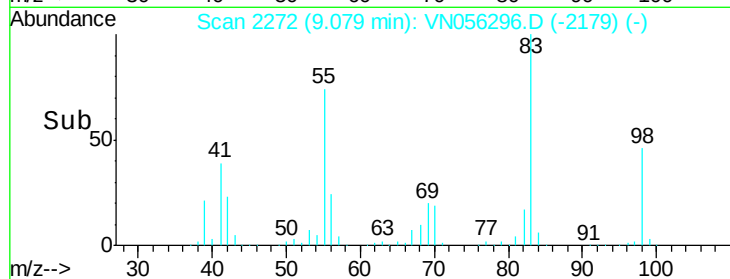
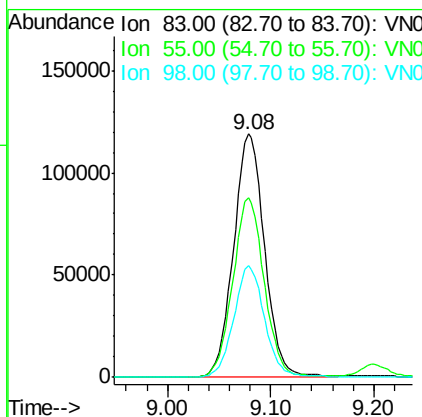
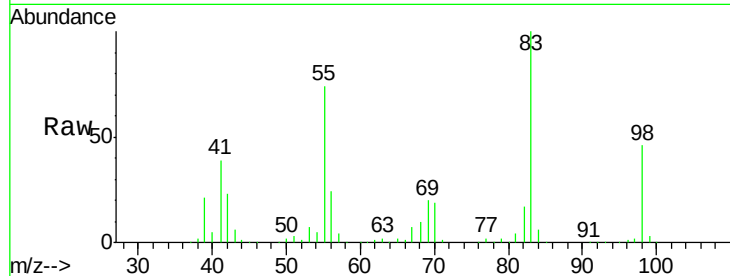
#39
Methylvlcyclohexane
Concen: 48.074 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Instrument :
MSVOA_N
ClientSampleId :
MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.7	59.3	88.9
98	45.9	36.6	54.8

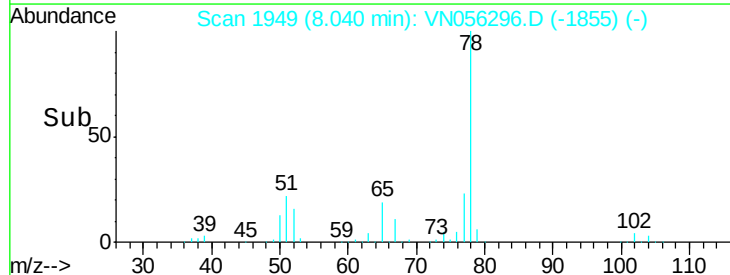
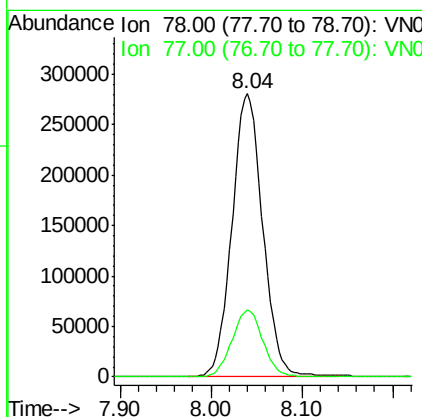
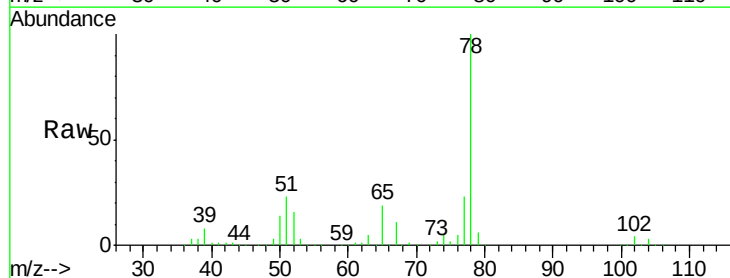
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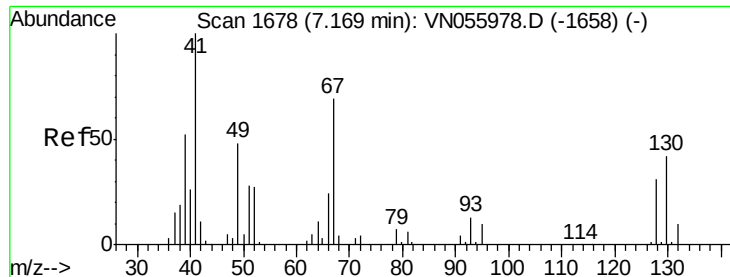
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#40
Benzene
Concen: 51.936 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2





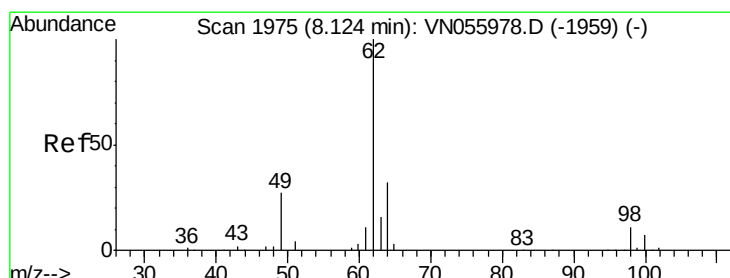
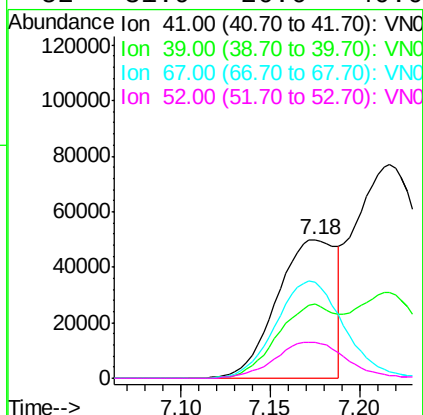
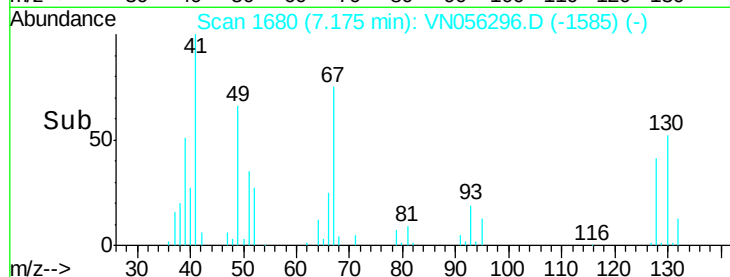
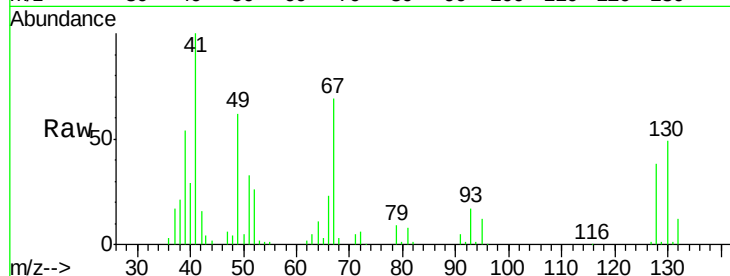
#41
Methacrylonitrile
Concen: 67.520 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Instrument :
MSVOA_N
ClientSampleId :
MW-5_061219MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.3	45.6	68.4	
67	81.4	67.7	101.5	
52	31.9	26.6	40.0	

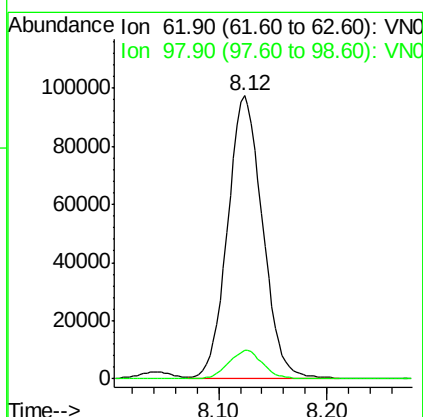
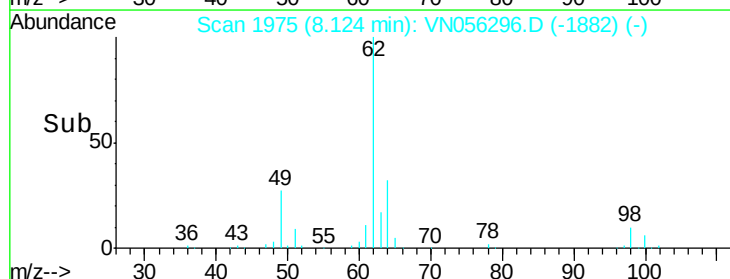
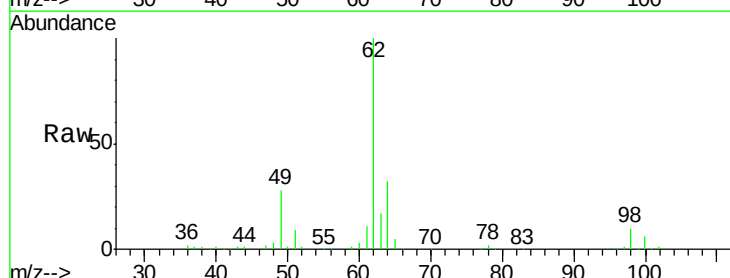
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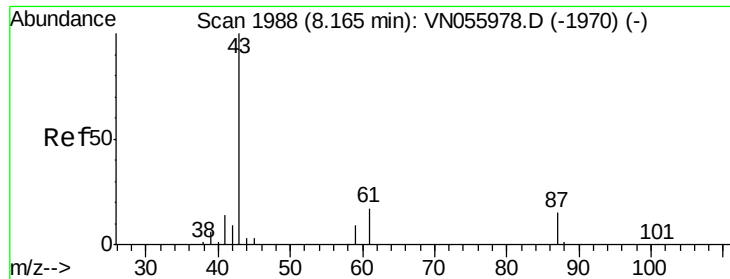
MMDadoda
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#42
1,2-Dichloroethane
Concen: 53.354 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	20.2	





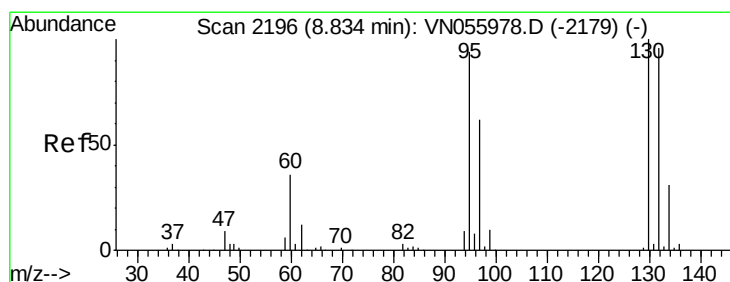
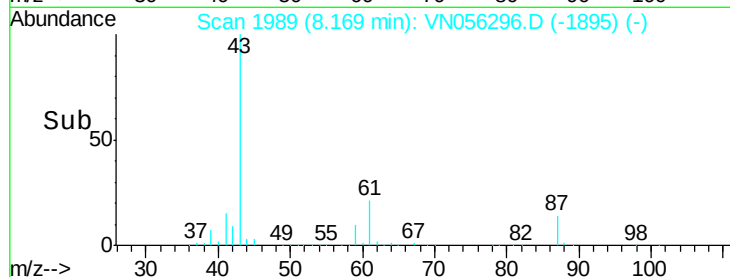
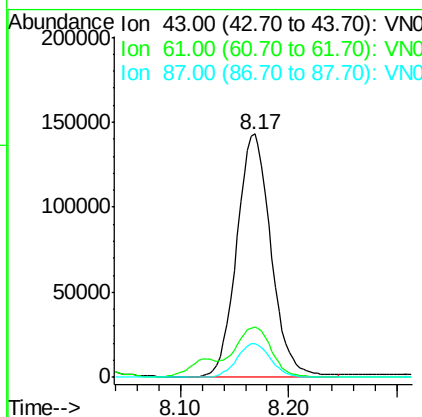
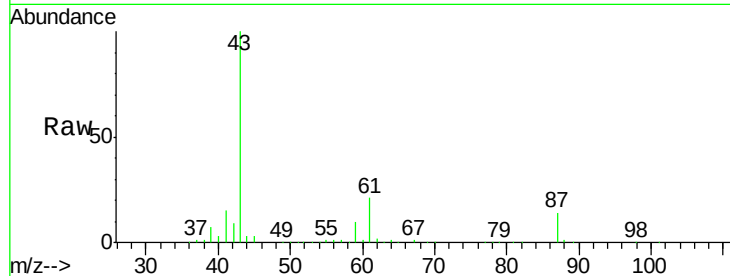
#43
Isopropyl Acetate
Concen: 52.312 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Instrument :
MSVOA_N
ClientSampleId :
MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.6	22.2	33.4#
87	13.9	11.4	17.2

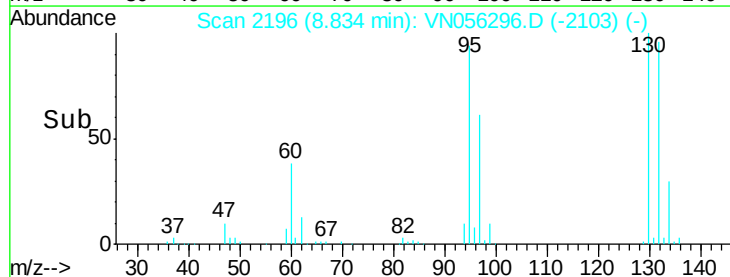
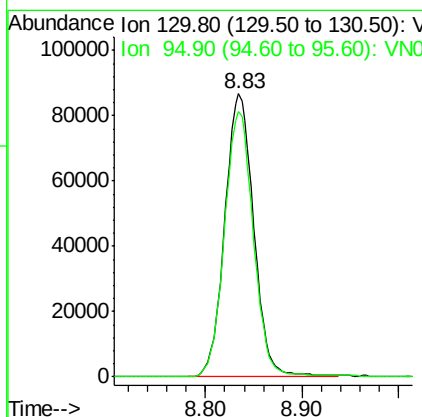
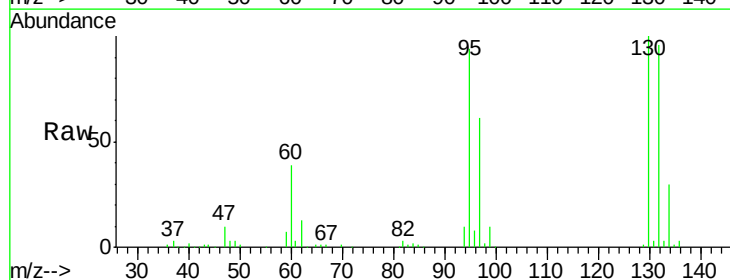
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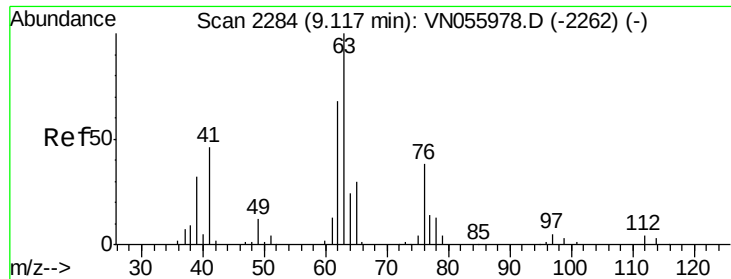
MMDadoda
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#44
Trichloroethene
Concen: 49.383 ug/l
RT: 8.83 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	188.0





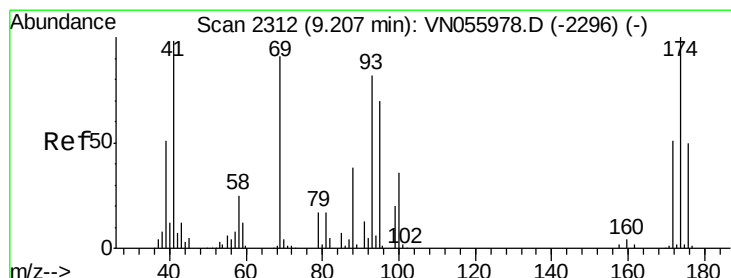
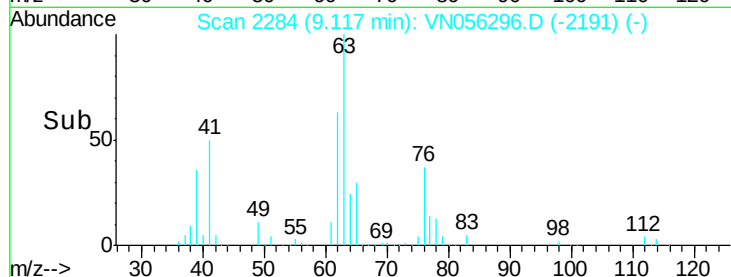
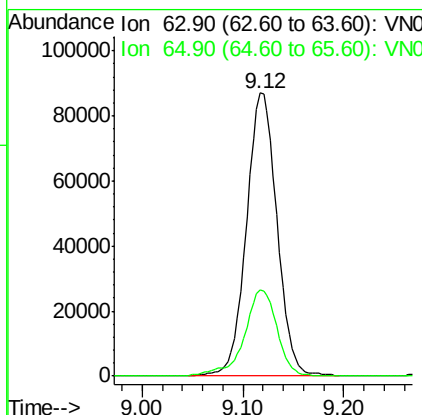
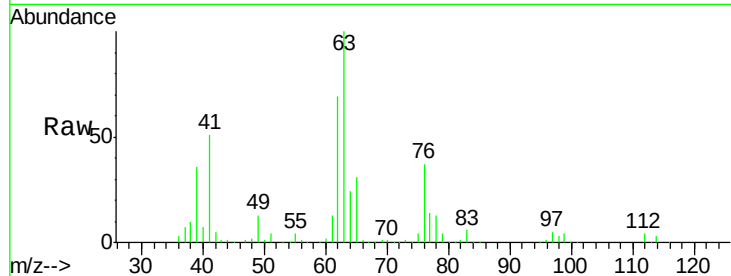
#45
 1,2-Dichloropropane
 Concen: 56.053 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5_061219MS

Tot Ion: 63 Resp: 182068
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.6 36.8

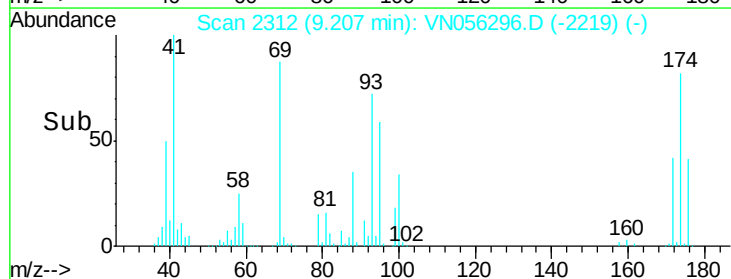
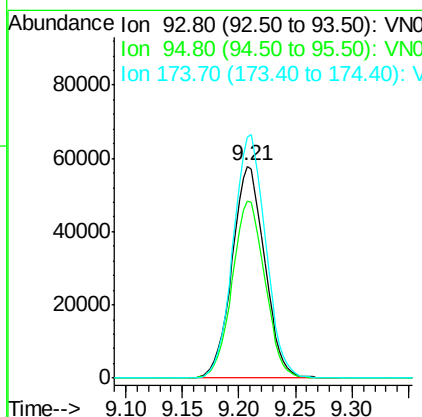
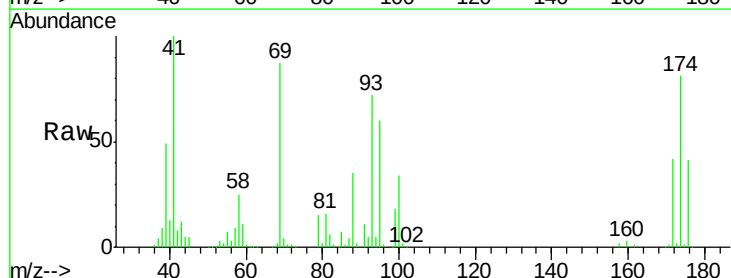
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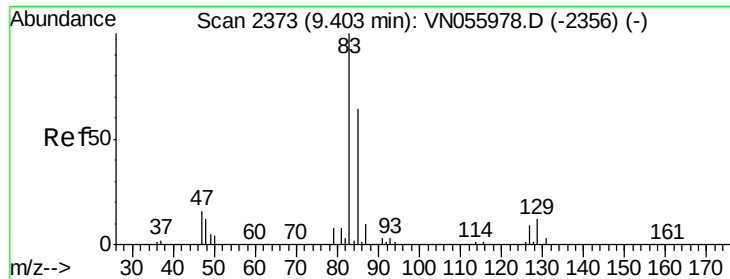
MMDadoda
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#46
 Dibromomethane
 Concen: 54.821 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Tgt Ion: 93 Resp: 116441
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.7 100.1
 174 114.5 96.4 144.6





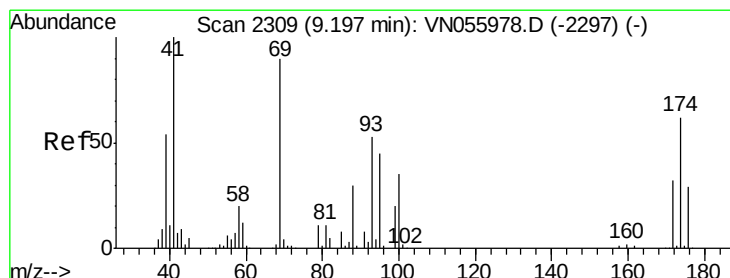
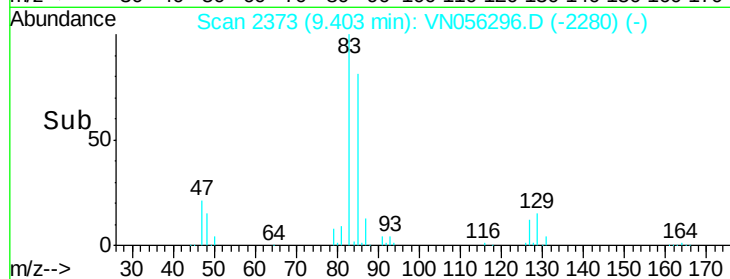
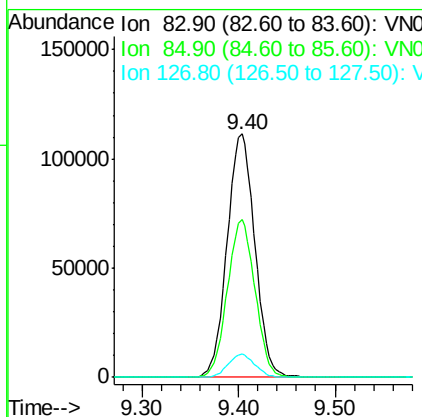
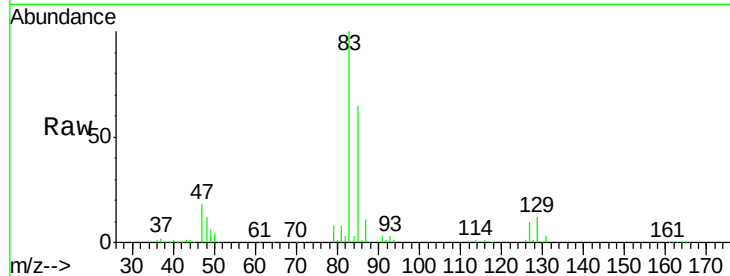
#47
Bromodichloromethane
Concen: 57.727 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Instrument :
MSVOA_N
ClientSampleId :
MW-5_061219MS

Tot Ion	83	Resp	222225
Ion Ratio	100	Lower	Upper
83	100		
85	64.7	52.2	78.2
127	9.6	7.4	11.0

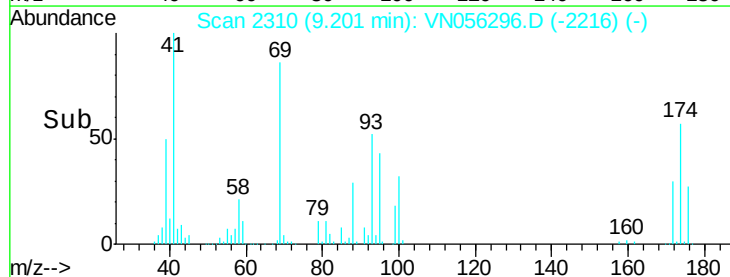
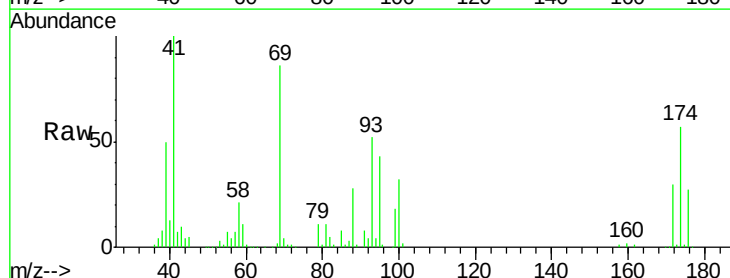
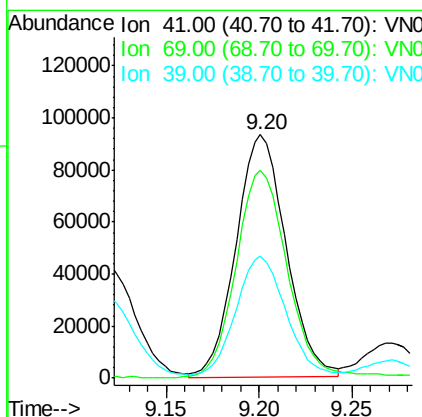
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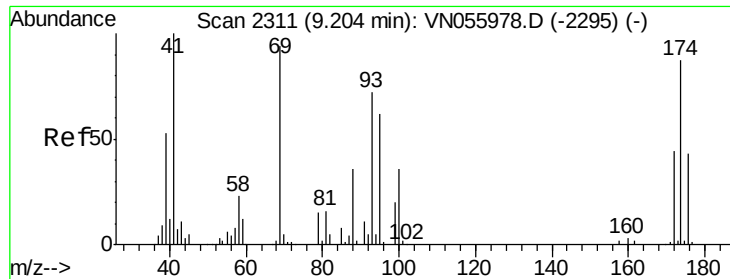
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#48
Methyl methacrylate
Concen: 59.794 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion	41	Resp	176099
Ion Ratio	100	Lower	Upper
41	100		
69	88.3	71.0	106.6
39	50.3	44.2	66.2





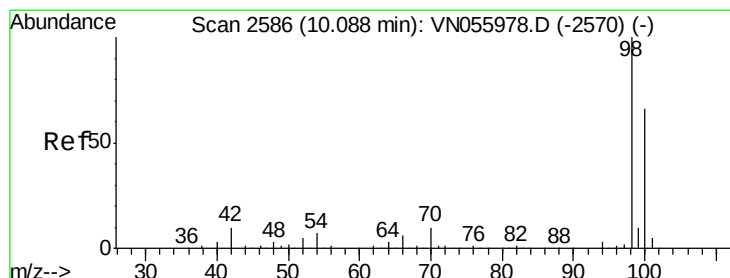
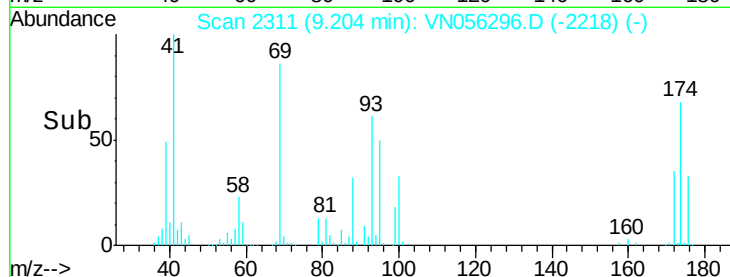
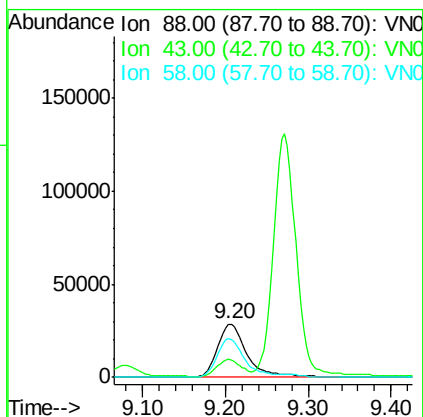
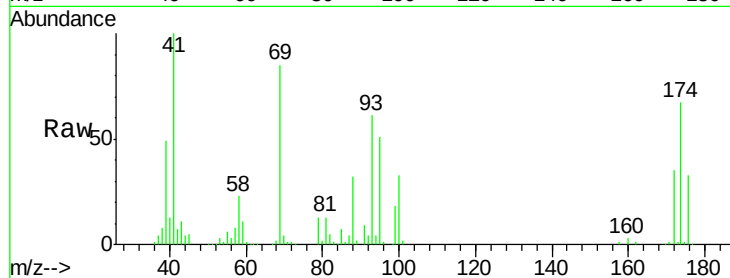
#49
1,4-Dioxane
Concen: 1112.932 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Instrument :
MSVOA_N
ClientSampleId :
MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.4	20.5	30.7
58	72.5	55.8	83.6

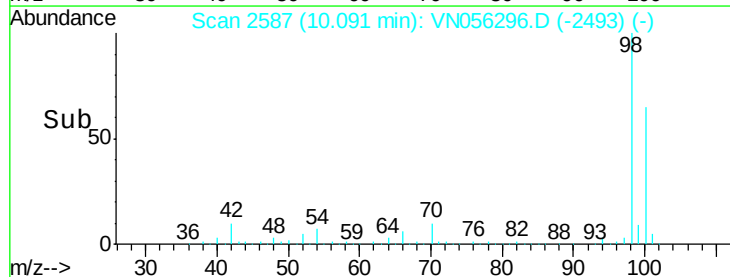
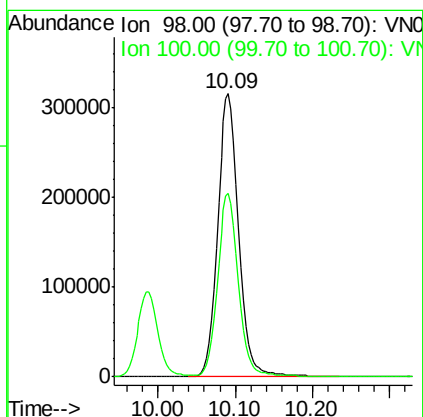
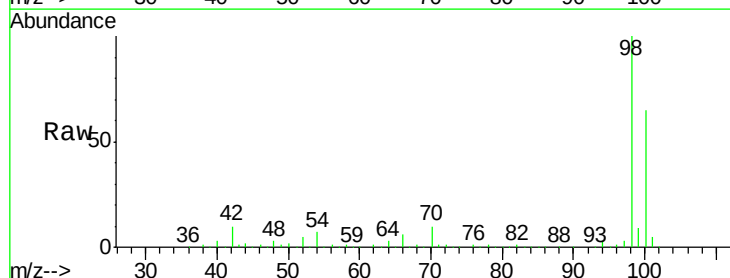
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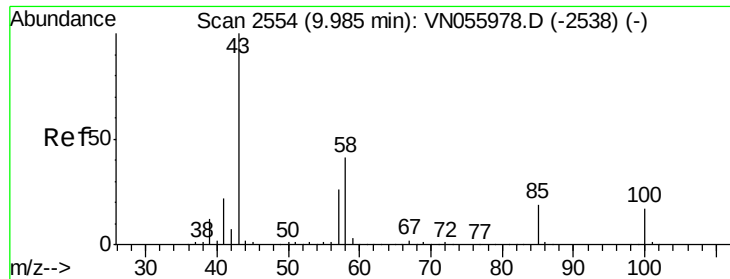
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#50
Toluene-d8
Concen: 52.251 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 302.010 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

MW-5_061219MS

Tot Ion: 43 Resp: 1136920

Ion Ratio Lower Upper

43 100

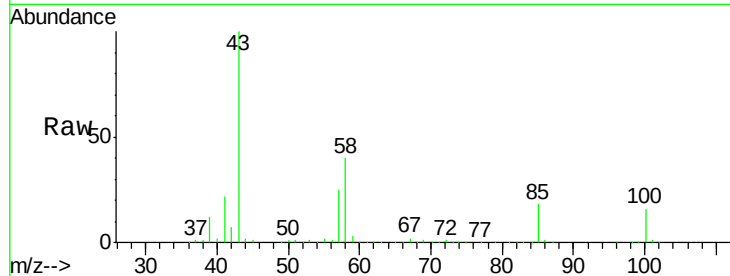
58 39.7 32.1 48.1

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

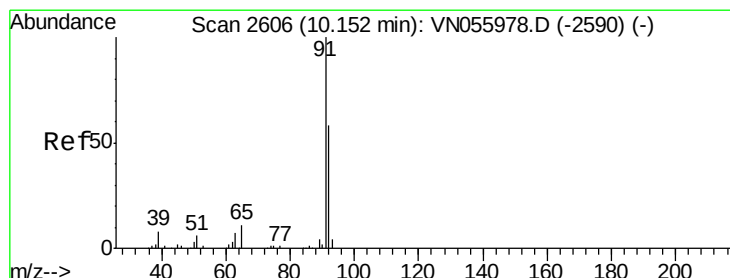
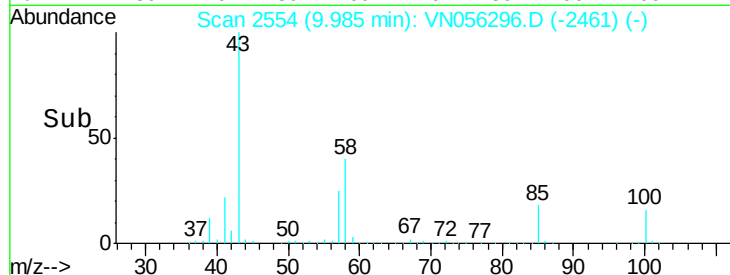
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.587 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056296.D

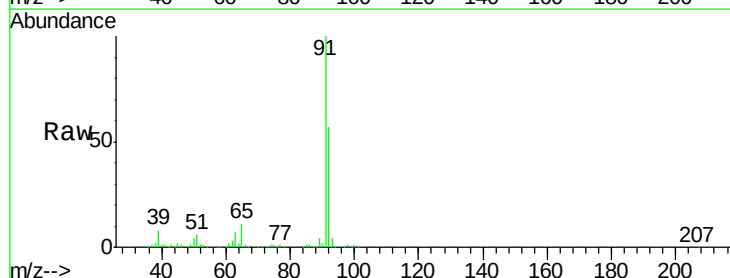
Acq: 13 Jun 2019 21:05

Tgt Ion: 92 Resp: 407063

Ion Ratio Lower Upper

92 100

91 175.6 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

400000

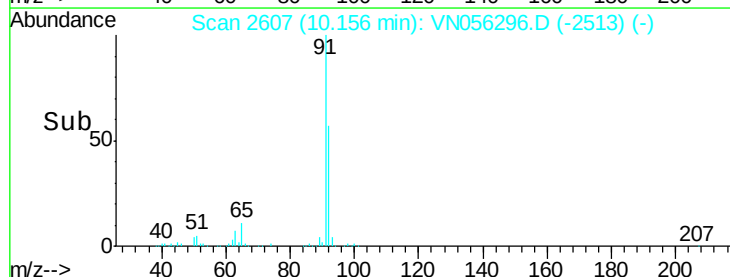
300000

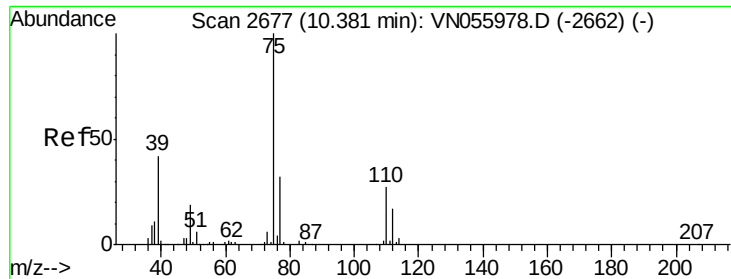
200000

100000

0

Time-->





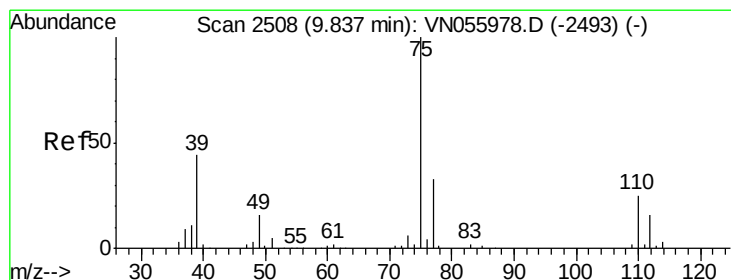
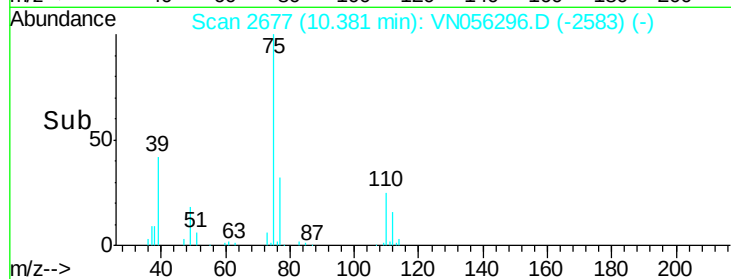
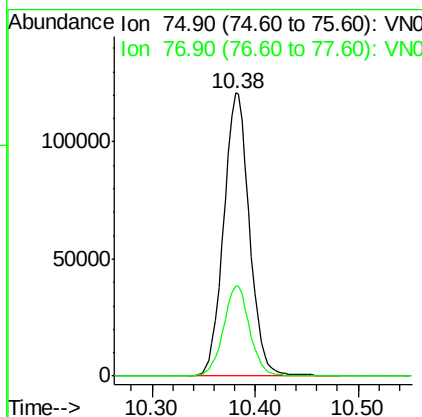
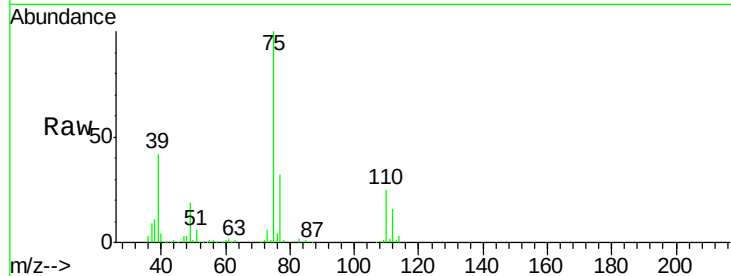
#53
 t-1,3-Dichloropropene
 Concen: 46.862 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.6

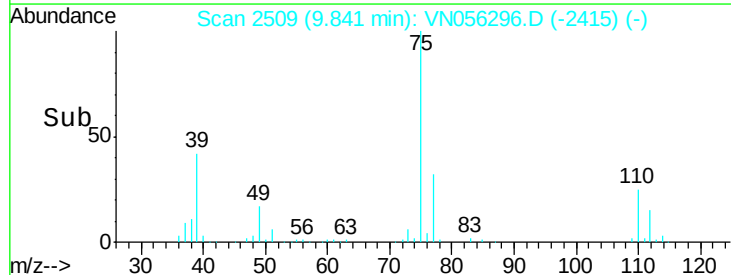
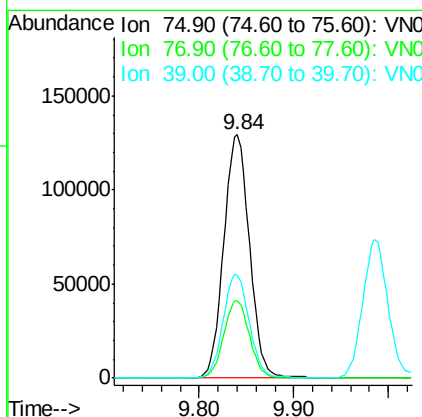
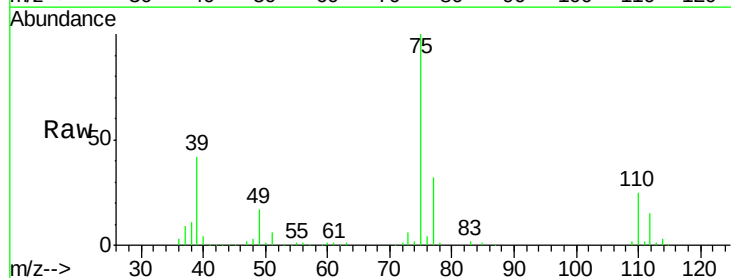
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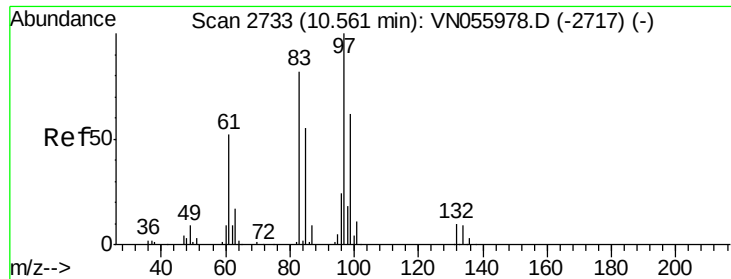
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#54
 cis-1,3-Dichloropropene
 Concen: 52.973 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.4	38.0
39	42.3	36.3	54.5





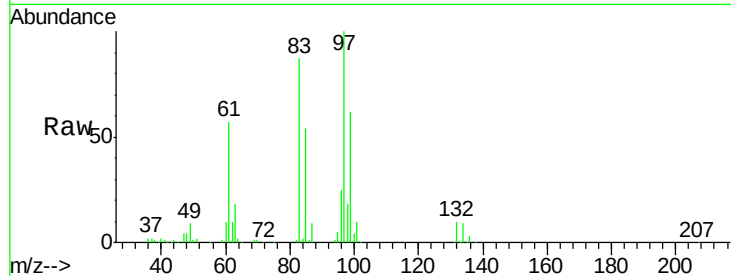
#55
 1,1,2-Trichloroethane
 Concen: 55.813 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5_061219MS

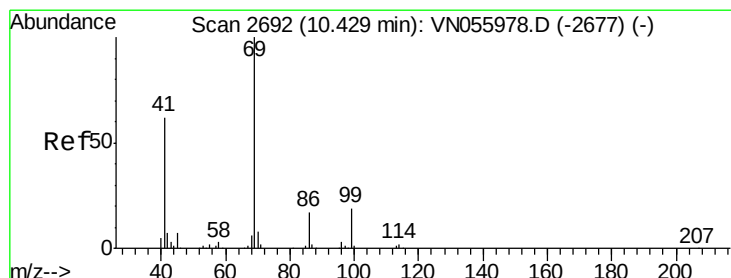
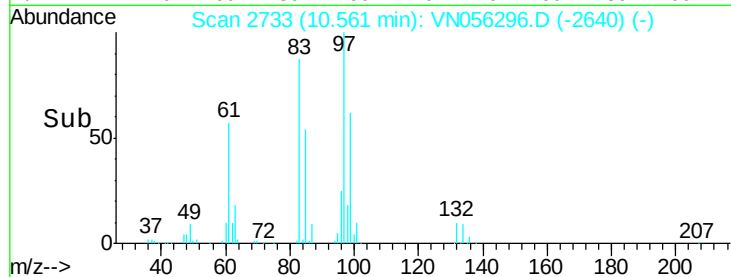
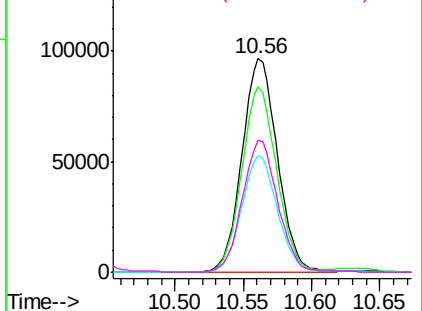
Tot Ion:	97	Resp:	174453
Ion	Ratio	Lower	Upper
97	100		
83	87.0	67.0	100.6
85	54.3	44.0	66.0
99	61.3	50.6	75.8

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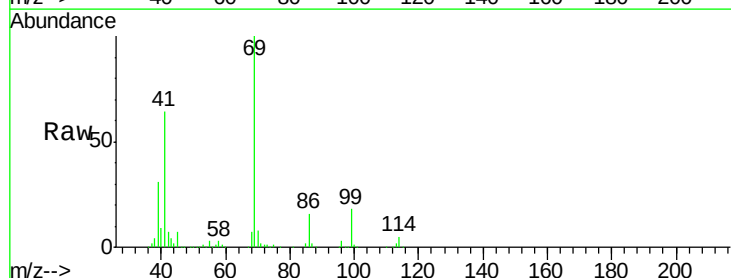


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

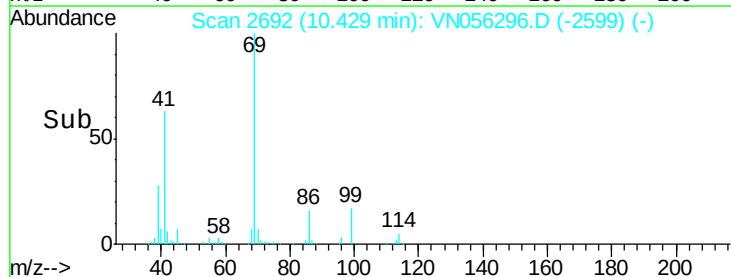
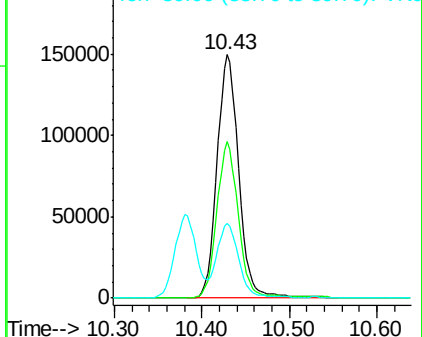


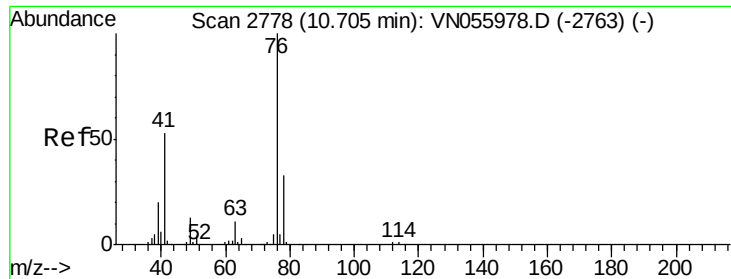
#56
 Ethyl methacrylate
 Concen: 56.585 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Tgt Ion:	69	Resp:	258028
Ion	Ratio	Lower	Upper
69	100		
41	62.4	49.7	74.5
39	30.3	24.7	37.1



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





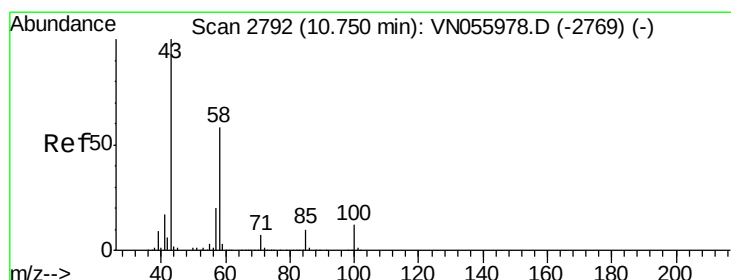
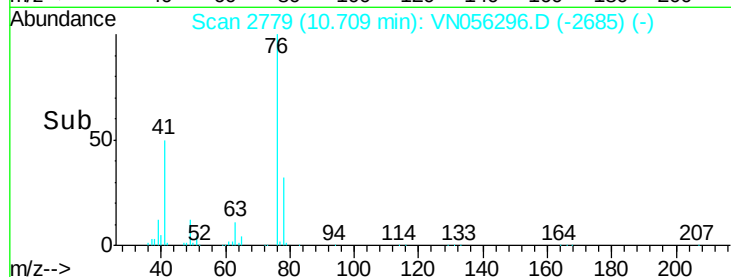
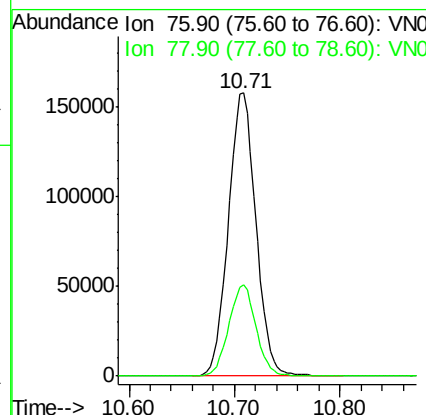
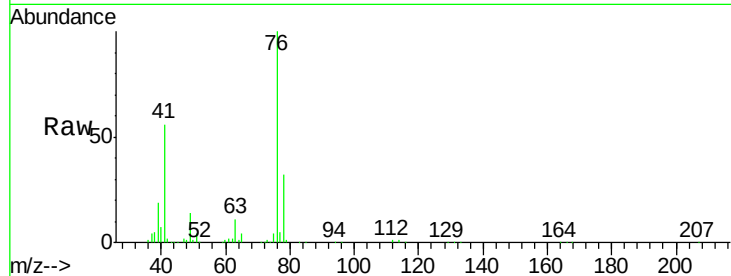
#57
 1,3-Dichloropropane
 Concen: 56.125 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.8	38.6

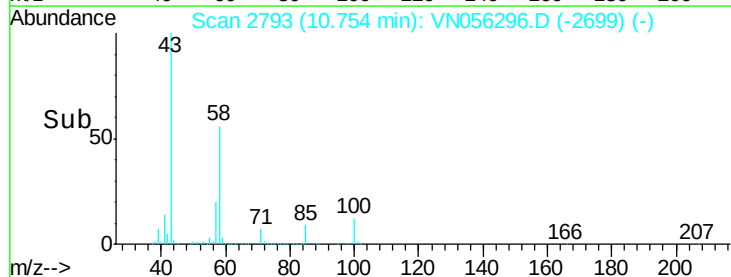
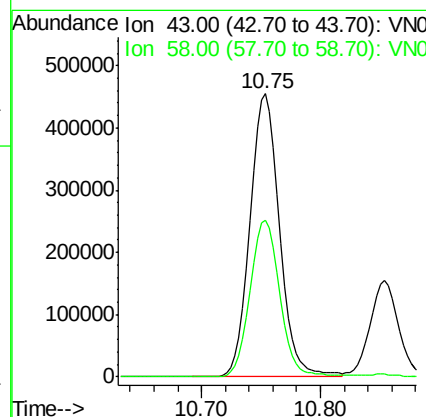
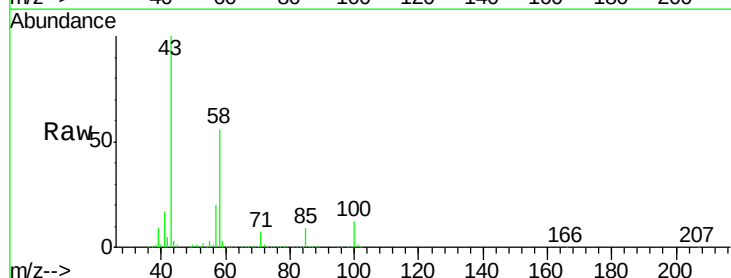
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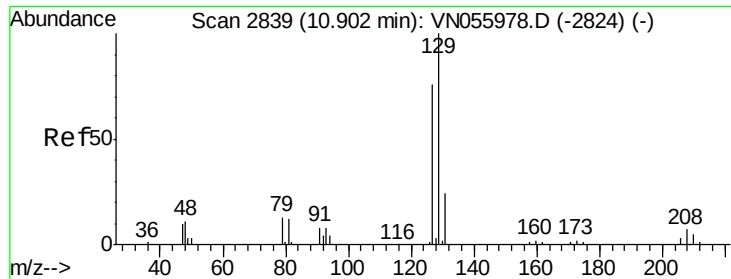
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#59
 2-Hexanone
 Concen: 286.572 ug/l
 RT: 10.75 min Scan# 2793
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Tgt Ion	Ratio	Lower	Upper
43	100		
58	56.3	28.2	84.7





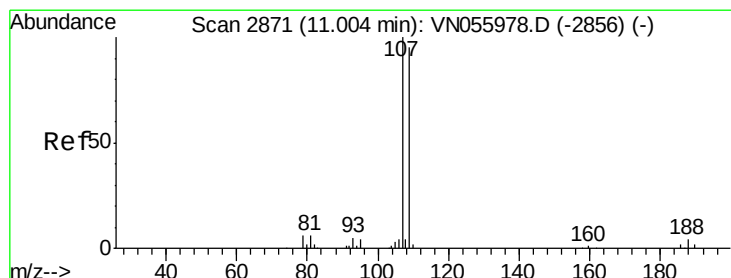
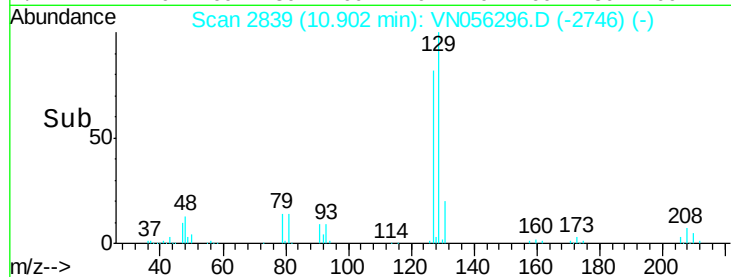
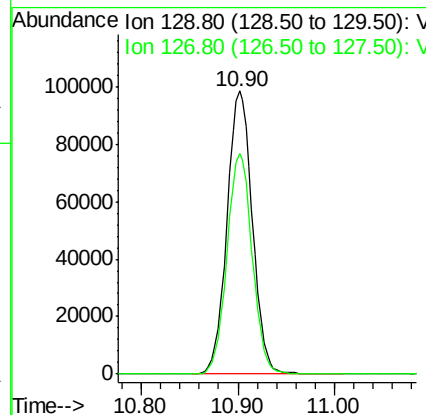
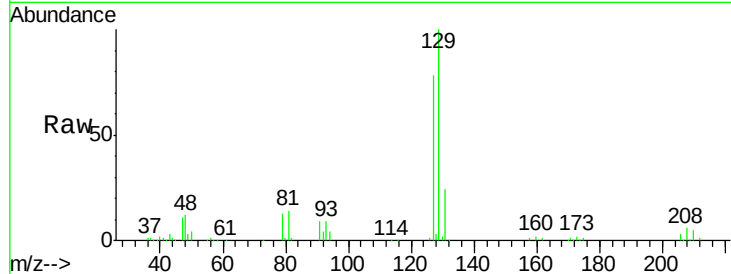
#60
Dibromochloromethane
Concen: 51.934 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Instrument :
MSVOA_N
ClientSampleId :
MW-5_061219MS

Tot Ion:129 Resp: 179377
Ion Ratio Lower Upper
129 100
127 77.4 38.1 114.3

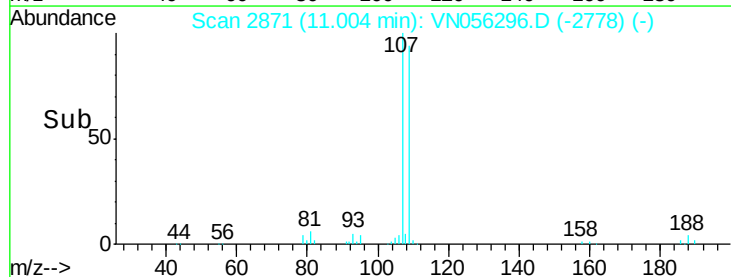
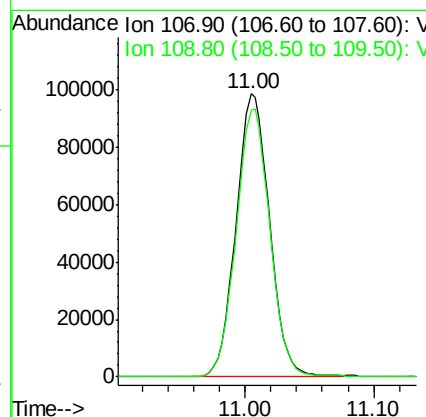
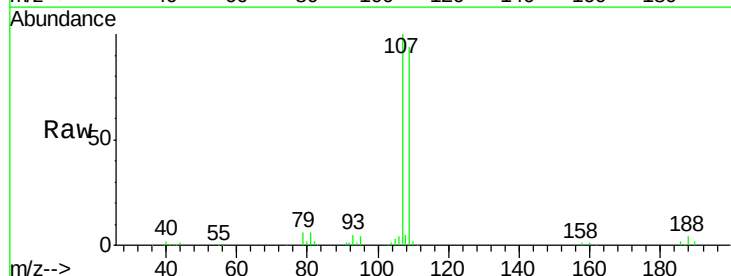
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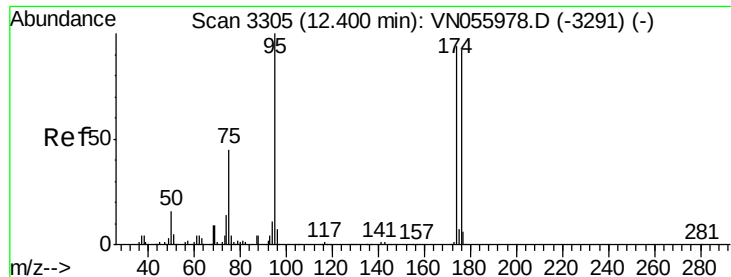
MMDadoda
6/14/2019 9:36:46 AM



#61
1,2-Dibromoethane
Concen: 55.706 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion:107 Resp: 178003
Ion Ratio Lower Upper
107 100
109 95.6 74.8 112.2





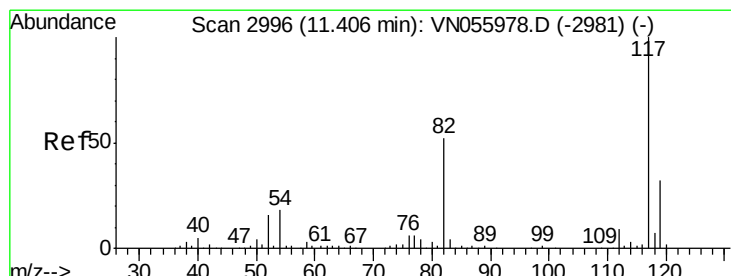
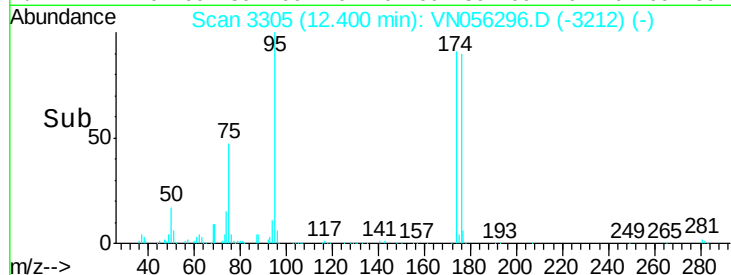
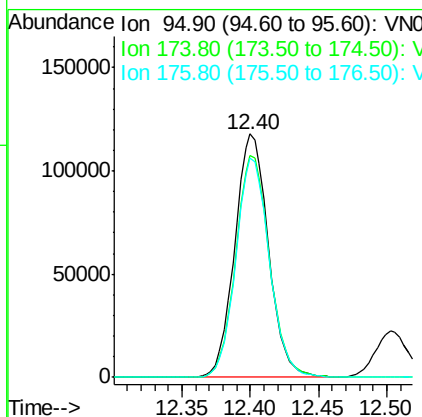
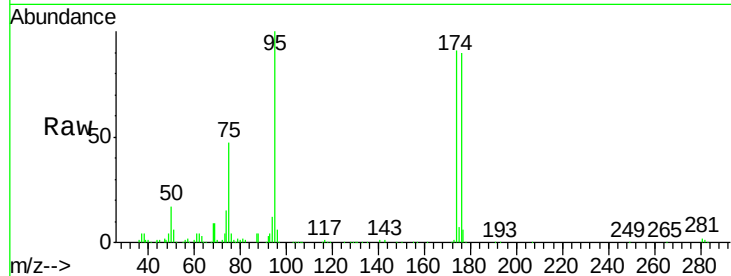
#62
4-Bromofluorobenzene
Concen: 51.747 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Instrument :
MSVOA_N
ClientSampleId :
MW-5_061219MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	201733		
174	91.6	0.0	191.0	
176	89.8	0.0	185.2	

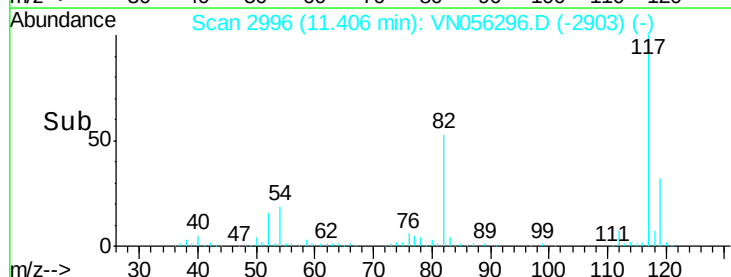
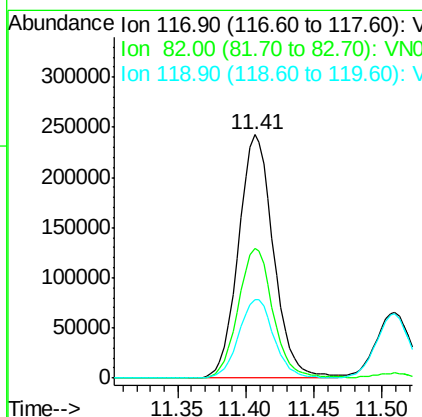
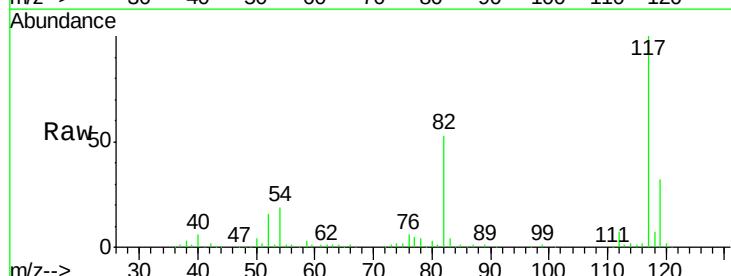
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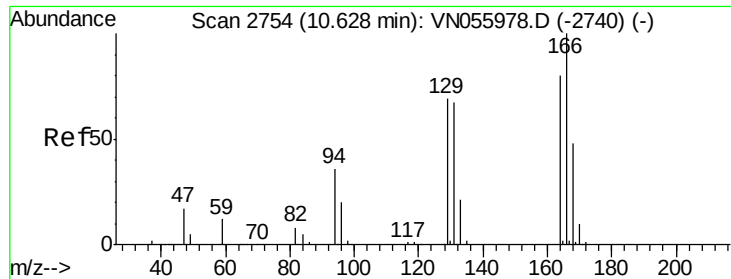
MMDadoda
6/14/2019 9:36:46 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	432982		
82	53.3	41.8	62.8	
119	32.3	25.4	38.0	





#64

Tetrachloroethene

Concen: 42.849 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

MW-5_061219MS

Tot Ion:164 Resp: 160597

Ion Ratio Lower Upper

164 100

166 128.0 103.0 154.6

129 87.8 70.6 105.8

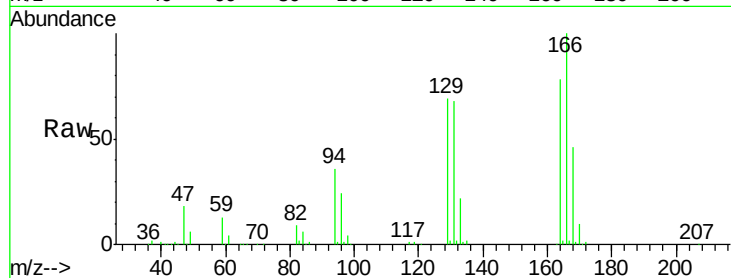
131 86.7 68.6 102.8

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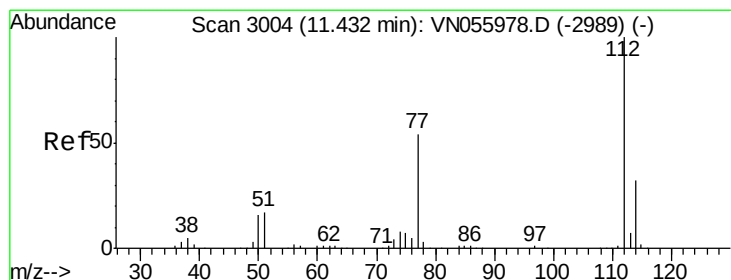
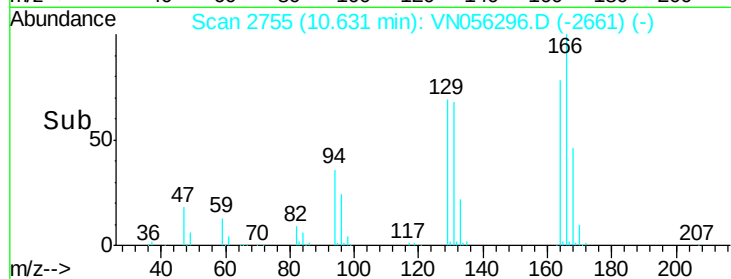
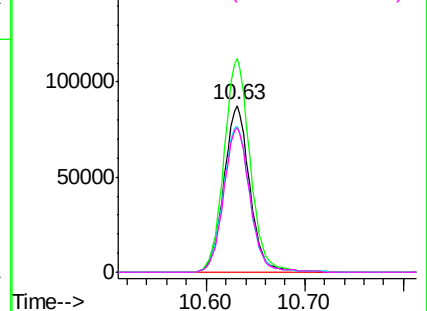


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 51.876 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN056296.D

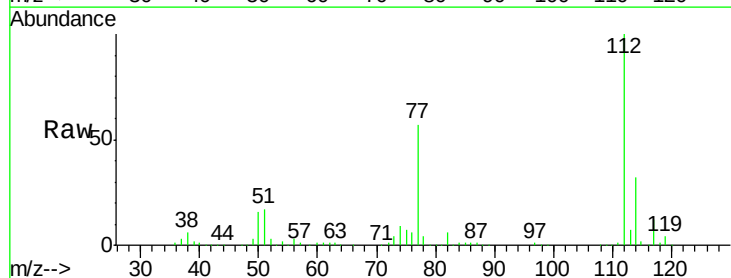
Acq: 13 Jun 2019 21:05

Tgt Ion:112 Resp: 447028

Ion Ratio Lower Upper

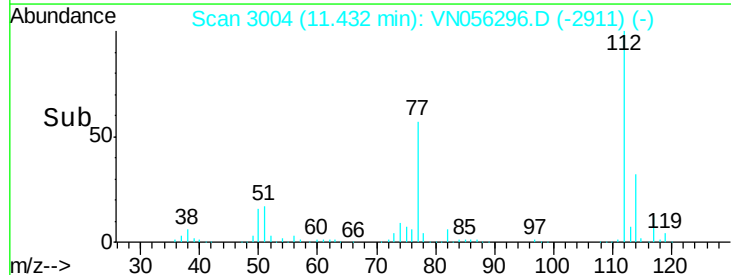
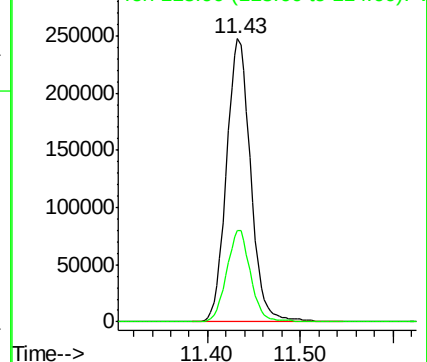
112 100

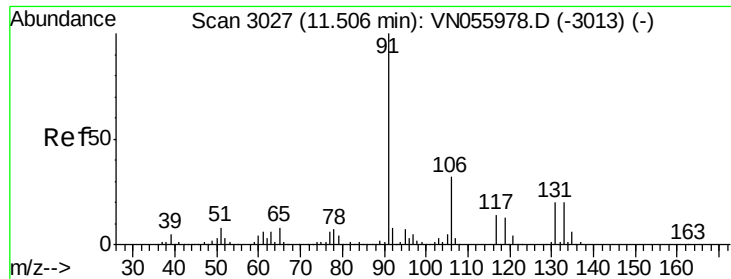
114 32.4 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 55.890 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

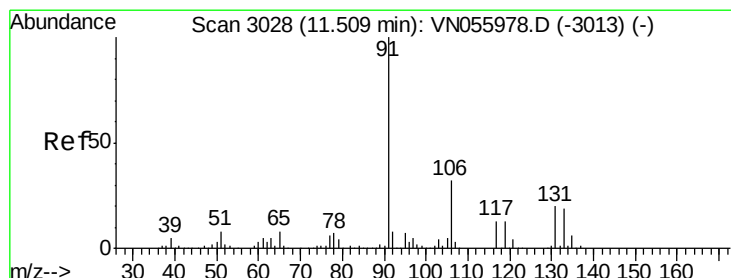
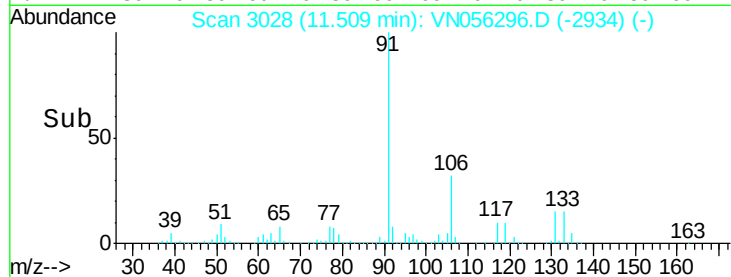
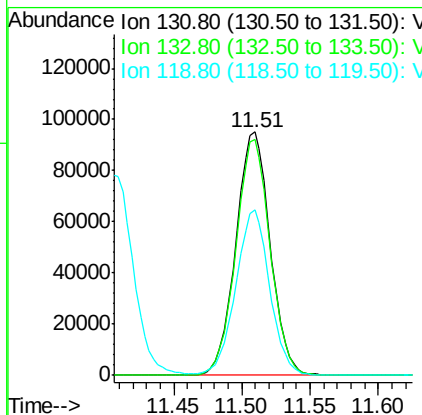
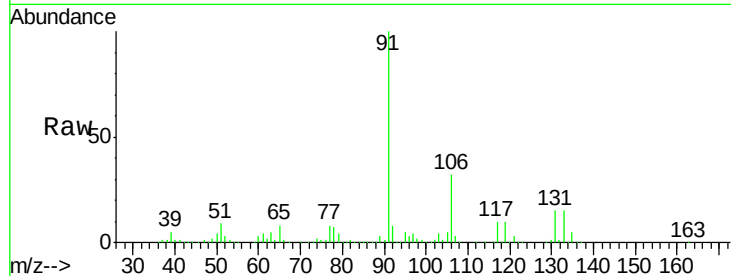
ClientSampleId :

MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.5	48.0	144.0
119	67.1	33.1	99.5

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#67

Ethyl Benzene

Concen: 71.827 ug/l

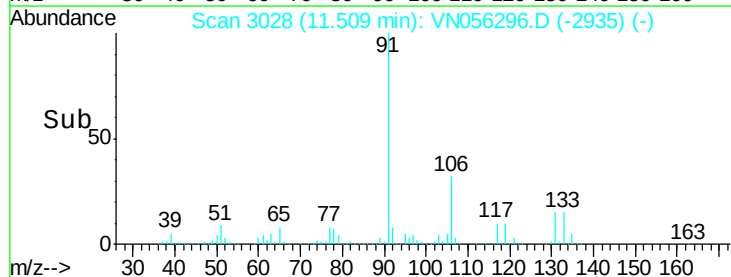
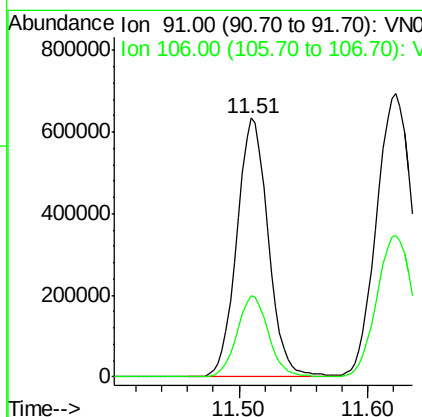
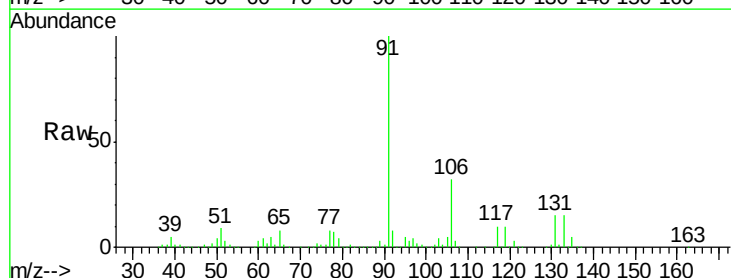
RT: 11.51 min Scan# 3028

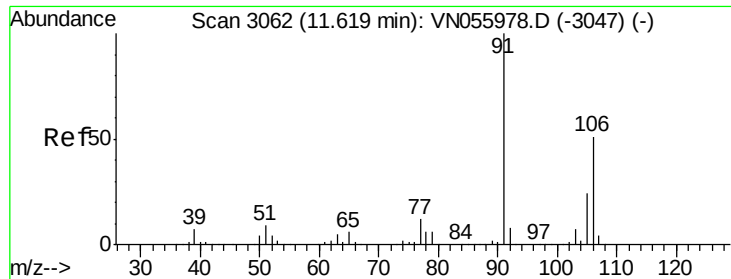
Delta R.T. -0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.1	37.7





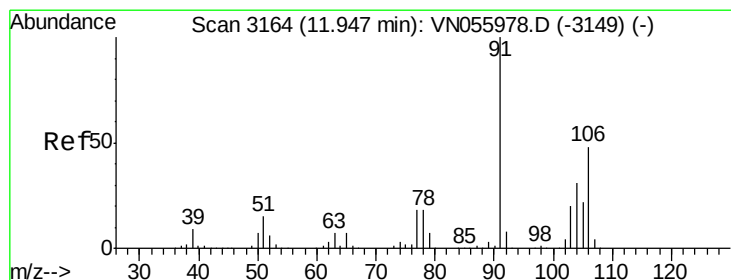
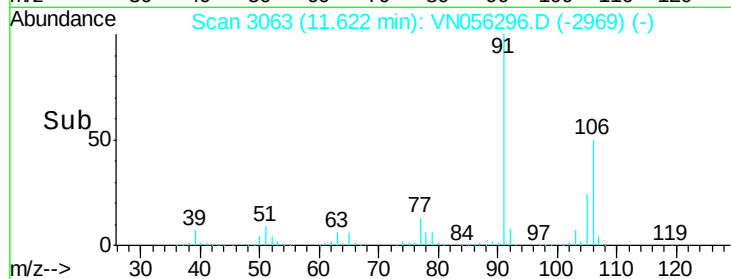
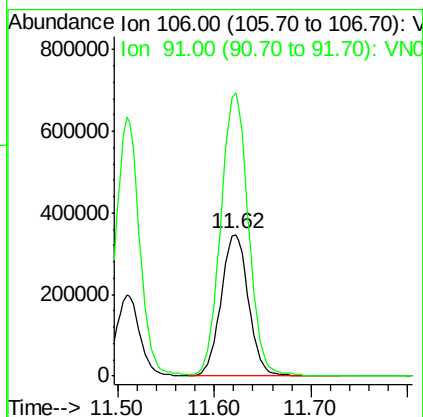
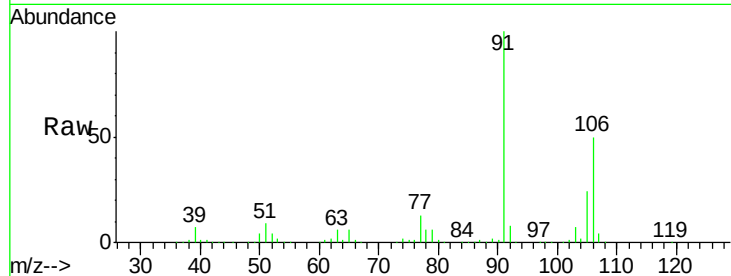
#68
m/p-Xylenes
Concen: 119.958 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Instrument :
MSVOA_N
ClientSampleId :
MW-5_061219MS

Tot Ion:106 Resp: 686641
Ion Ratio Lower Upper
106 100
91 200.9 159.3 238.9

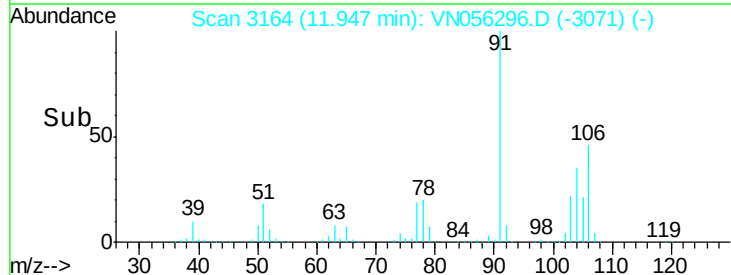
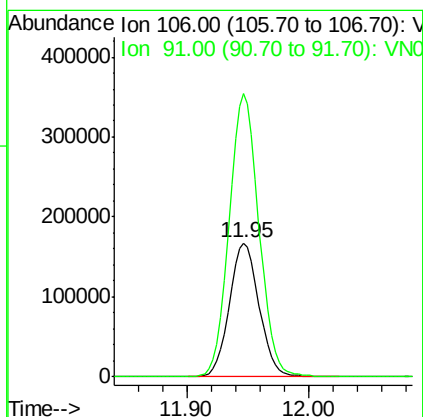
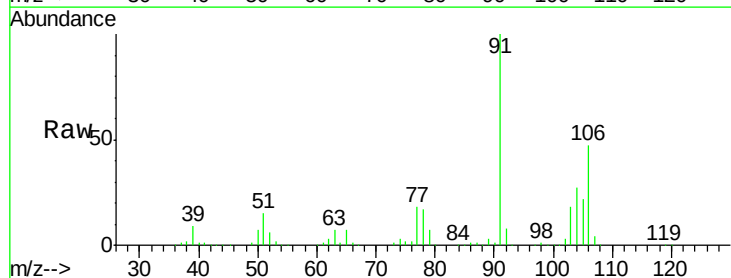
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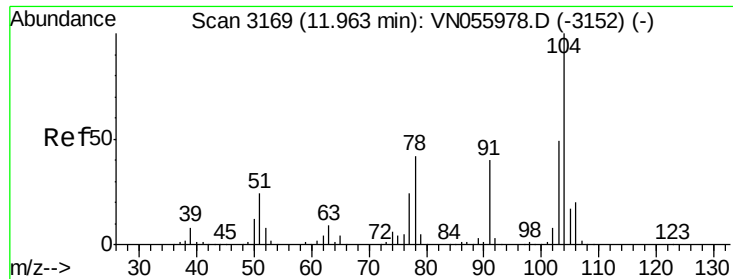
MMDadoda
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#69
o-Xylene
Concen: 50.508 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion:106 Resp: 284388
Ion Ratio Lower Upper
106 100
91 211.3 104.7 314.1





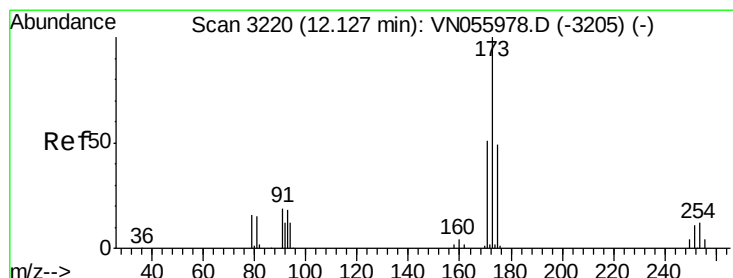
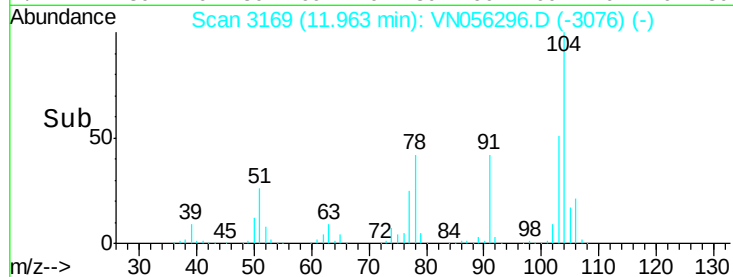
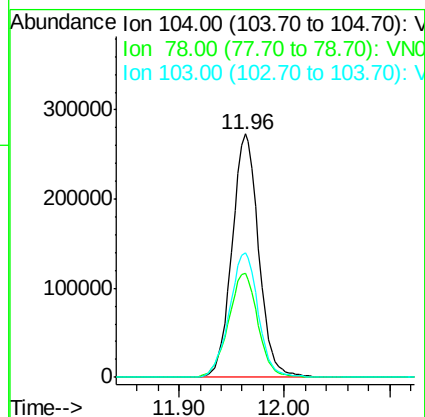
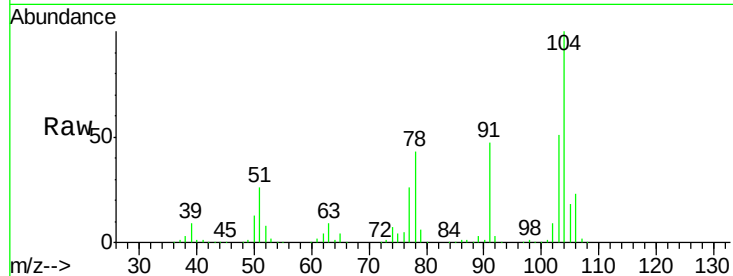
#70
Stvrene
Concen: 53.270 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Instrument :
MSVOA_N
ClientSampleId :
MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.3	37.8	56.6
103	55.4	44.2	66.2

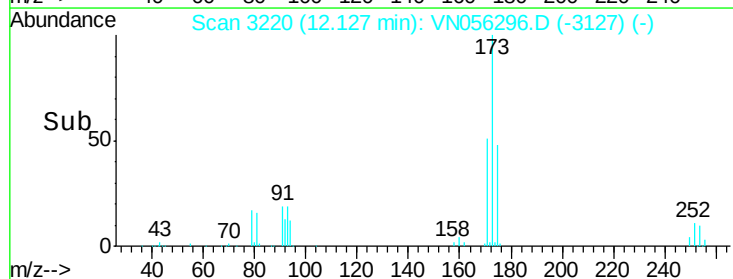
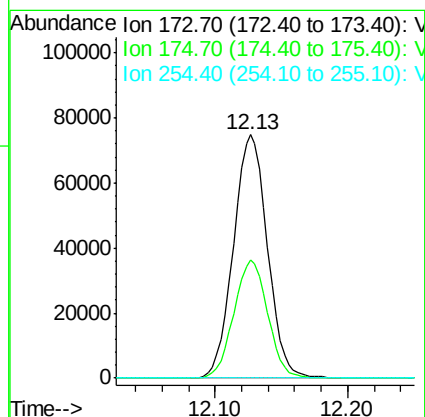
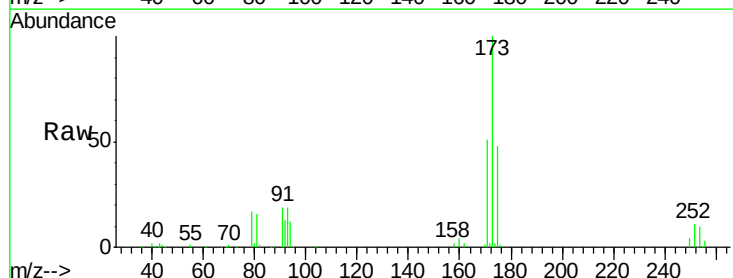
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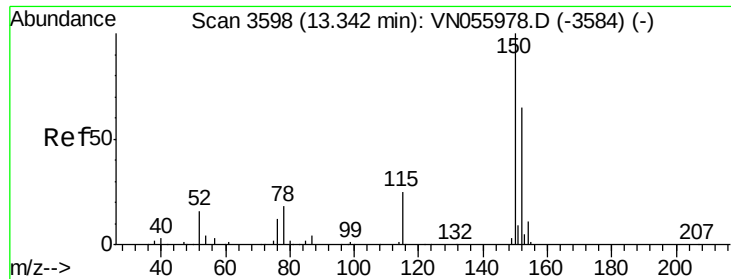
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#71
Bromoform
Concen: 52.955 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.3	72.8
254	0.0	0.0	0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

MW-5_061219MS

Tot Ion:152 Resp: 183496

Ion Ratio Lower Upper

152 100

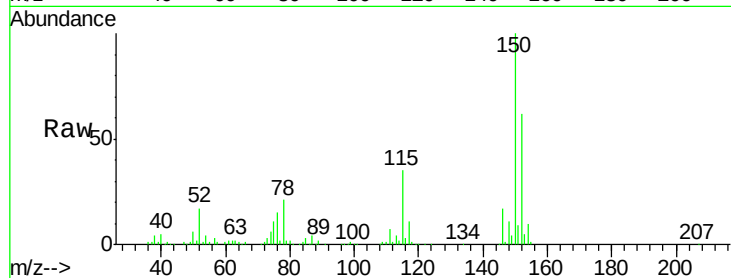
115 55.6 27.0 81.0

150 173.6 0.0 343.2

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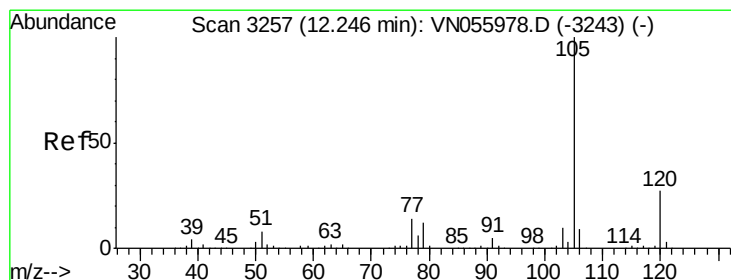
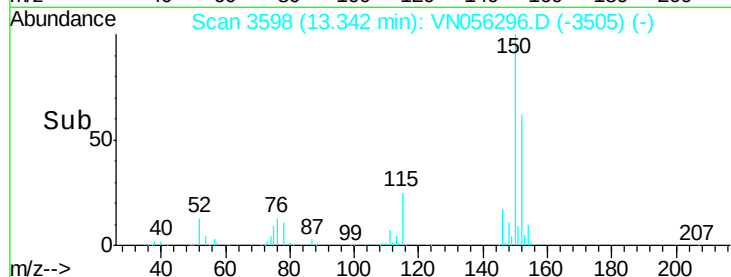
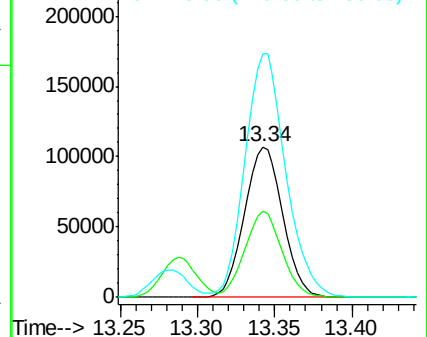
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 63.546 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056296.D

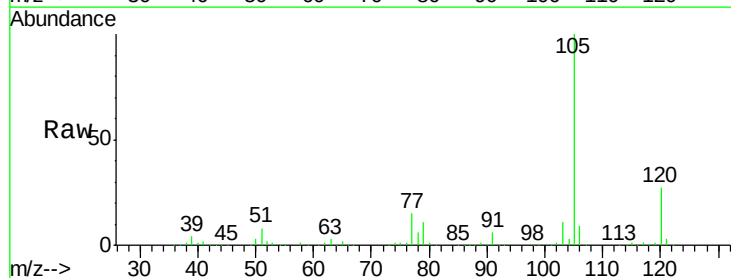
Acq: 13 Jun 2019 21:05

Tgt Ion:105 Resp: 822582

Ion Ratio Lower Upper

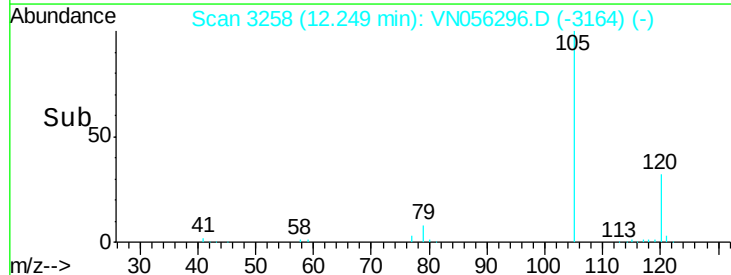
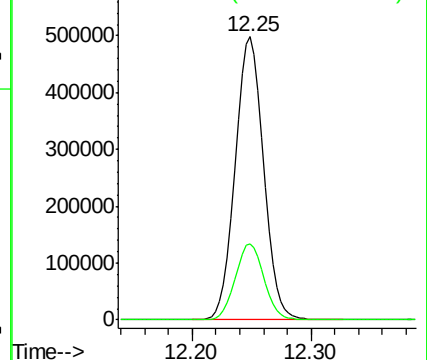
105 100

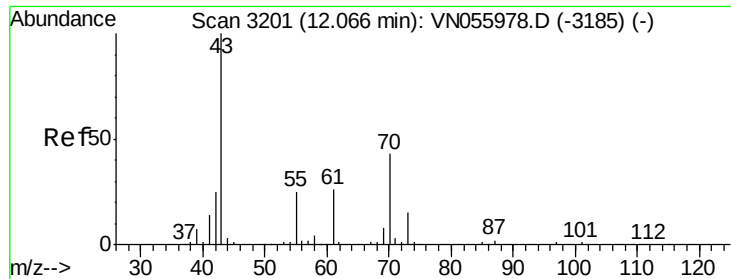
120 27.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 48.031 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

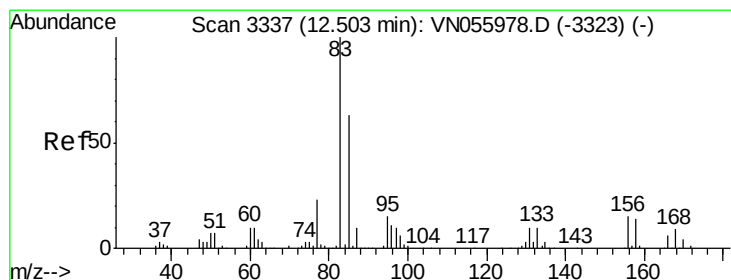
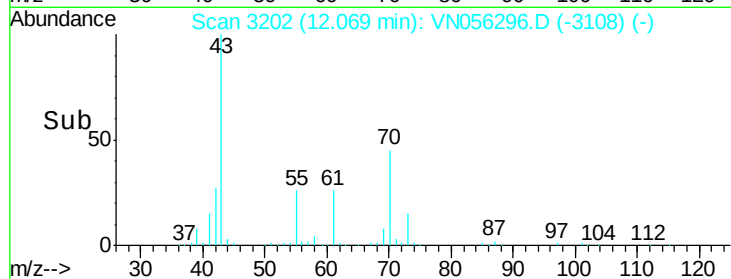
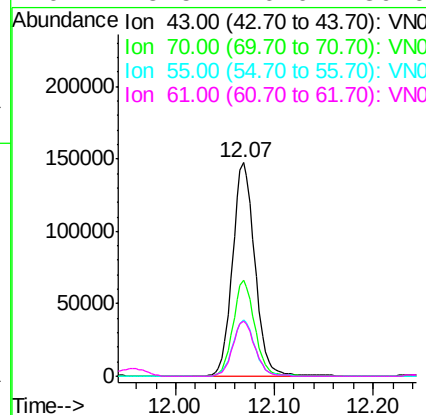
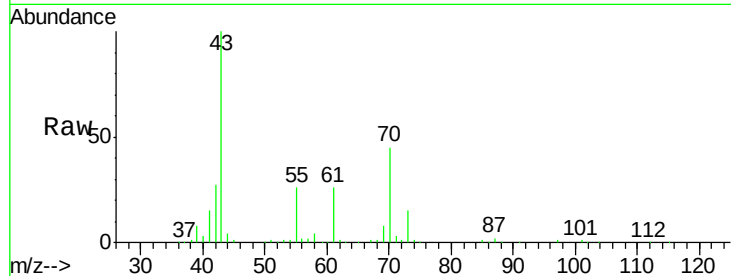
ClientSampleId :

MW-5_061219MS

Tot Ion	43	Resp	234935
Ion Ratio	Lower	Upper	
43	100		
70	43.6	34.0	51.0
55	26.3	18.6	28.0
61	25.5	20.0	30.0

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#75

1,1,2,2-Tetrachloroethane

Concen: 57.663 ug/l

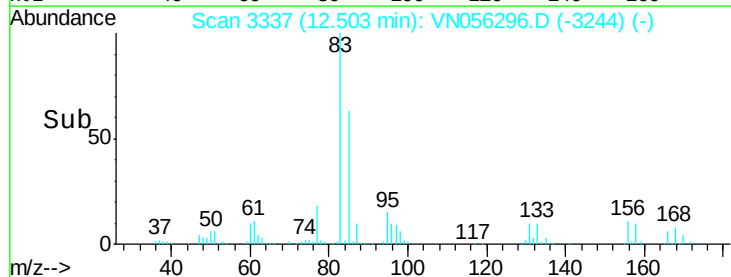
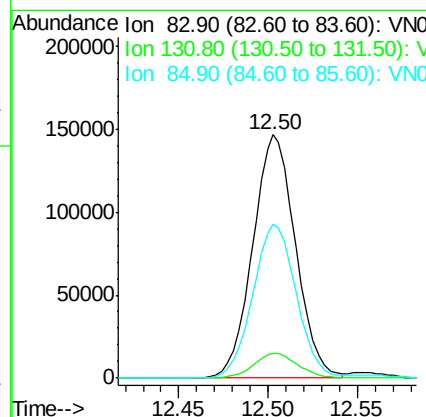
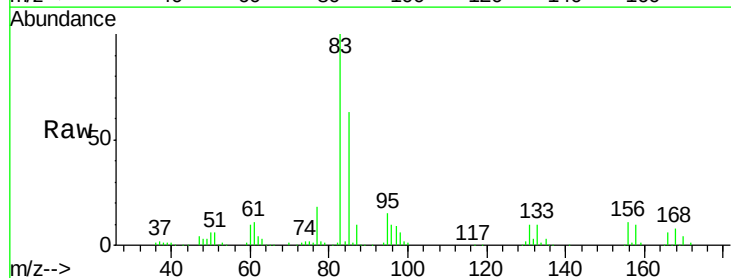
RT: 12.50 min Scan# 3337

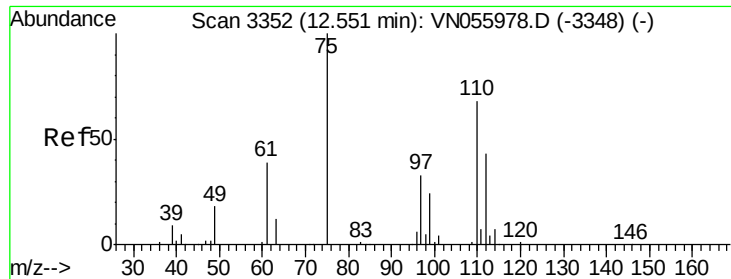
Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Tgt Ion	83	Resp	245628
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.4	16.2
85	64.2	32.4	97.0





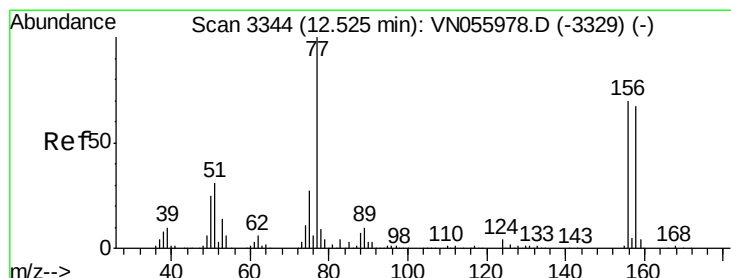
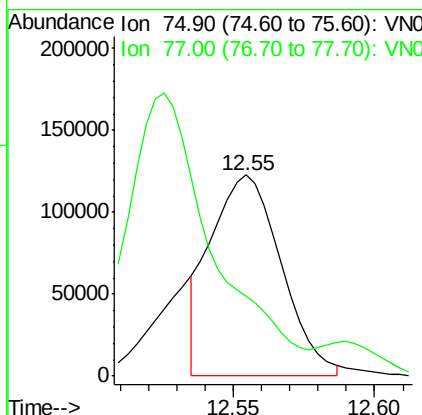
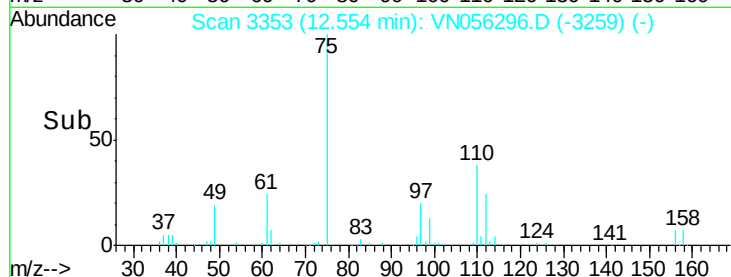
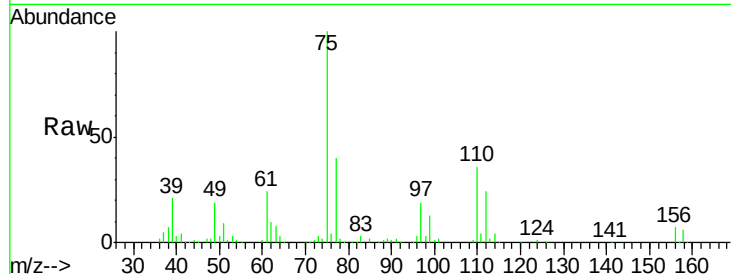
#76
 1,2,3-Trichloropropane
 Concen: 62.938 ug/l m
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5_061219MS

Tot Ion: 75 Resp: 212503
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

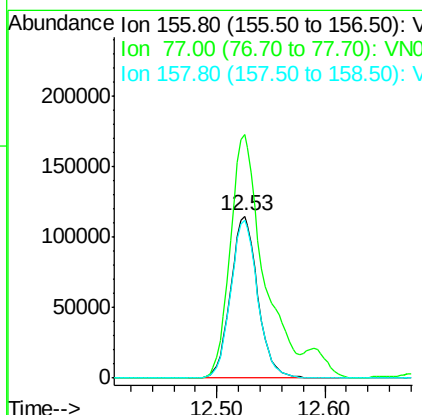
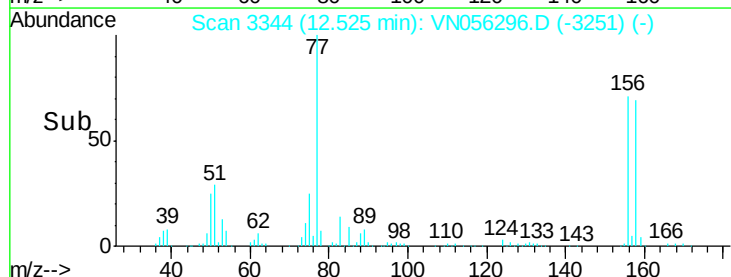
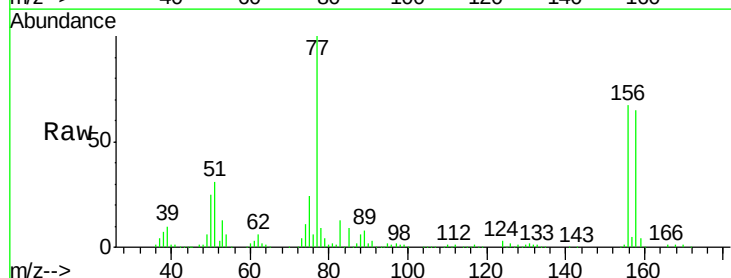
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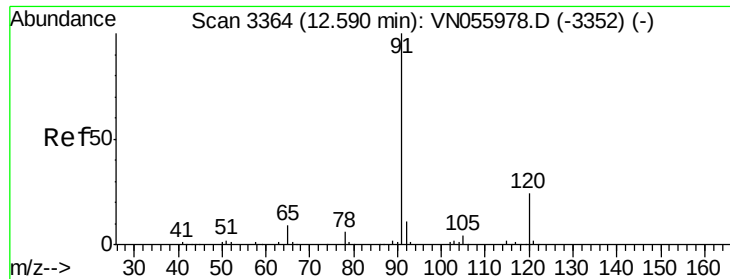
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#77
 Bromobenzene
 Concen: 51.206 ug/l
 RT: 12.53 min Scan# 3344
 Delta R.T. -0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Tgt Ion: 156 Resp: 201168
 Ion Ratio Lower Upper
 156 100
 77 183.4 90.8 272.5
 158 97.2 49.3 147.8





#78

n-propylbenzene

Concen: 56.296 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

MW-5_061219MS

Tot Ion: 91 Resp: 873913

Ion Ratio Lower Upper

91 100

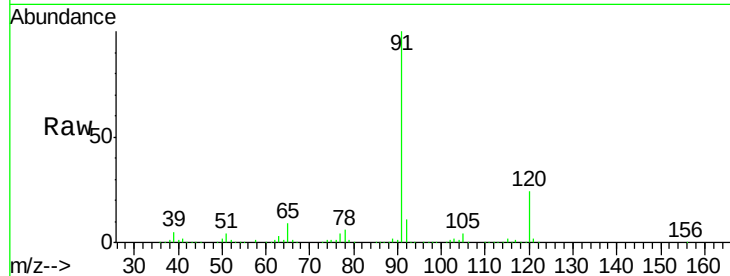
120 23.8 12.0 36.0

Manual Integrations

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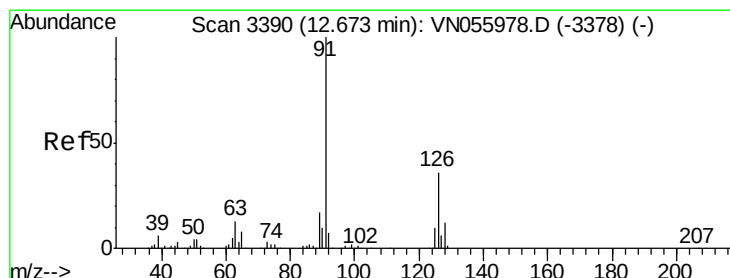
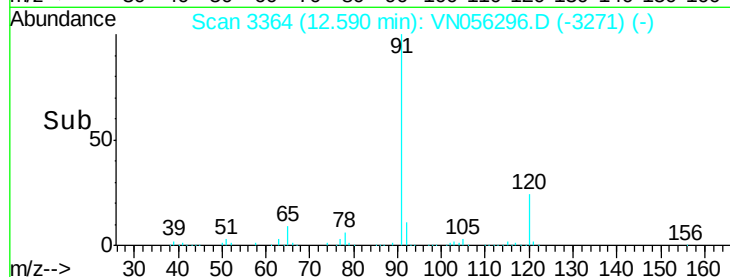
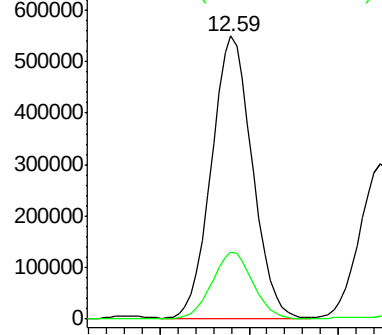
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 59.168 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056296.D

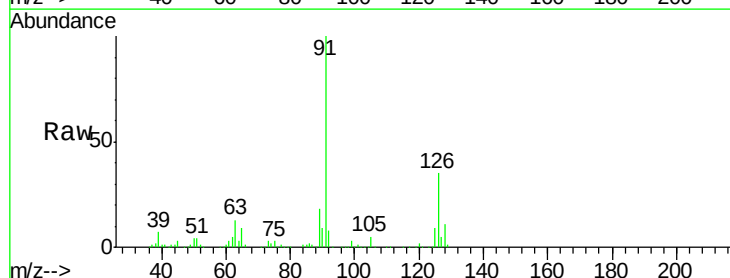
Acq: 13 Jun 2019 21:05

Tgt Ion: 91 Resp: 505801

Ion Ratio Lower Upper

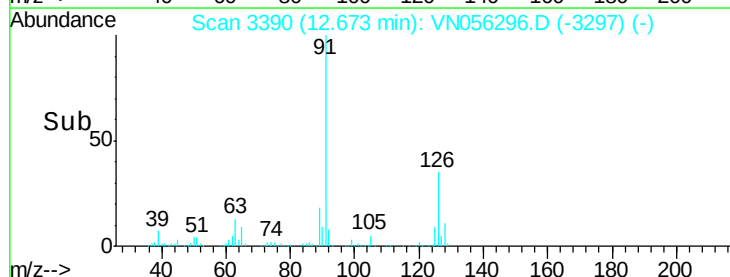
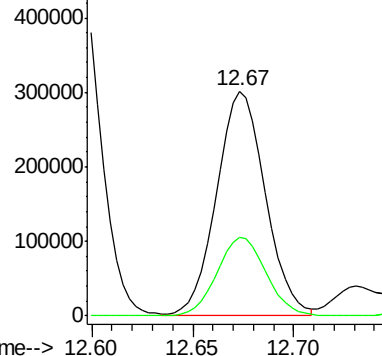
91 100

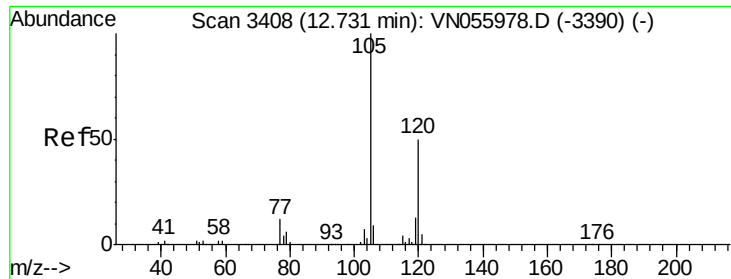
126 35.6 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





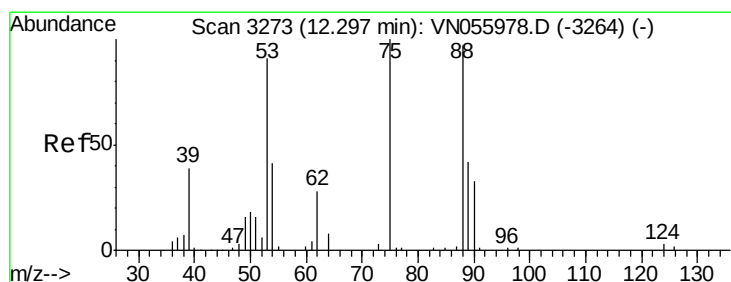
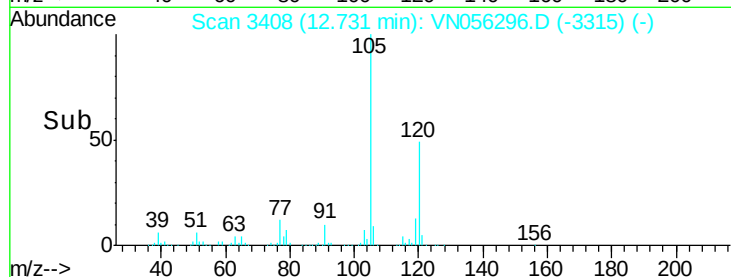
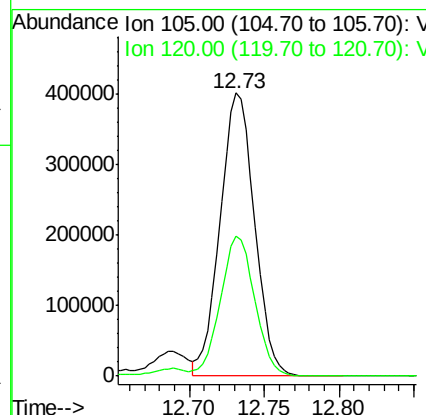
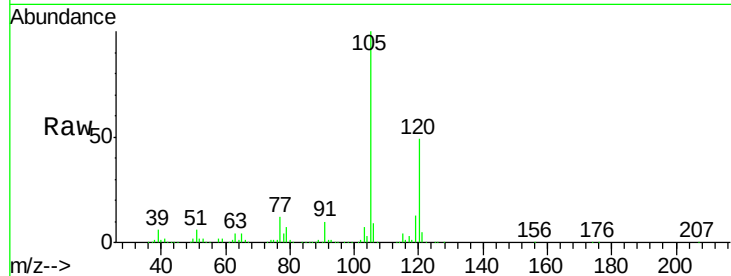
#80
 1,3,5-Trimethylbenzene
 Concen: 52.174 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5_061219MS

Tot Ion:105 Resp: 643704
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.7 74.1

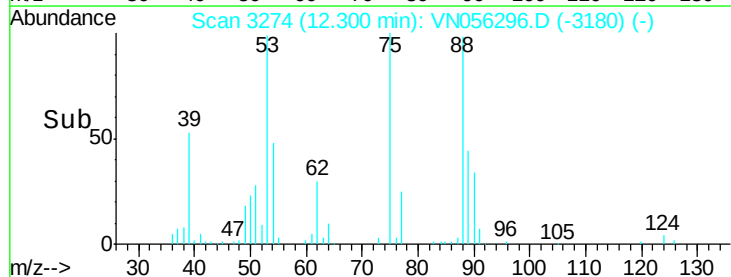
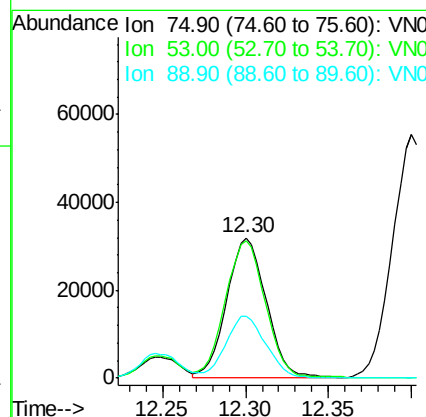
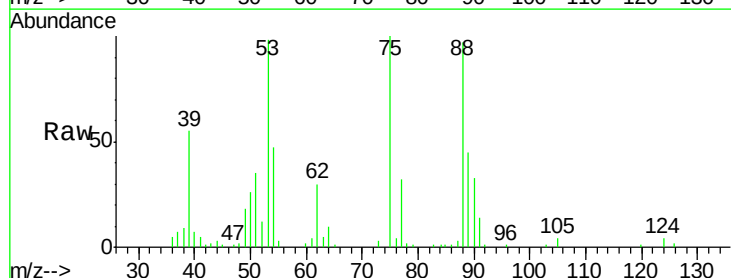
Manual Integrations
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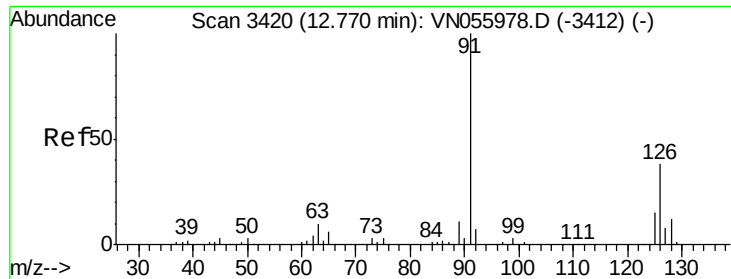
MMDadoda
 6/14/2019 9:36:46 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.440 ug/l
 RT: 12.30 min Scan# 3274
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Tgt Ion: 75 Resp: 53168
 Ion Ratio Lower Upper
 75 100
 53 99.9 68.1 102.1
 89 44.9 36.9 55.3





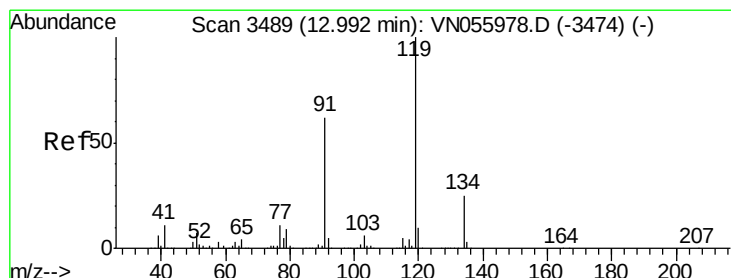
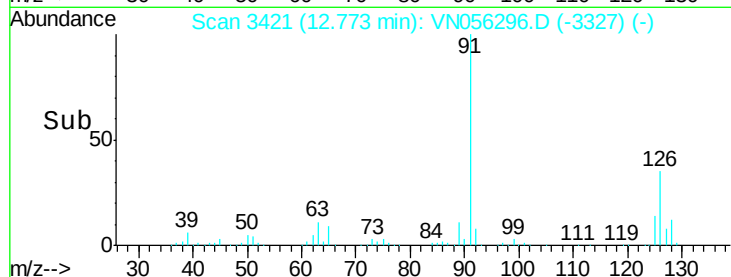
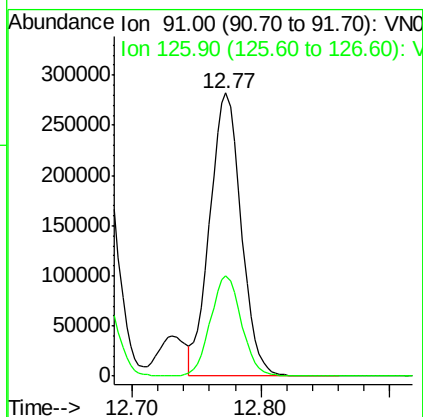
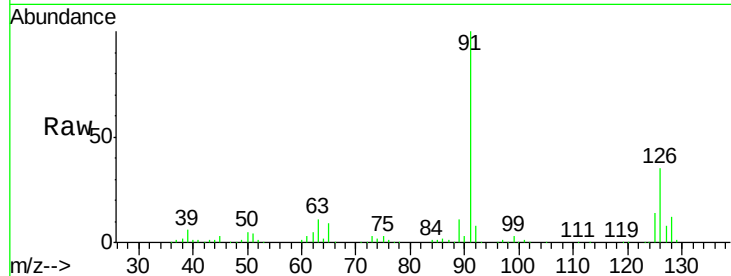
#82
4-Chlorotoluene
Concen: 52.326 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Instrument :
MSVOA_N
ClientSampleId :
MW-5_061219MS

Tot Ion: 91 Resp: 475226
Ion Ratio Lower Upper
91 100
126 35.2 17.8 53.3

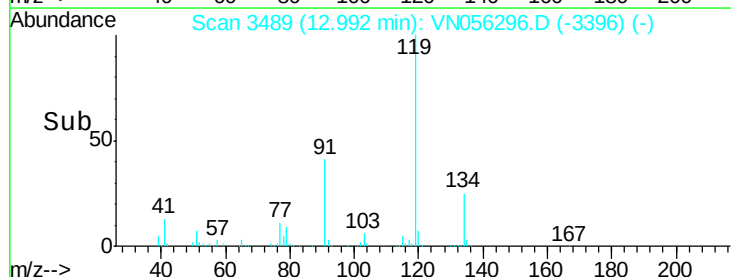
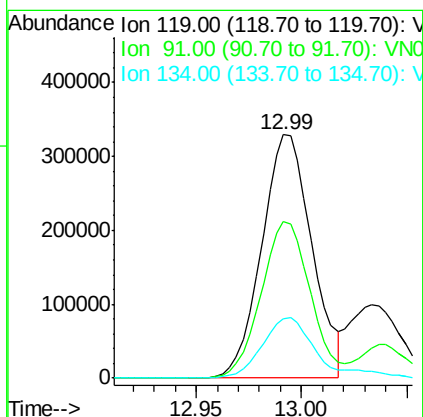
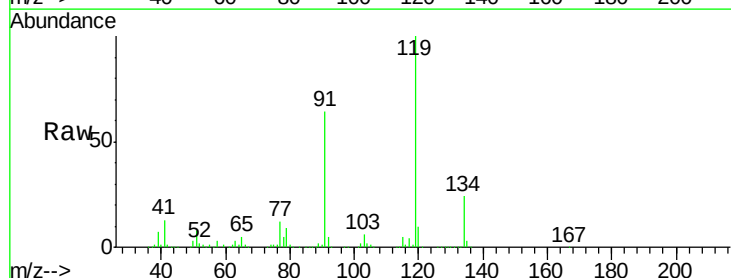
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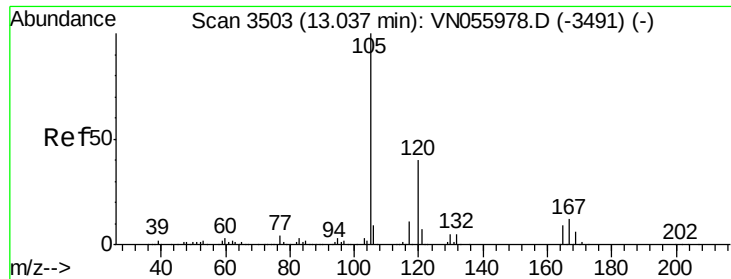
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#83
tert-Butylbenzene
Concen: 57.485 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion: 119 Resp: 546371
Ion Ratio Lower Upper
119 100
91 63.0 30.9 92.8
134 27.0 13.3 39.8





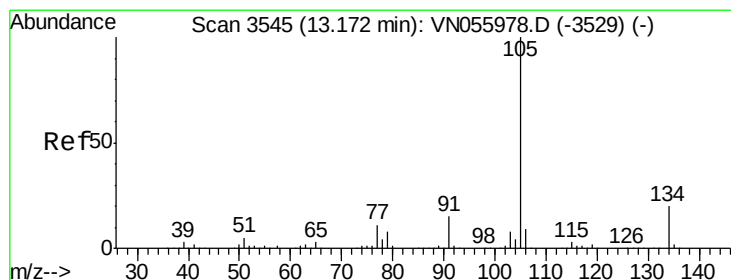
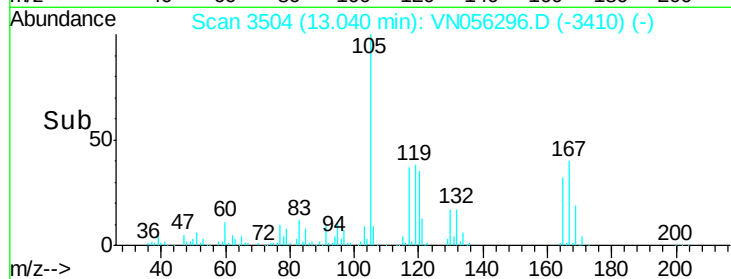
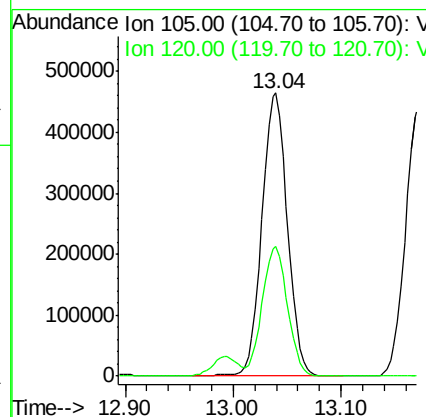
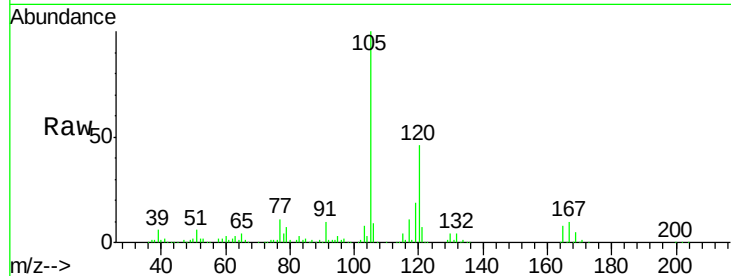
#84
 1,2,4-Trimethylbenzene
 Concen: 64.725 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.0	69.0

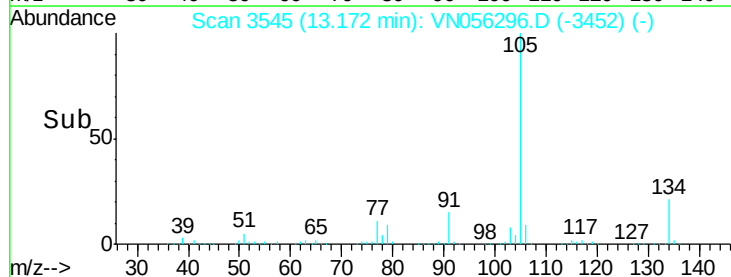
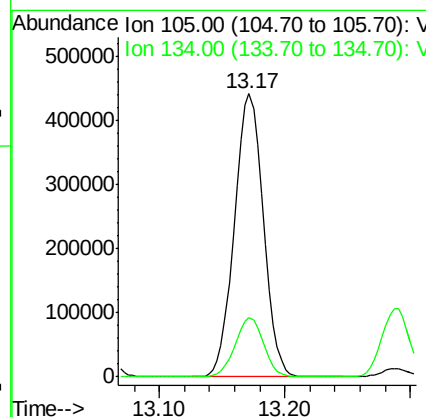
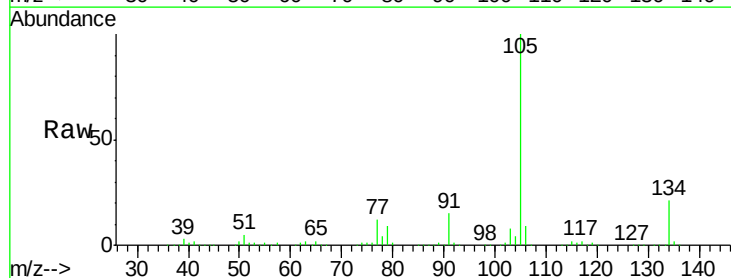
Manual Integrations
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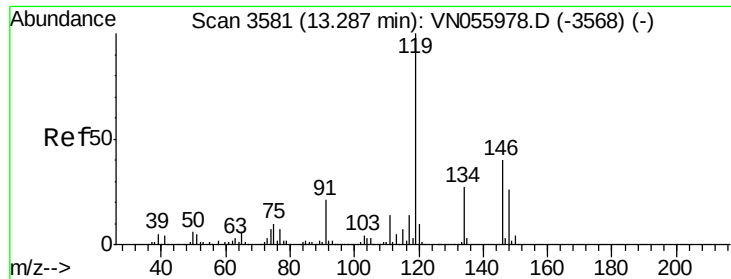
MMDadoda
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#85
 sec-Butylbenzene
 Concen: 51.420 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.4	31.2





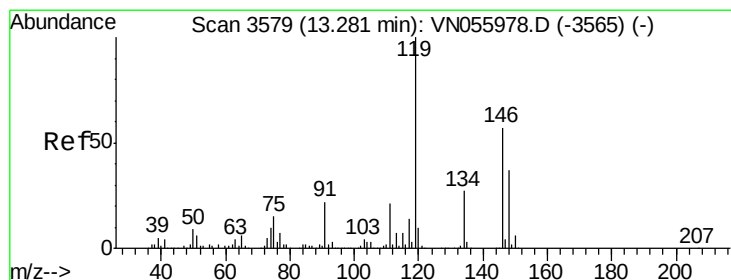
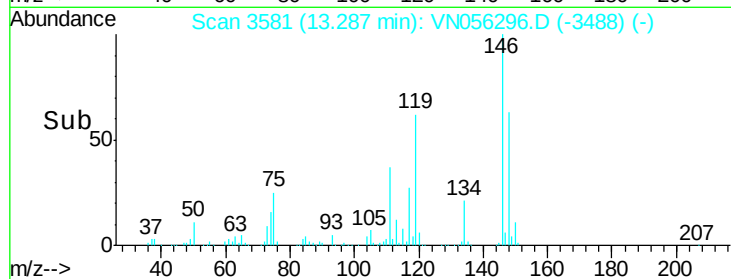
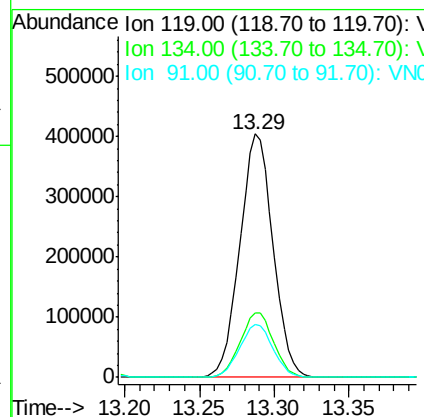
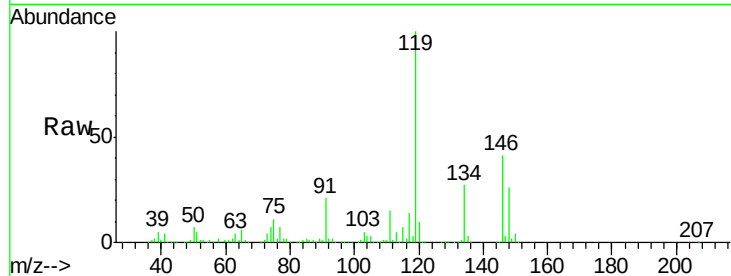
#86
 p-Isopropyltoluene
 Concen: 50.465 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5_061219MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	620908		
134	26.8		13.4	40.1
91	21.6		10.9	32.9

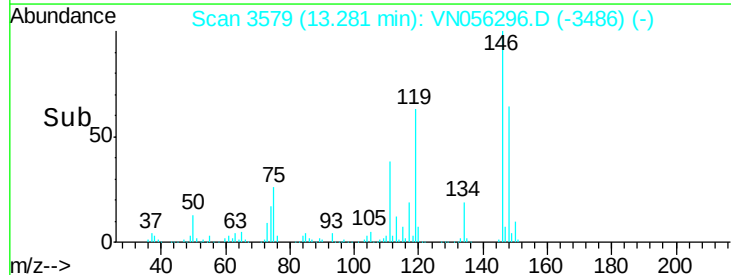
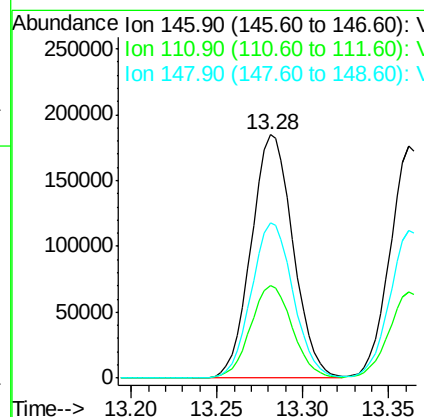
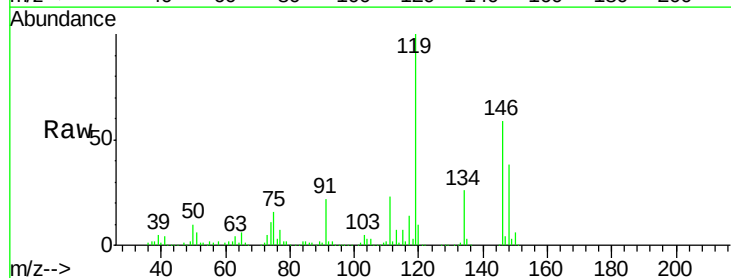
Manual Integrations
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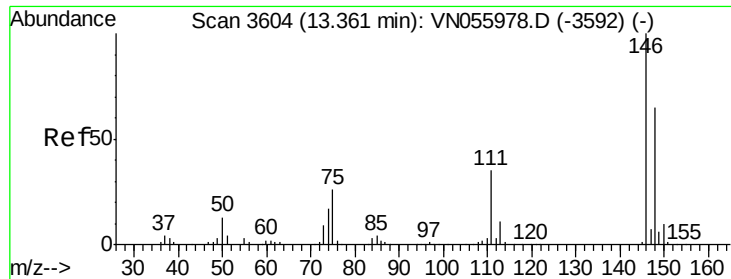
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#87
 1,3-Dichlorobenzene
 Concen: 51.360 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	312287		
111	38.0		18.5	55.5
148	63.8		32.0	96.2





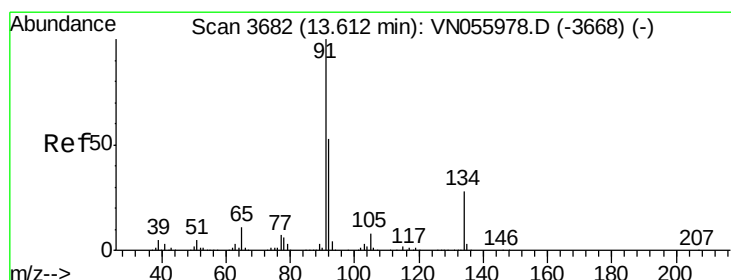
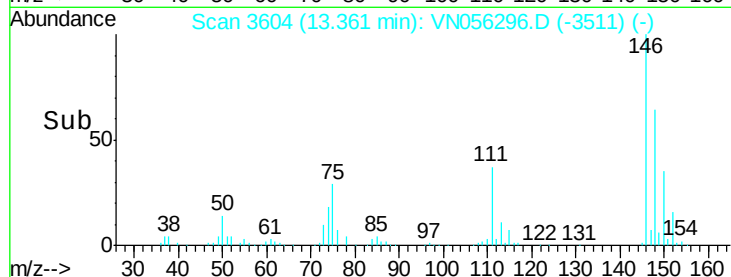
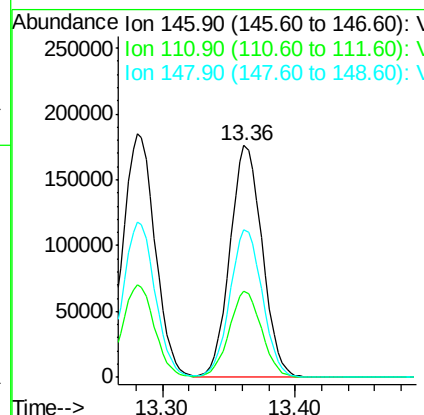
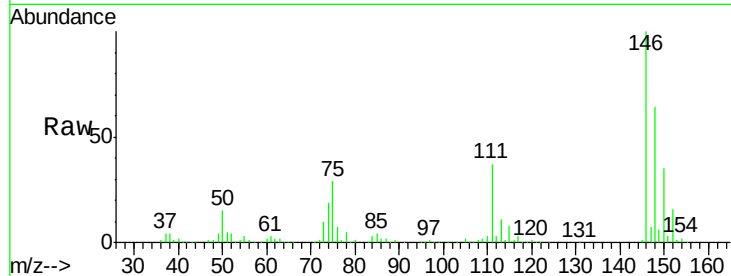
#88
 1,4-Dichlorobenzene
 Concen: 50.867 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.4
148	64.0	32.1	96.5

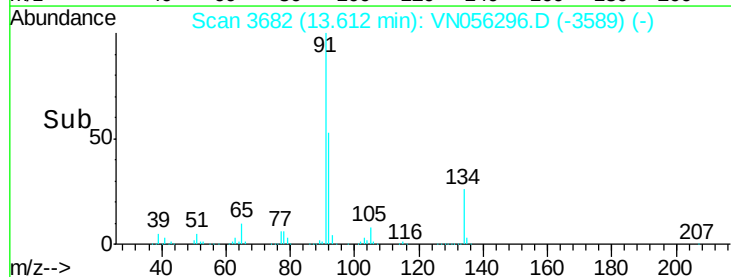
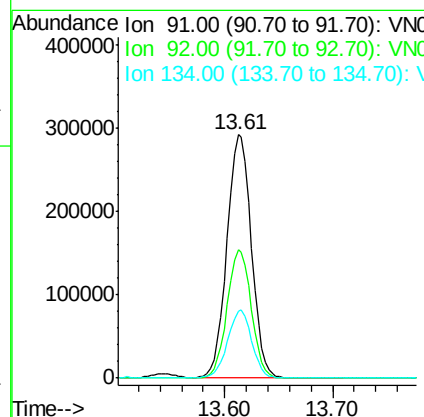
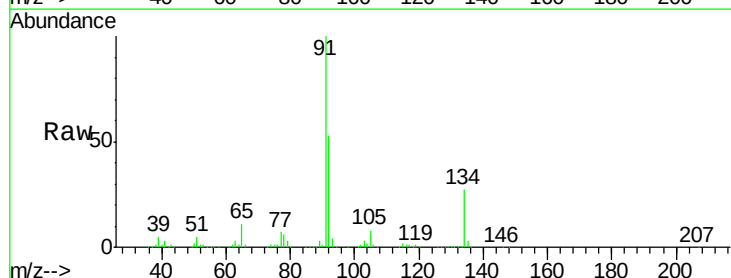
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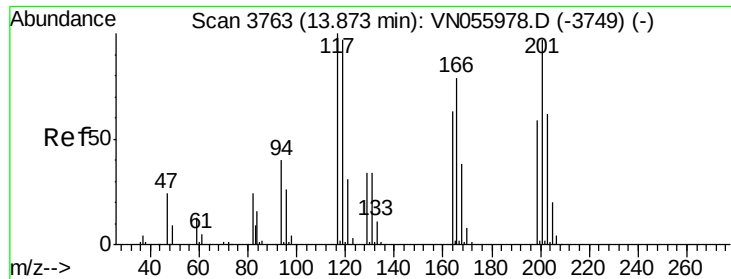
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#89
 n-Butylbenzene
 Concen: 50.709 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.4	79.0
134	27.4	13.9	41.7





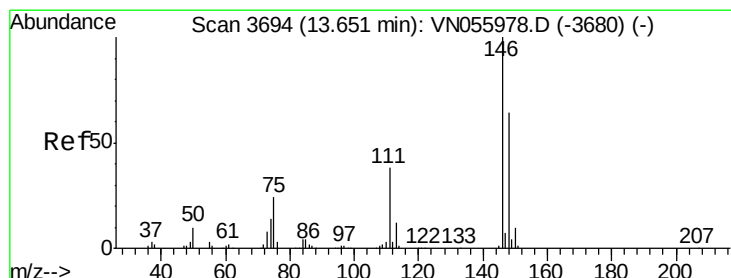
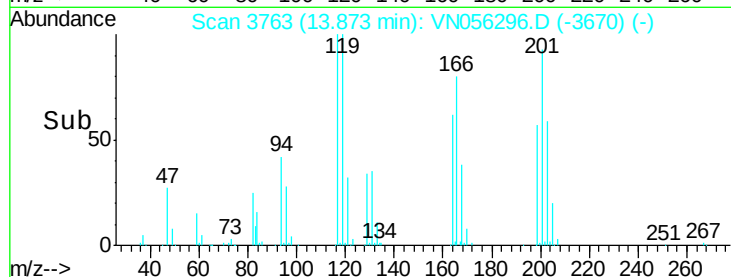
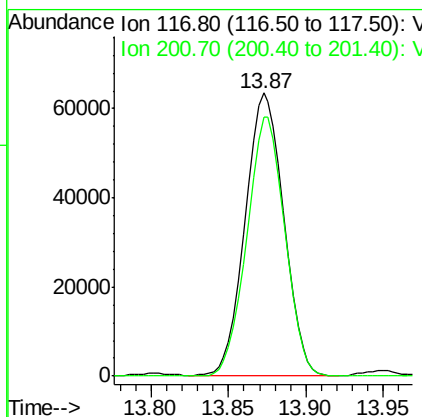
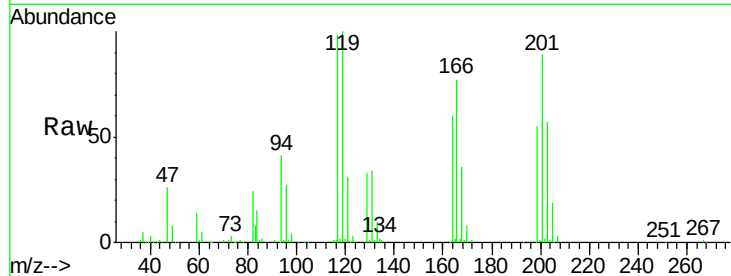
#90
Hexachloroethane
Concen: 59.187 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Instrument :
MSVOA_N
ClientSampleId :
MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
117	100		
201	90.4	50.0	150.0

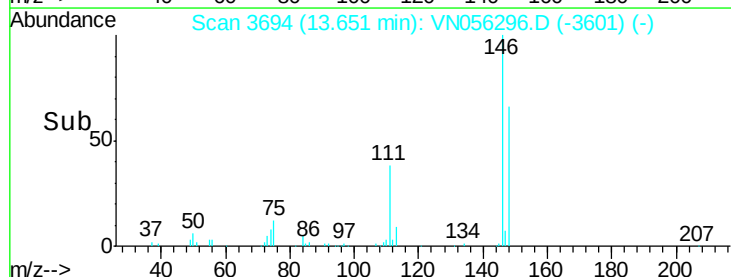
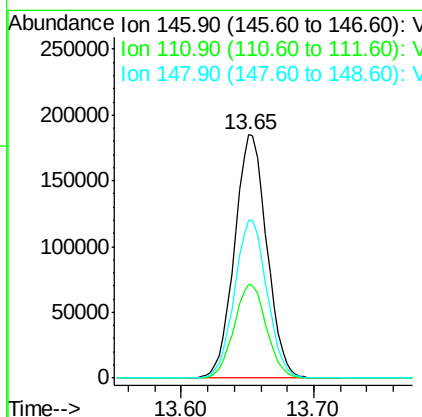
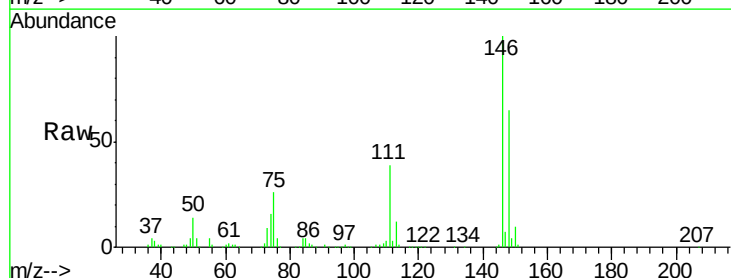
Manual Integrations
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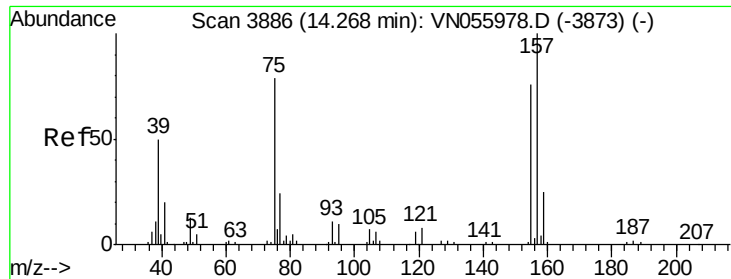
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#91
1,2-Dichlorobenzene
Concen: 50.877 ug/l
RT: 13.65 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VN056296.D
Acq: 13 Jun 2019 21:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.5
148	65.5	31.9	95.9





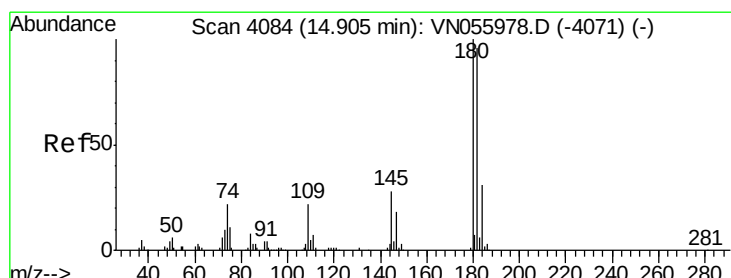
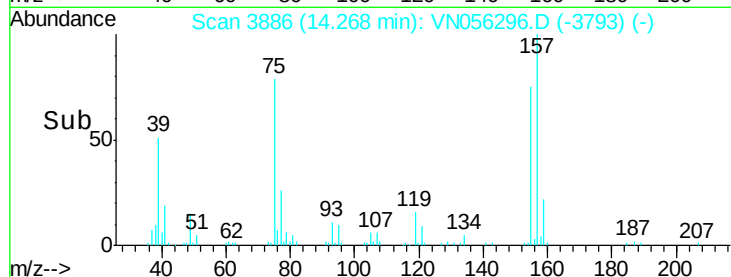
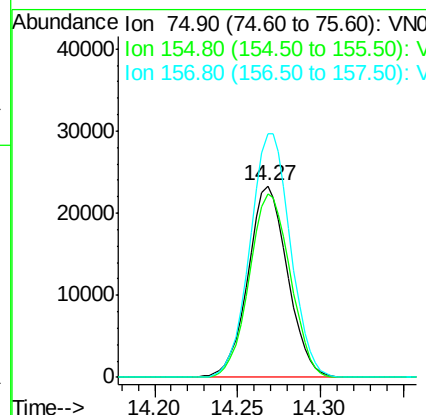
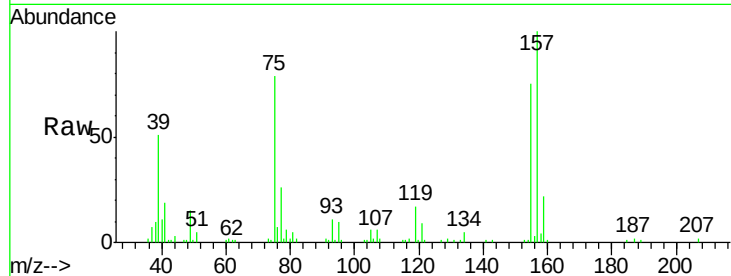
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 63.456 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	98.6	50.0	150.1
157	129.8	64.8	194.3

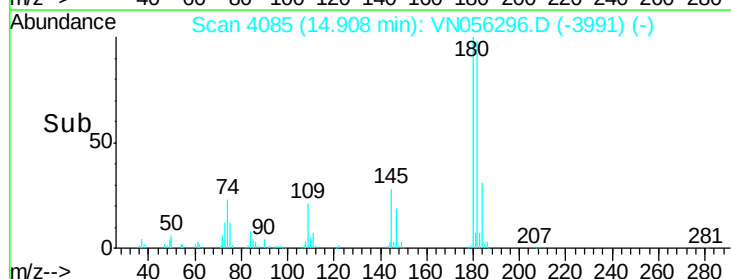
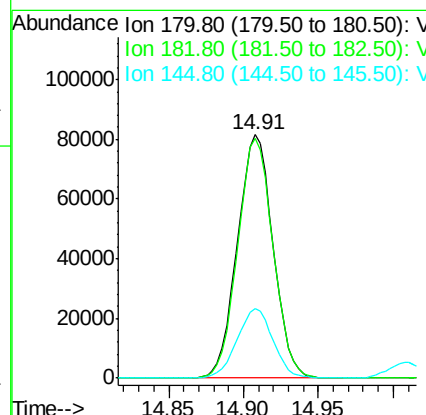
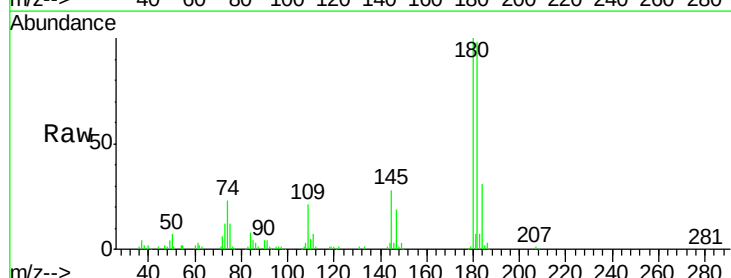
Manual Integrations
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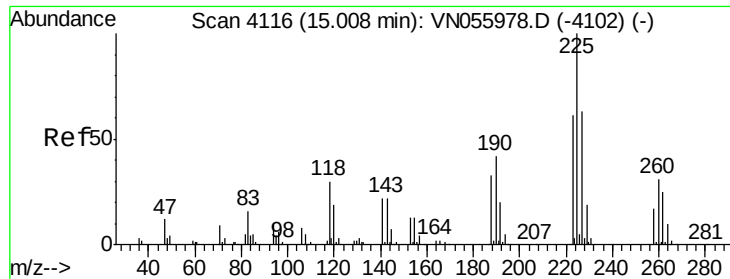
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#93
 1,2,4-Trichlorobenzene
 Concen: 40.752 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	48.3	144.9
145	28.9	14.0	41.9





#94

Hexachlorobutadiene

Concen: 49.457 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Instrument :

MSVOA_N

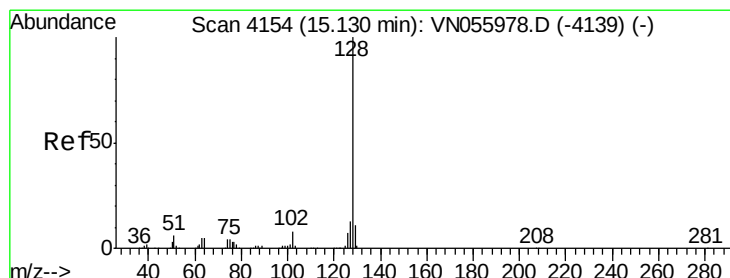
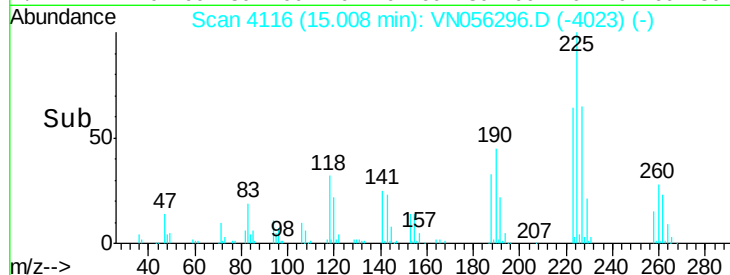
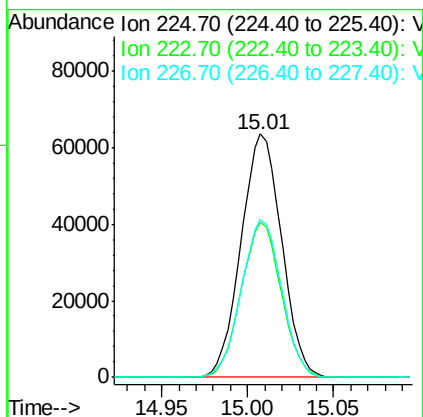
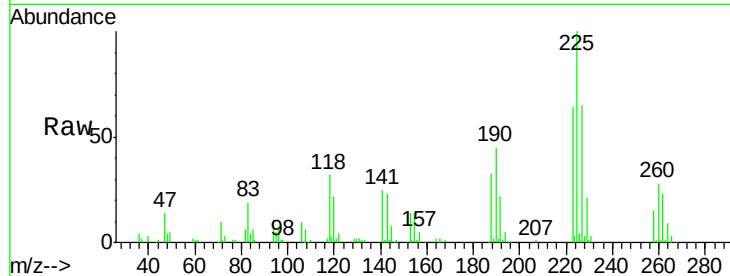
ClientSampleId :

MW-5_061219MS

Tot Ion:	225	Resp:	104179
Ion Ratio		Lower	Upper
225	100		
223	62.9	30.9	92.7
227	64.2	31.6	94.7

Manual Integrations
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6/14/2019 9:36:46 AM



#95

Naphthalene

Concen: 49.827 ug/l

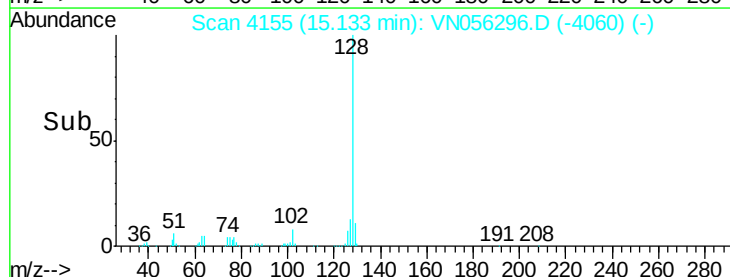
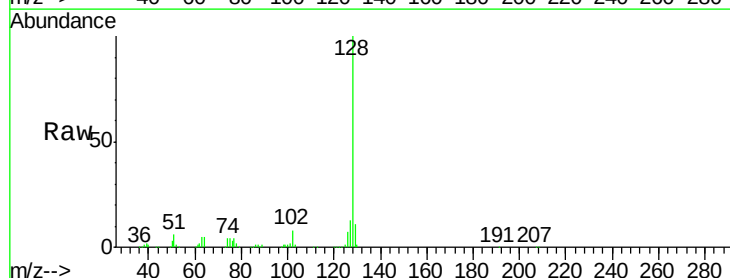
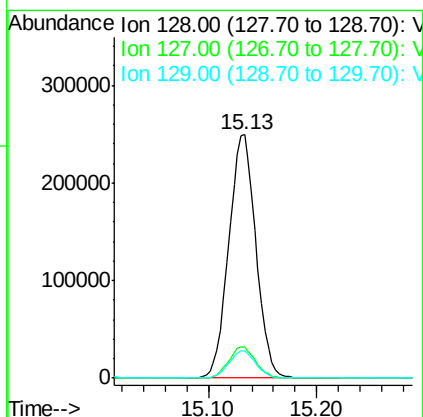
RT: 15.13 min Scan# 4155

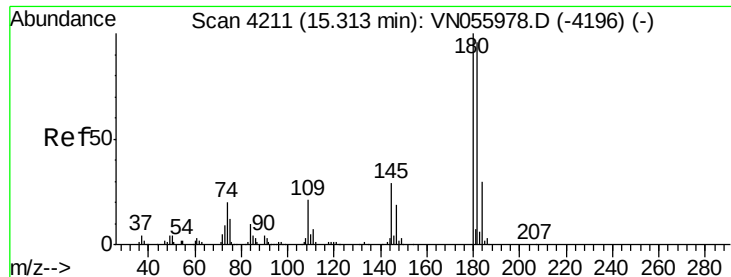
Delta R.T. 0.00 min

Lab File: VN056296.D

Acq: 13 Jun 2019 21:05

Tgt Ion:	128	Resp:	437191
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.1	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 45.441 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN056296.D
 Acq: 13 Jun 2019 21:05

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5_061219MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	155647		
182	94.5	47.9	143.7	
145	30.6	14.9	44.7	

Manual Integrations
 APPROVED

MMDadoda
 6/14/2019 9:36:46 AM

