

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103119\
 Data File : VN059047.D
 Acq On : 31 Oct 2019 18:12
 Operator : JC/SP
 Sample : K5626-09MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS003MW331-191030MSD

Manual Integrations
 APPROVED

MMDadoda
 11/4/2019 7:04:15 AM

Quant Time: Nov 01 03:34:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	370524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	582225	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	545894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	267698	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	255051	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
35) Dibromofluoromethane	7.57	113	196720	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
50) Toluene-d8	10.08	98	739920	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.41	95	281135	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	203560	44.064	ug/l	100
3) Chloromethane	2.04	50	264754	46.273	ug/l	99
4) Vinyl Chloride	2.17	62	274775	48.368	ug/l	99
5) Bromomethane	2.53	94	130800	36.768	ug/l	98
6) Chloroethane	2.68	64	162878	44.709	ug/l	99
7) Trichlorofluoromethane	2.99	101	333427	47.435	ug/l	99
8) Diethyl Ether	3.39	74	132912	54.717	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	195811	50.249	ug/l	98
10) Methyl Iodide	3.93	142	189073	36.891	ug/l	98
11) Tert butyl alcohol	4.76	59	250497	277.774	ug/l	98
12) 1,1-Dichloroethene	3.71	96	184606	50.540	ug/l	97
13) Acrolein	3.58	56	118909	191.902	ug/l	100
14) Allyl chloride	4.30	41	384655	52.042	ug/l	95
15) Acrylonitrile	4.96	53	666097	293.642	ug/l	99
16) Acetone	3.79	43	559523	208.364	ug/l	97
17) Carbon Disulfide	4.03	76	507365	43.120	ug/l	98
18) Methyl Acetate	4.30	43	357416	58.544	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	718991	56.215	ug/l	99
20) Methylene Chloride	4.53	84	228392	49.810	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	200578	49.724	ug/l	98
22) Diisopropyl ether	5.93	45	816245	56.459	ug/l	96
23) Vinyl Acetate	5.87	43	3344861	287.971	ug/l	99
24) 1,1-Dichloroethane	5.82	63	429523	51.238	ug/l	99
25) 2-Butanone	6.81	43	910287	261.140	ug/l	99
26) 2,2-Dichloropropane	6.80	77	349418	48.189	ug/l	97
27) cis-1,2-Dichloroethene	6.81	96	246476	53.488	ug/l	95
28) Bromochloromethane	7.17	49	145738	52.201	ug/l	96
29) Tetrahydrofuran	7.19	42	616630	289.172	ug/l	99
30) Chloroform	7.35	83	420464	50.002	ug/l	99
31) Cyclohexane	7.63	56	363994	46.608	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	358883	50.634	ug/l	99
36) 1,1-Dichloropropene	7.77	75	304596	51.100	ug/l	99
37) Ethyl Acetate	6.91	43	367022	56.509	ug/l	99
38) Carbon Tetrachloride	7.75	117	310059	50.492	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	344025	51.400	ug/l	100
40) Benzene	8.02	78	944680	53.970	ug/l	99
41) Methacrylonitrile	7.15	41	169797	58.698	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	340131	50.445	ug/l	99
43) Isopropyl Acetate	8.15	43	595479	57.167	ug/l	100
44) Trichloroethene	8.82	130	220386	51.687	ug/l	98
45) 1,2-Dichloropropane	9.11	63	263506	54.900	ug/l	99
46) Dibromomethane	9.20	93	162537	53.566	ug/l	97
47) Bromodichloromethane	9.39	83	341284	54.572	ug/l	100
48) Methyl methacrylate	9.19	41	276827	58.575	ug/l	95
49) 1,4-Dioxane	9.19	88	96187	1239.833	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1911669	314.202	ug/l	98
52) Toluene	10.15	92	574165	55.315	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	381695	55.133	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	398712	53.905	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	236331	55.268	ug/l	98
56) Ethyl methacrylate	10.43	69	383330	53.226	ug/l	95
57) 1,3-Dichloropropane	10.71	76	413806	55.138	ug/l	98
59) 2-Hexanone	10.75	43	1431650	304.511	ug/l	97
60) Dibromochloromethane	10.90	129	258886	56.248	ug/l	99
61) 1,2-Dibromoethane	11.00	107	241760	55.246	ug/l	99
64) Tetrachloroethene	10.63	164	186317	48.735	ug/l	96
65) Chlorobenzene	11.43	112	615204	55.356	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	233213	55.609	ug/l	100
67) Ethyl Benzene	11.51	91	1106207	56.740	ug/l	98
68) m/p-Xylenes	11.62	106	823260	113.867	ug/l	100
69) o-Xylene	11.95	106	392153	56.871	ug/l	100
70) Styrene	11.97	104	668465	52.432	ug/l	98
71) Bromoform	12.13	173	190949	58.716	ug/l #	99
73) Isopropylbenzene	12.25	105	1077229	55.063	ug/l	99
74) N-amyl acetate	12.07	43	514745	58.037	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	389783	56.663	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	349915m	56.400	ug/l	
77) Bromobenzene	12.53	156	261630	54.256	ug/l	98
78) n-propylbenzene	12.60	91	1284115	55.529	ug/l	100
79) 2-Chlorotoluene	12.68	91	764035	53.982	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	926927	56.392	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	131558	55.240	ug/l	97
82) 4-Chlorotoluene	12.78	91	781812	54.053	ug/l	99
83) tert-Butylbenzene	13.00	119	780407	55.522	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	915371	56.460	ug/l	99
85) sec-Butylbenzene	13.18	105	1053063	56.193	ug/l	98
86) p-Isopropyltoluene	13.30	119	942210	56.982	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	473680	54.937	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	473447	54.844	ug/l	99
89) n-Butylbenzene	13.62	91	832447	54.804	ug/l	99
90) Hexachloroethane	13.88	117	179446	53.556	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	496981	58.643	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	82713	53.161	ug/l	94
93) 1,2,4-Trichlorobenzene	14.92	180	272931	51.101	ug/l	100

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QLast Update : Sat Oct 19 00:16:20 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.02	225	147445	53.679	ug/l	98
95) Naphthalene	15.13	128	795252	51.781	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	278387	53.428	ug/l	100

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

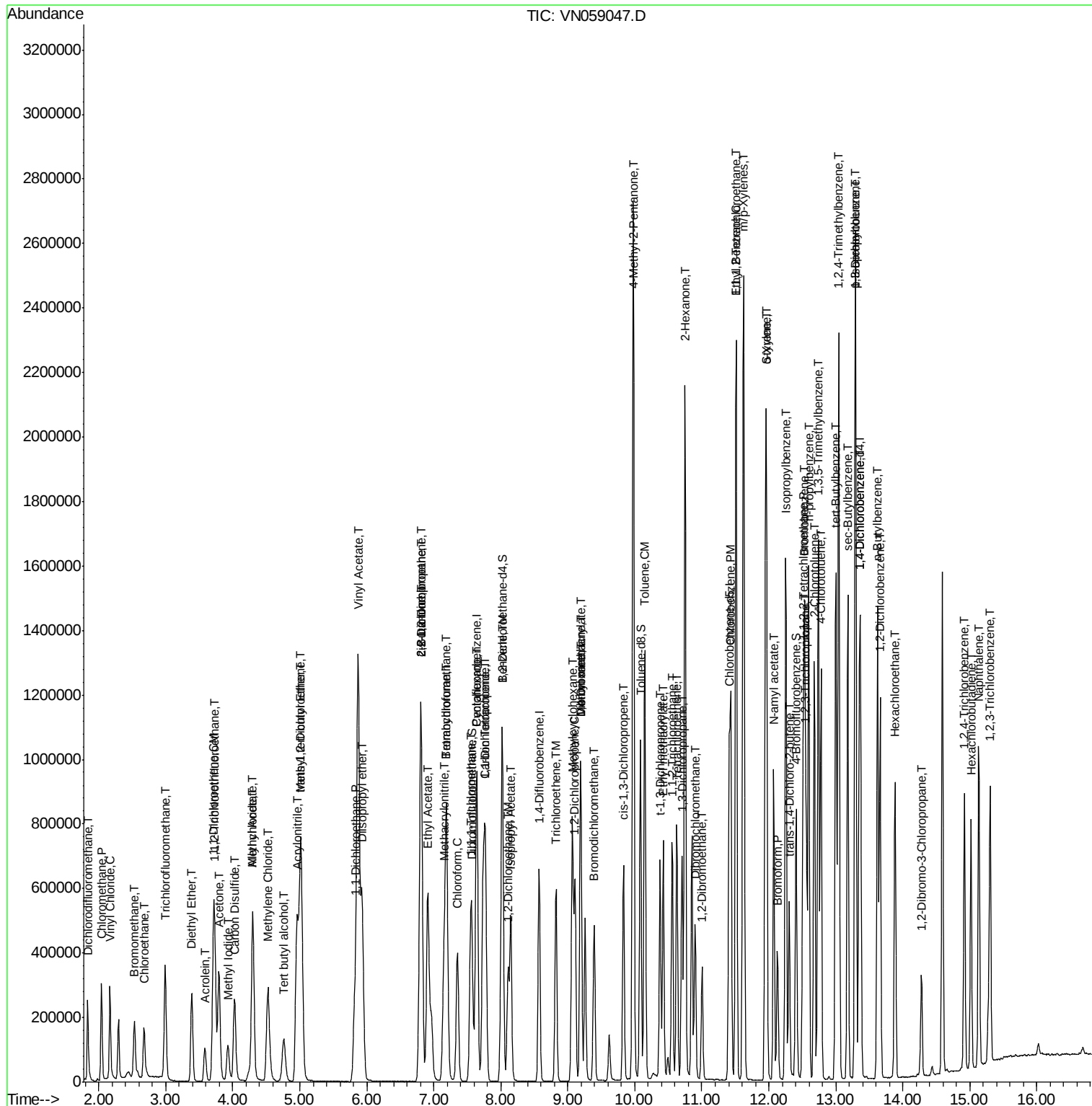
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

SS003MW331-191030MSD

Tgt Ion: 168 Resp: 370524

Ion Ratio Lower Upper

168 100

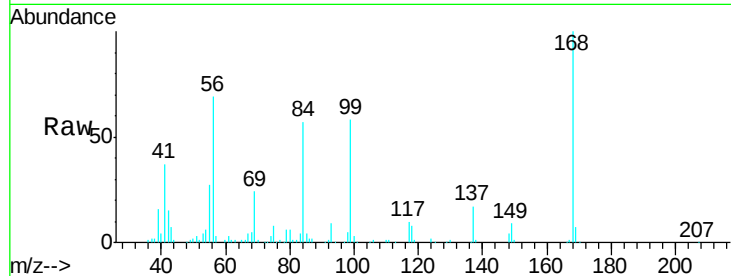
99 58.0 48.1 72.1

Manual Integrations

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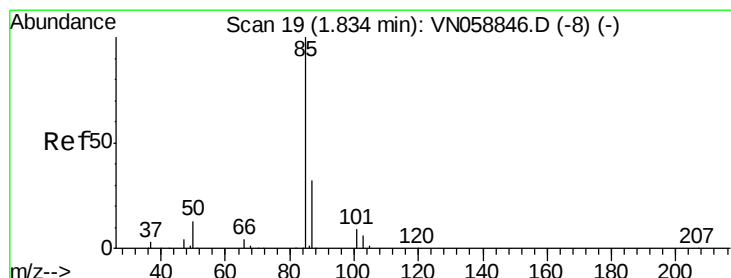
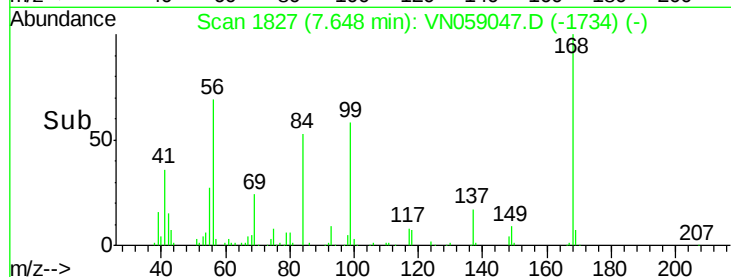
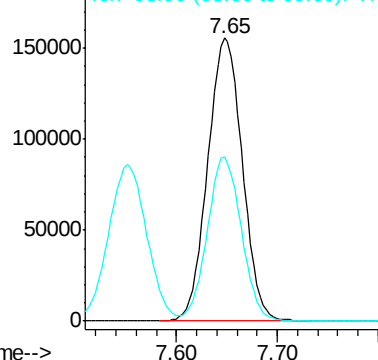
MMDadoda

11/4/2019 7:04:15 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 44.064 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059047.D

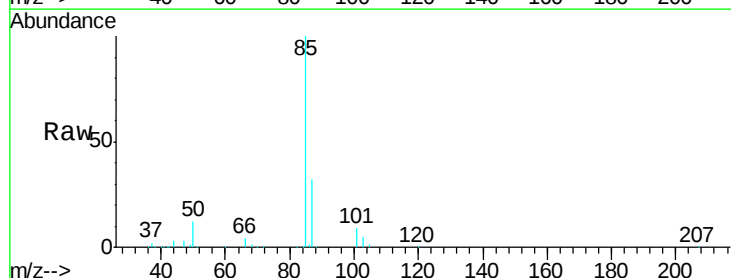
Acq: 31 Oct 2019 18:12

Tgt Ion: 85 Resp: 203560

Ion Ratio Lower Upper

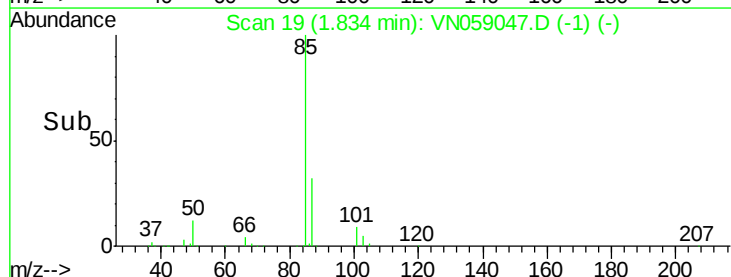
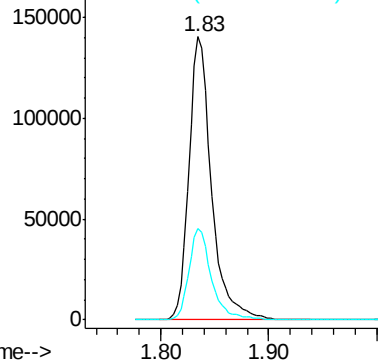
85 100

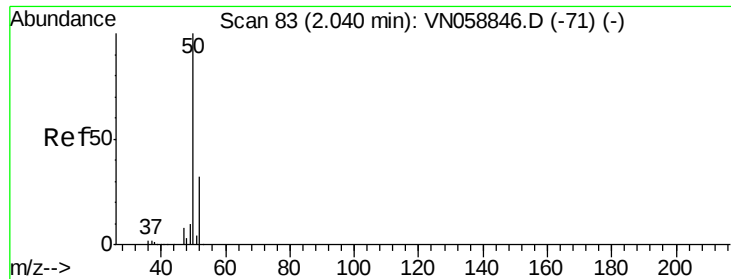
87 32.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 46.273 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

SS003MW331-191030MSD

Tgt Ion: 50 Resp: 264754

Ion Ratio Lower Upper

50 100

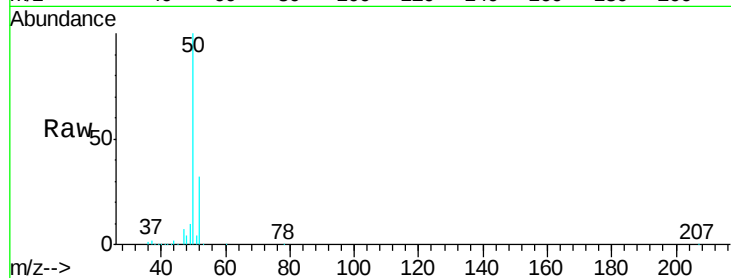
52 32.5 25.7 38.5

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

200000

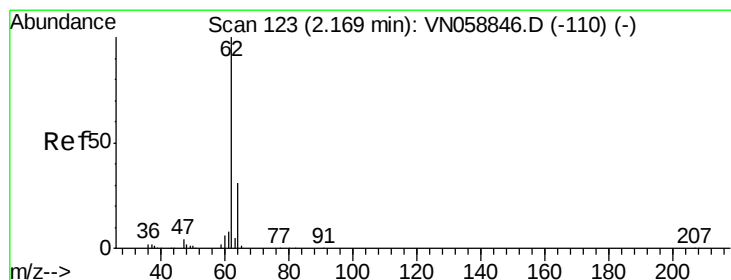
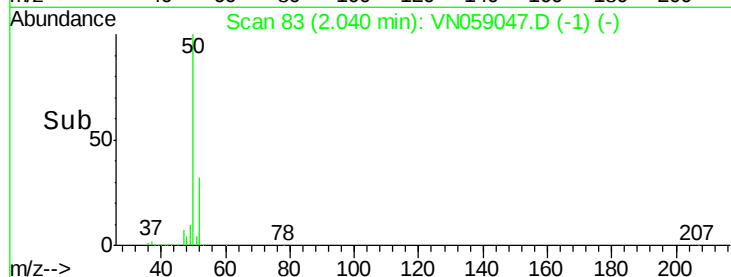
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100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 48.368 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059047.D

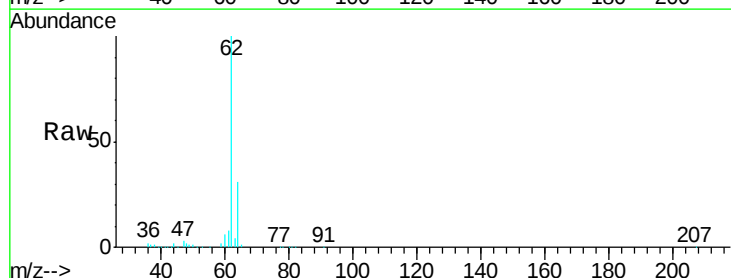
Acq: 31 Oct 2019 18:12

Tgt Ion: 62 Resp: 274775

Ion Ratio Lower Upper

62 100

64 31.1 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.17

200000

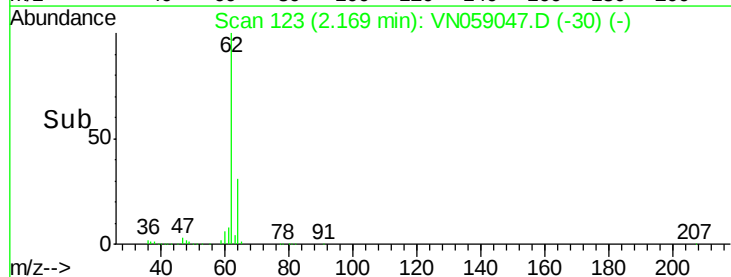
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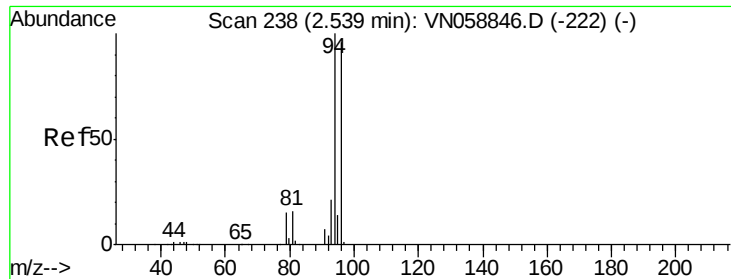
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50000

0

Time-->





#5

Bromomethane

Concen: 36.768 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.01 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Instrument :

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Tgt Ion: 94 Resp: 130800

Ion Ratio Lower Upper

94 100

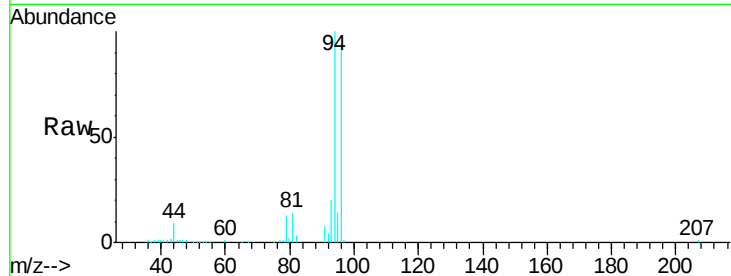
96 93.9 77.0 115.6

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN058846.D (-222) (-)

Ion 95.90 (95.60 to 96.60): VN058846.D (-222) (-)

2.53

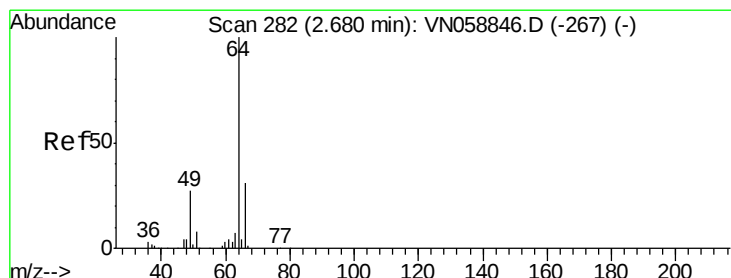
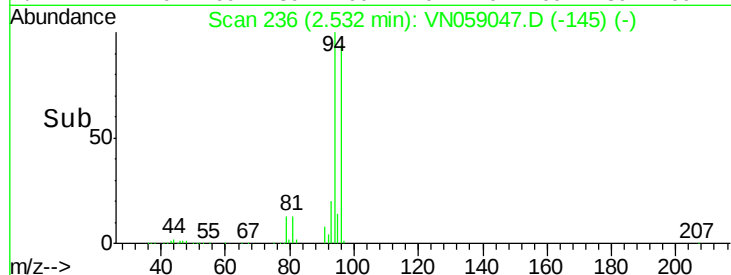
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 44.709 ug/l

RT: 2.68 min Scan# 281

Delta R.T. -0.00 min

Lab File: VN059047.D

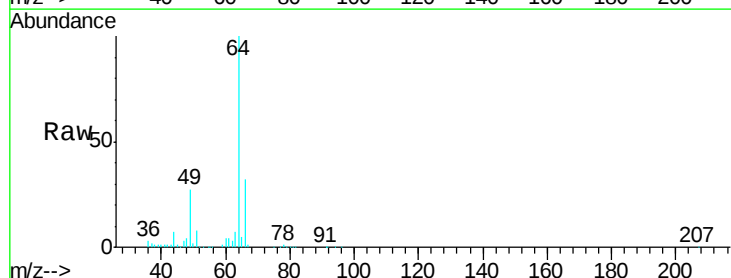
Acq: 31 Oct 2019 18:12

Tgt Ion: 64 Resp: 162878

Ion Ratio Lower Upper

64 100

66 31.7 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VN058846.D (-267) (-)

Ion 65.90 (65.60 to 66.60): VN058846.D (-267) (-)

2.68

80000

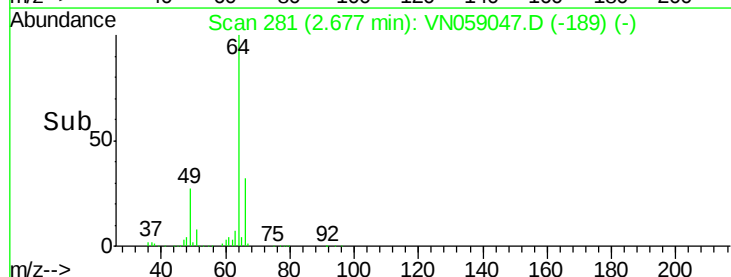
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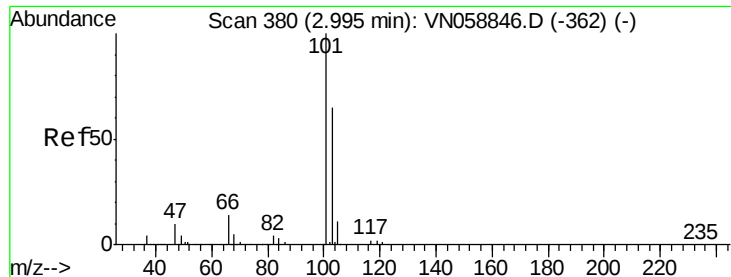
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Time-->





#7

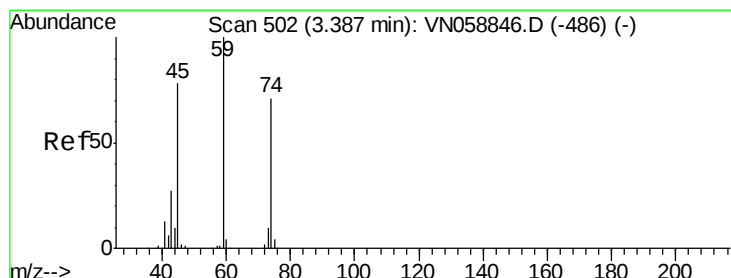
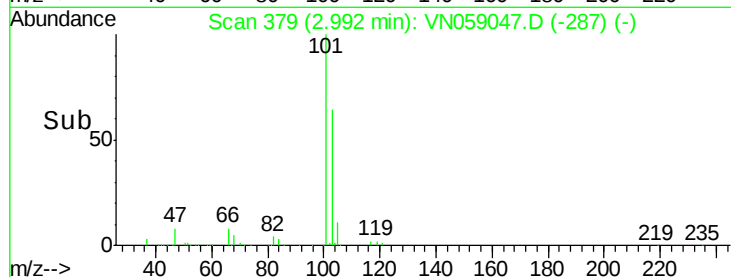
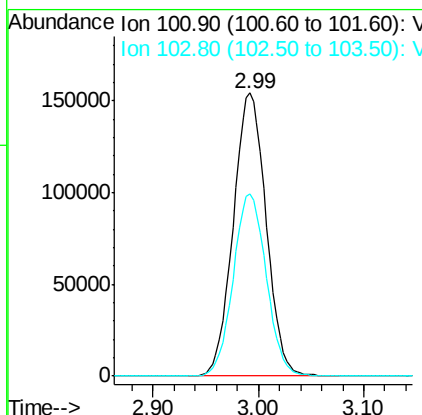
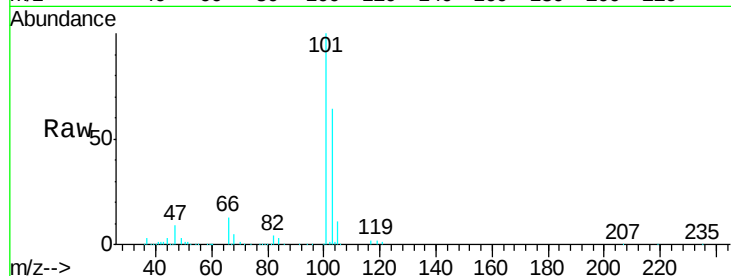
Trichlorofluoromethane
Concen: 47.435 ug/l
RT: 2.99 min Scan# 379
Delta R.T. -0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

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Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.2	78.2

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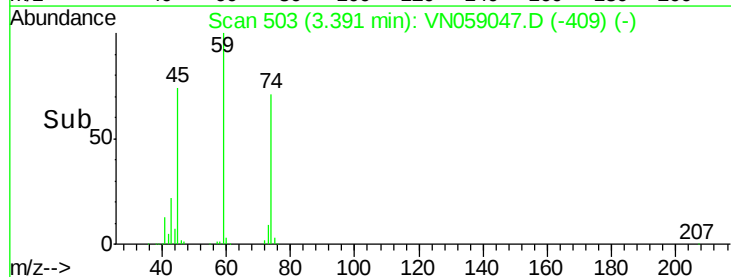
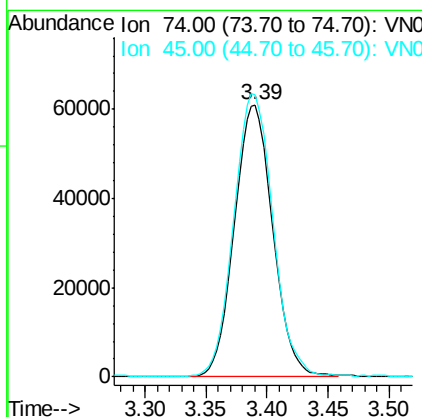
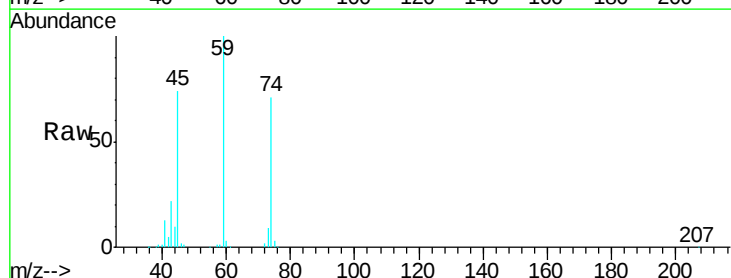
MMDadoda
11/4/2019 7:04:15 AM

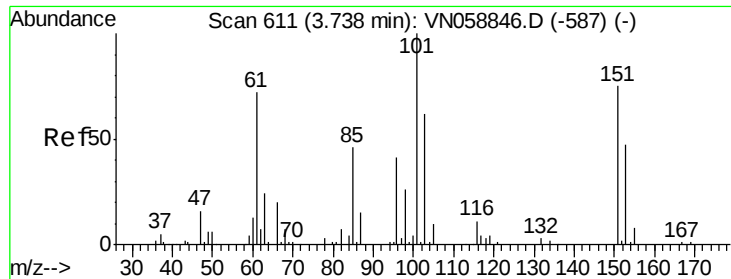


#8

Diethyl Ether
Concen: 54.717 ug/l
RT: 3.39 min Scan# 503
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.4	54.9	164.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.249 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN059047.D

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Instrument :

MSVOA_N

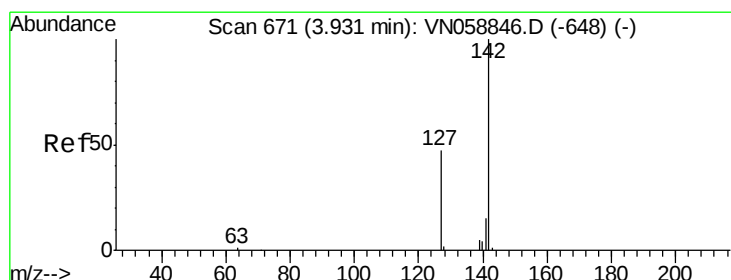
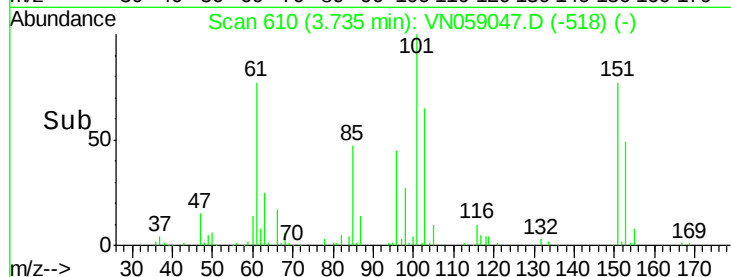
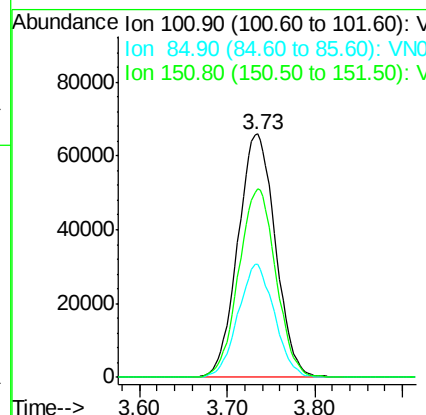
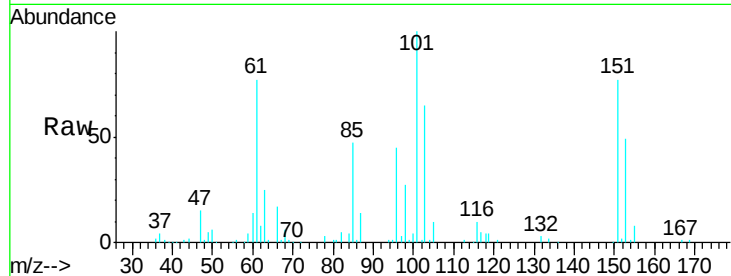
ClientSampleId :

SS003MW331-191030MSD

Tgt Ion:	101	Resp:	195811
Ion Ratio	Lower	Upper	
101	100		
85	45.0	37.2	55.8
151	77.1	59.9	89.9

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#10

Methyl Iodide

Concen: 36.891 ug/l

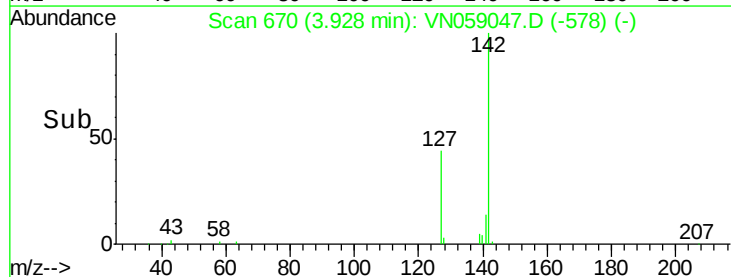
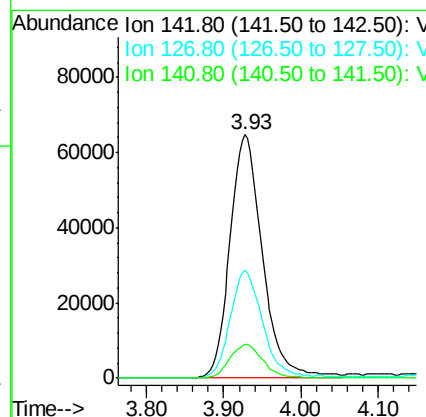
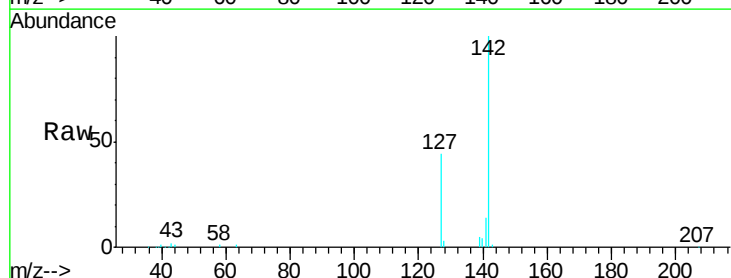
RT: 3.93 min Scan# 670

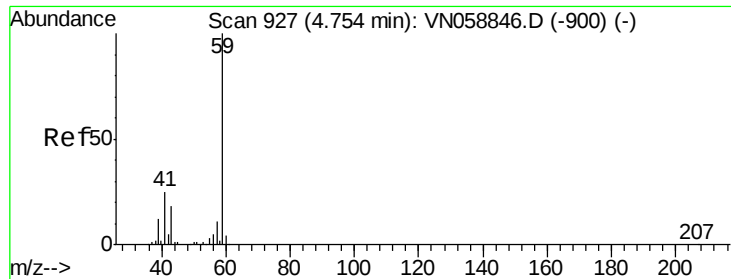
Delta R.T. -0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Tgt Ion:	142	Resp:	189073
Ion Ratio	Lower	Upper	
142	100		
127	44.0	36.6	54.8
141	14.2	11.4	17.2





#11

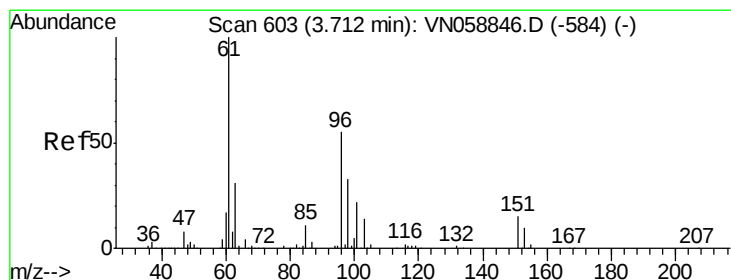
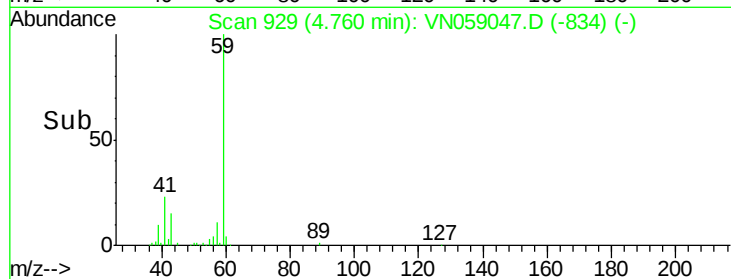
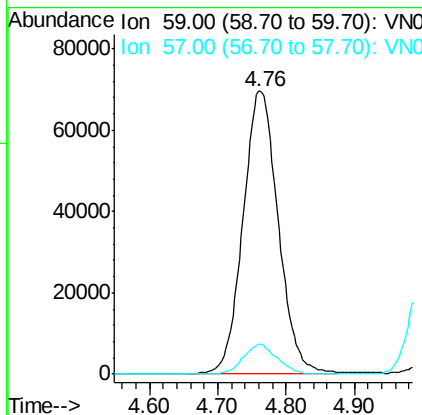
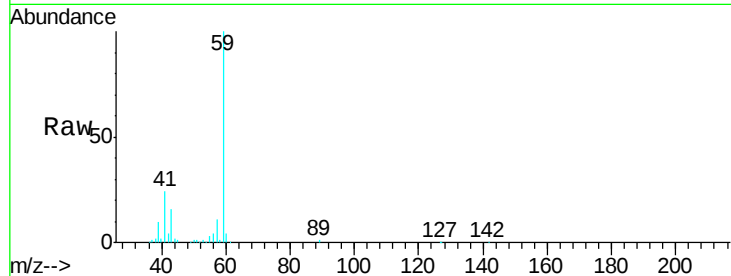
Tert butyl alcohol
Concen: 277.774 ug/l
RT: 4.76 min Scan# 929
Delta R.T. 0.01 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Instrument :
MSVOA_N
ClientSampleId :
SS003MW331-191030MSD

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	250497		
57	10.1		8.6	12.8

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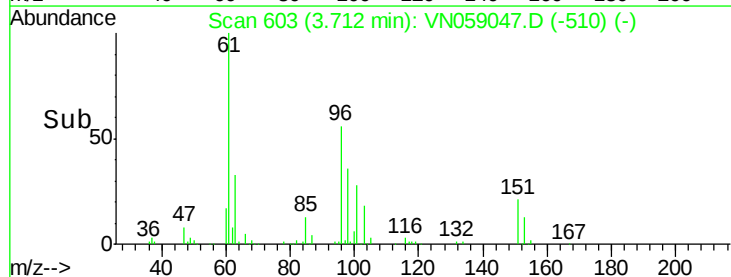
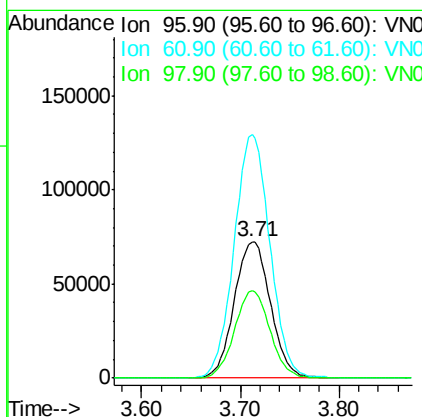
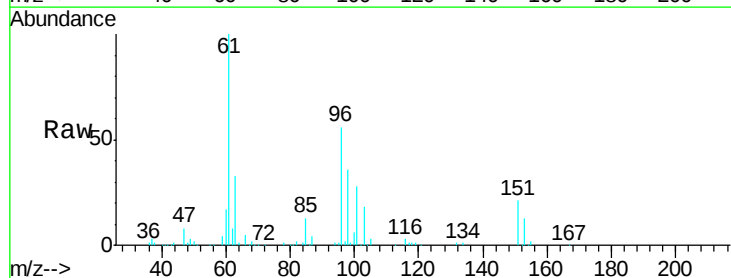
MMDadoda
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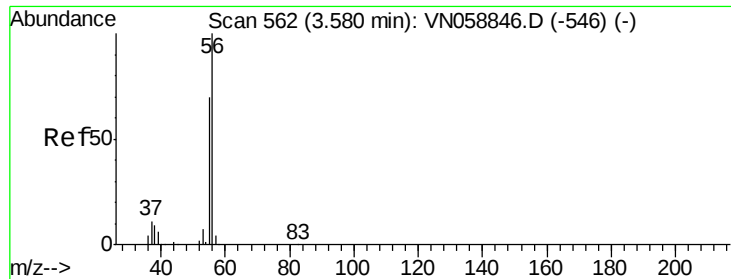


#12

1,1-Dichloroethene
Concen: 50.540 ug/l
RT: 3.71 min Scan# 603
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	184606		
61	178.3		146.2	219.2
98	64.4		48.7	73.1





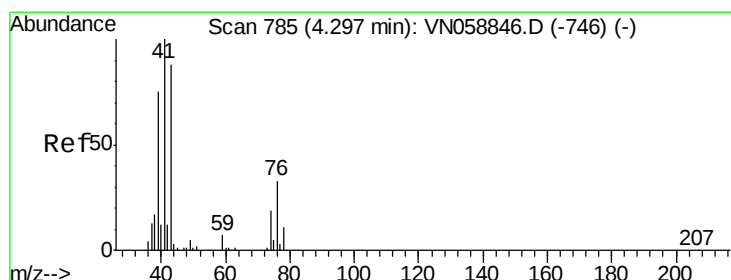
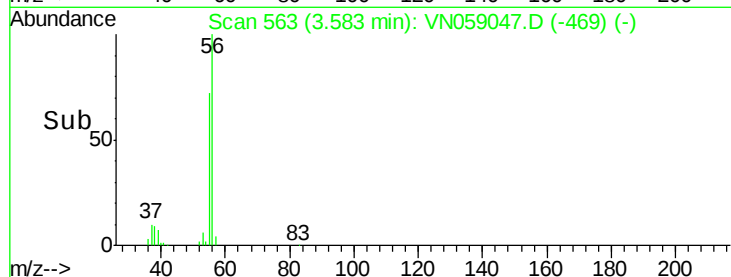
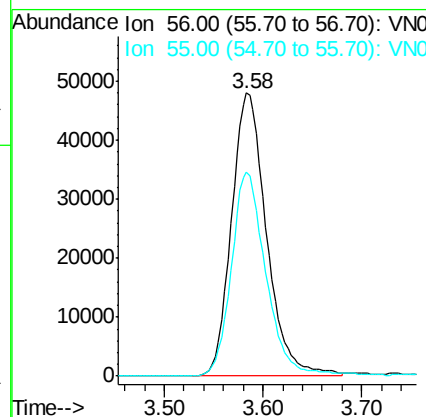
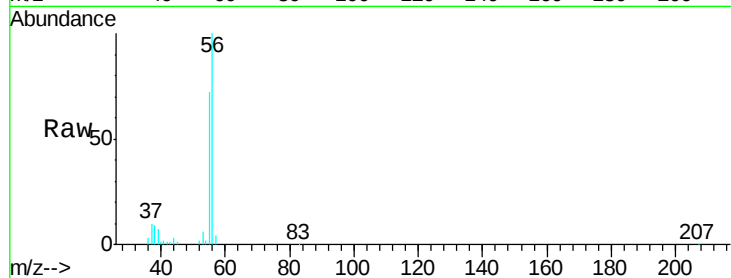
#13
Acrolein
Concen: 191.902 ug/l
RT: 3.58 min Scan# 563
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Instrument :
MSVOA_N
ClientSampleId :
SS003MW331-191030MSD

Tgt Ion	Ratio	Lower	Upper
56	100		
55	70.8	56.6	85.0

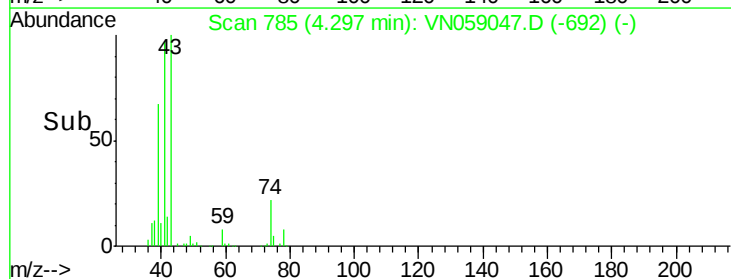
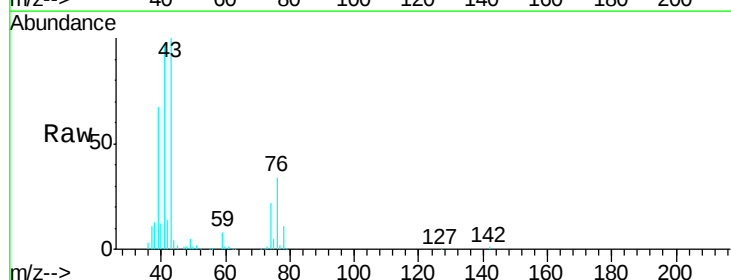
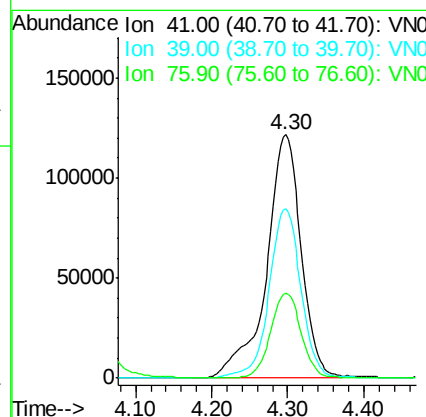
Manual Integrations
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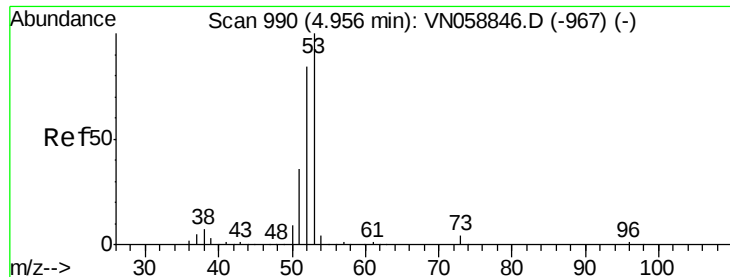
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#14
Allyl chloride
Concen: 52.042 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.1	55.9	83.9
76	30.9	24.1	36.1





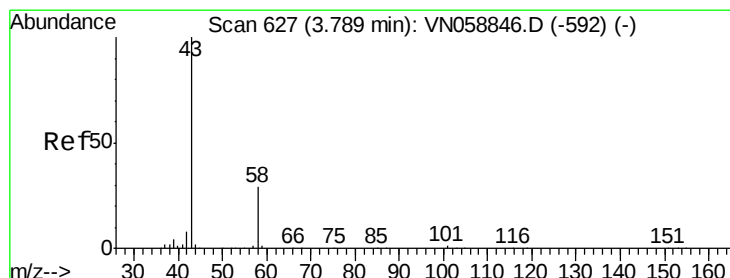
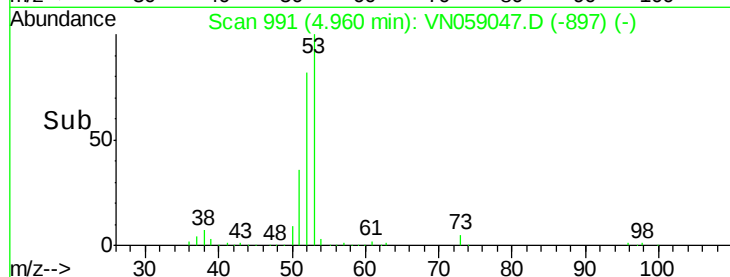
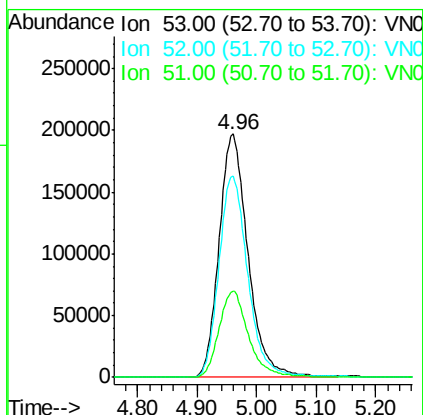
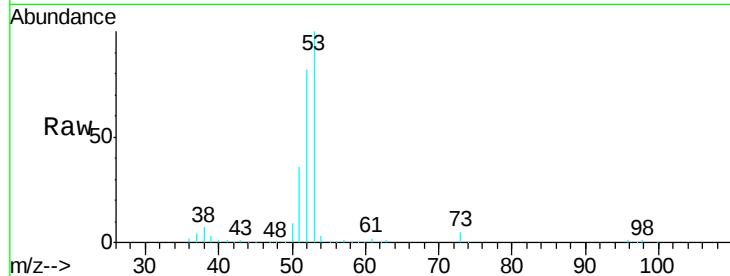
#15
Acrylonitrile
Concen: 293.642 ug/l
RT: 4.96 min Scan# 991
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Instrument :
MSVOA_N
ClientSampleId :
SS003MW331-191030MSD

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.6	99.8
51	36.0	29.2	43.8

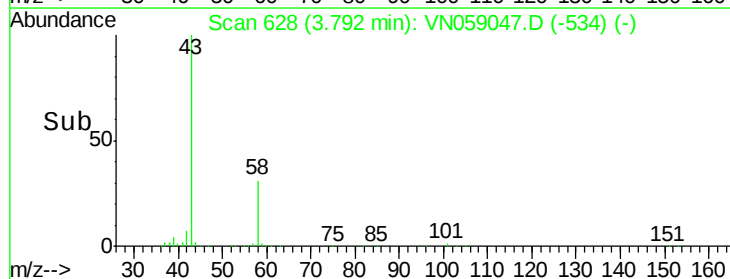
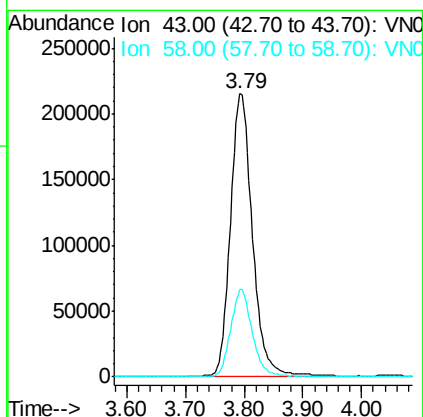
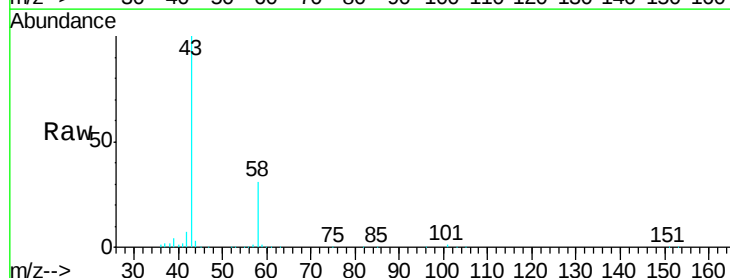
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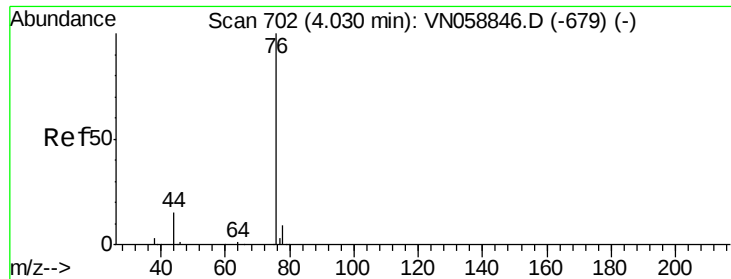
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11/4/2019 7:04:15 AM



#16
Acetone
Concen: 208.364 ug/l
RT: 3.79 min Scan# 628
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.7	23.1	34.7





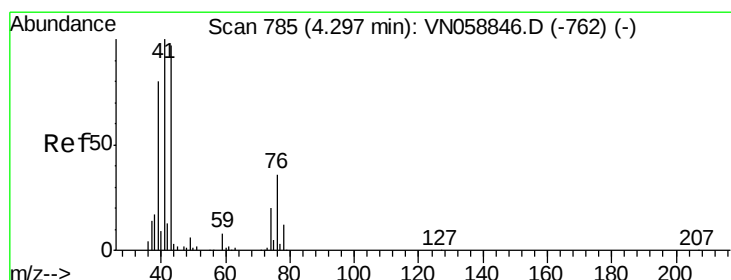
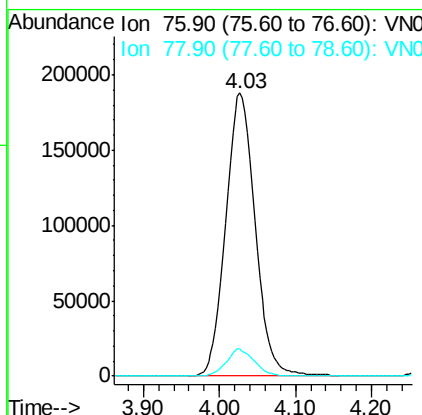
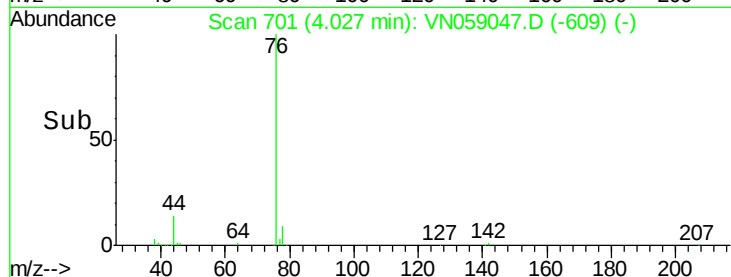
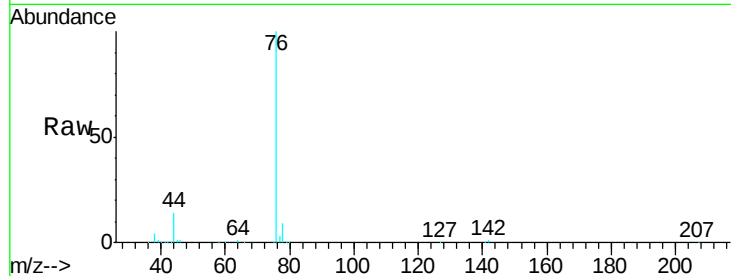
#17
Carbon Disulfide
Concen: 43.120 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Instrument :
MSVOA_N
ClientSampleId :
SS003MW331-191030MSD

Tgt Ion: 76 Resp: 507365
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

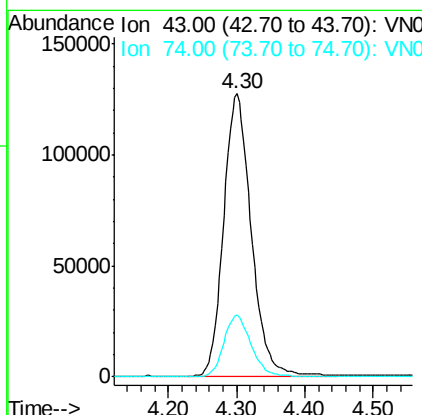
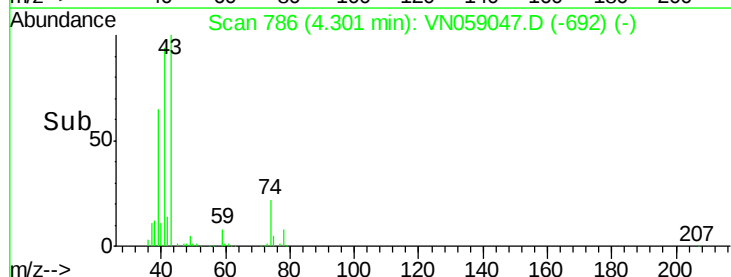
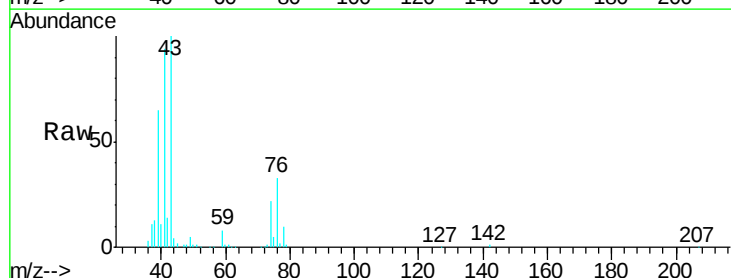
Manual Integrations
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11/4/2019 7:04:15 AM



#18
Methyl Acetate
Concen: 58.544 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Tgt Ion: 43 Resp: 357416
Ion Ratio Lower Upper
43 100
74 21.8 17.1 25.7





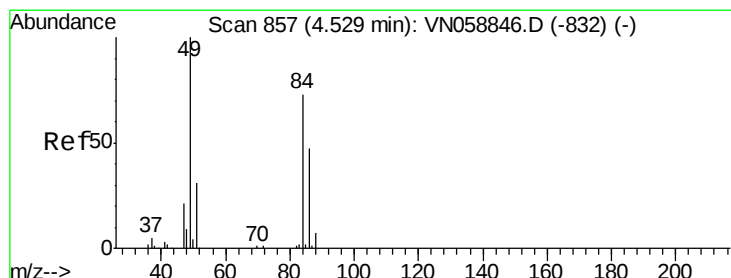
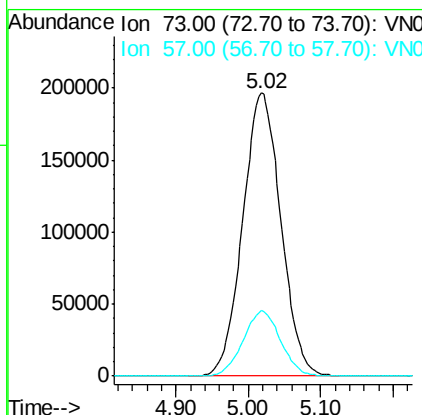
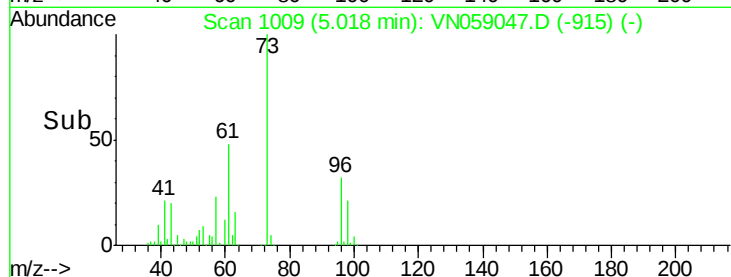
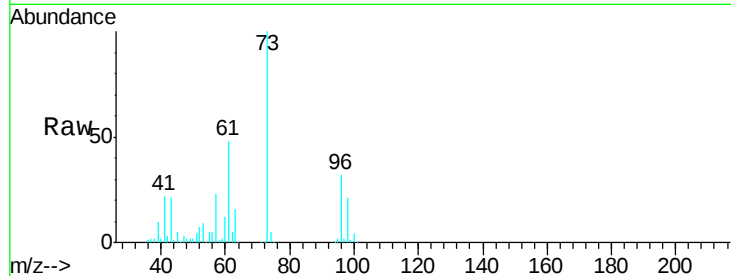
#19
Methyl tert-butyl Ether
Concen: 56.215 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Instrument :
MSVOA_N
ClientSampleId :
SS003MW331-191030MSD

Tgt Ion: 73 Resp: 718991
Ion Ratio Lower Upper
73 100
57 23.1 17.9 26.9

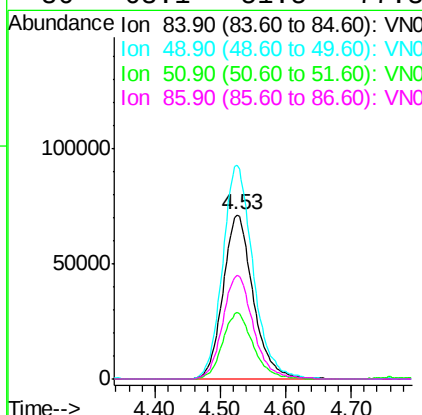
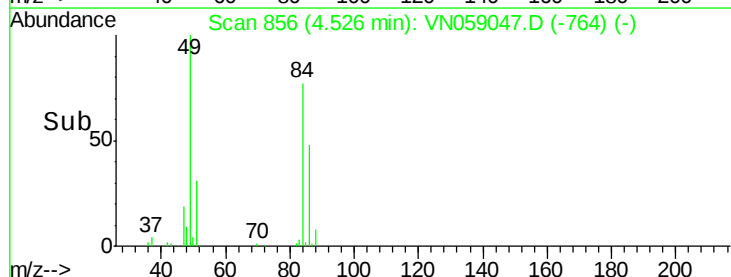
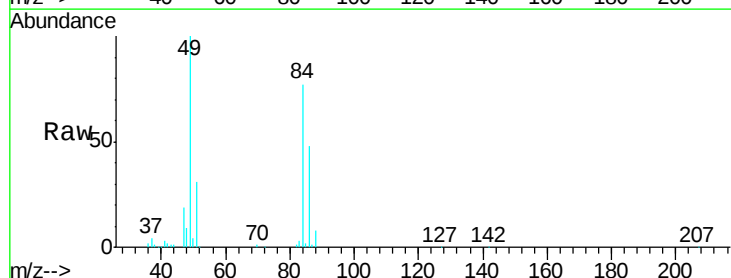
Manual Integrations
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#20
Methylene Chloride
Concen: 49.810 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Tgt Ion: 84 Resp: 228392
Ion Ratio Lower Upper
84 100
49 130.3 109.6 164.4
51 40.6 33.8 50.6
86 63.1 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 49.724 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

SS003MW331-191030MSD

Tgt Ion: 96 Resp: 200578

Ion Ratio Lower Upper

96 100

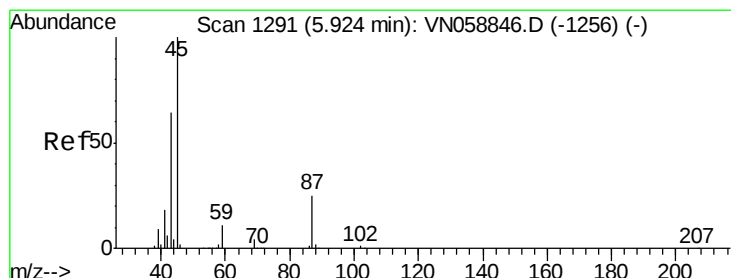
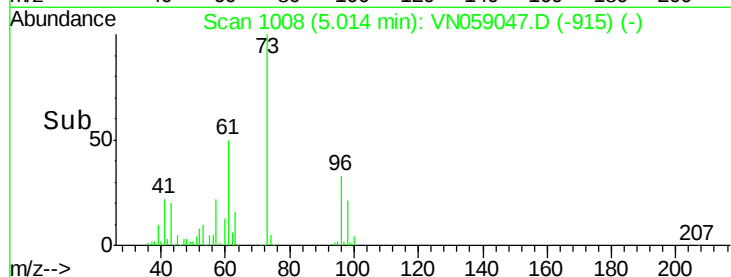
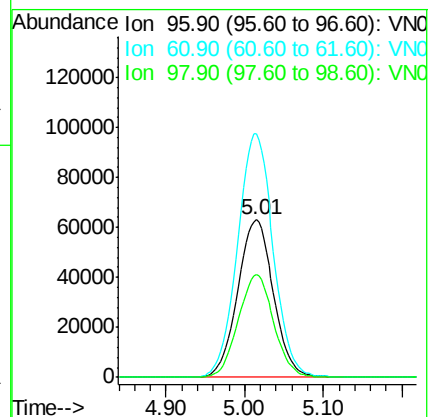
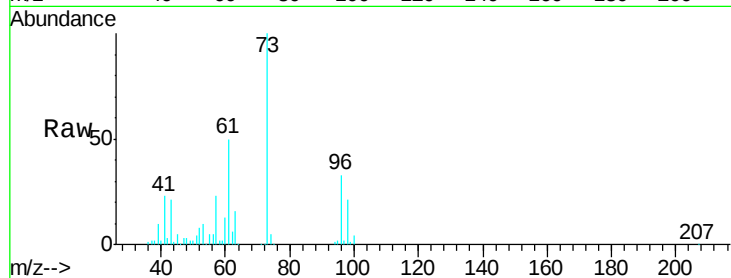
61 154.2 126.7 190.1

98 65.3 52.0 78.0

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#22

Diisopropyl ether

Concen: 56.459 ug/l

RT: 5.93 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Tgt Ion: 45 Resp: 816245

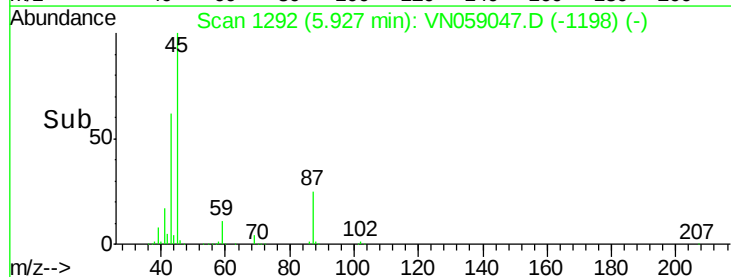
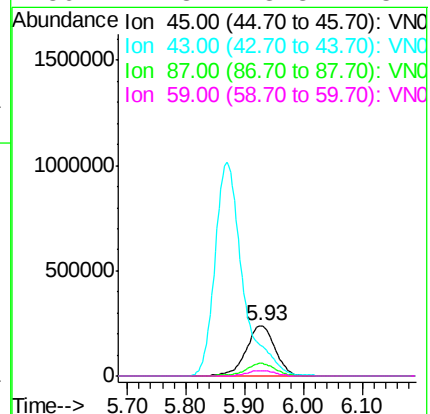
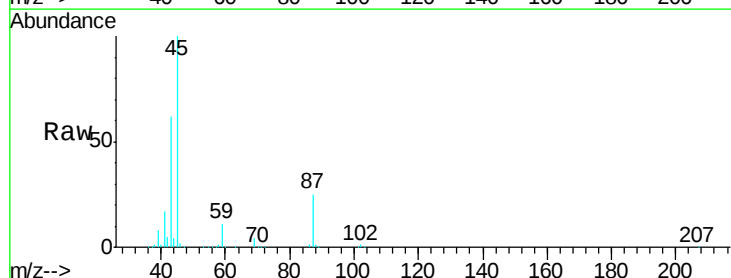
Ion Ratio Lower Upper

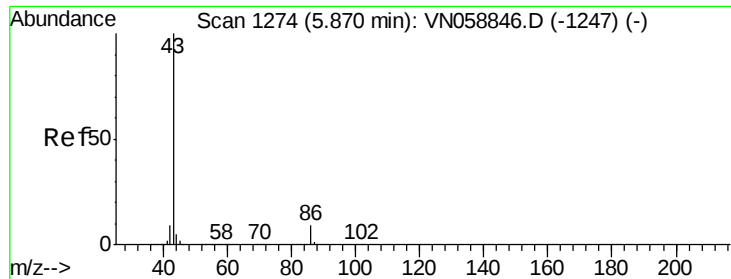
45 100

43 61.0 52.9 79.3

87 24.7 20.2 30.4

59 11.3 8.8 13.2





#23

Vinyl Acetate

Concen: 287.971 ug/l

RT: 5.87 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

SS003MW331-191030MSD

Tgt Ion: 43 Resp: 3344861

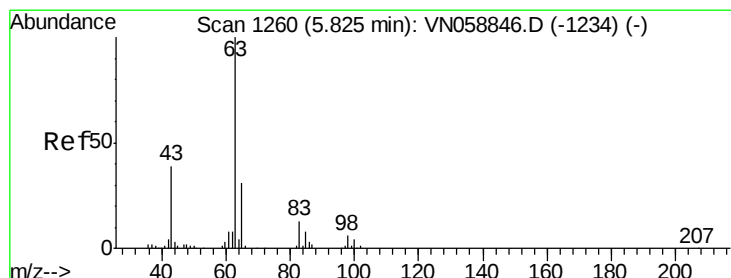
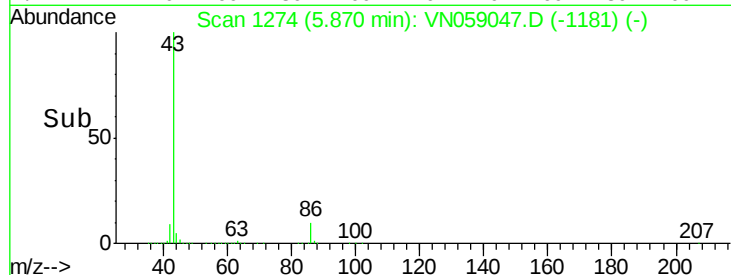
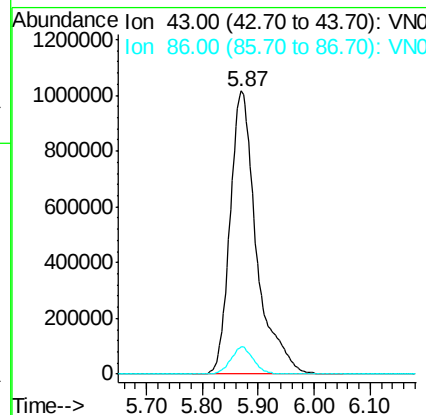
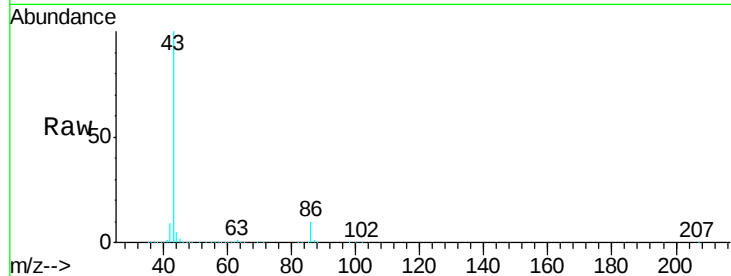
Ion Ratio Lower Upper

43 100

86 9.5 7.2 10.8

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 51.238 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

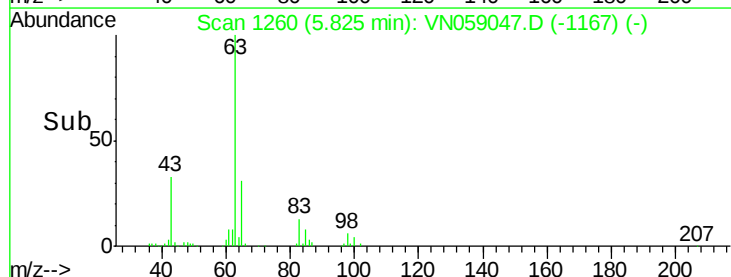
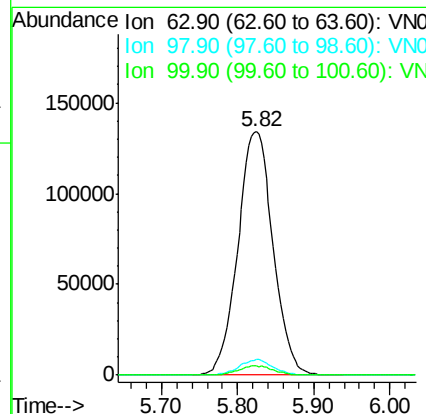
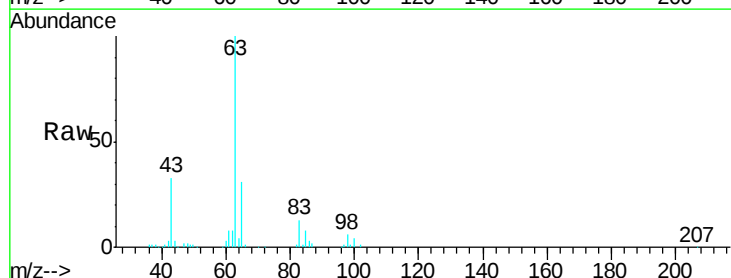
Tgt Ion: 63 Resp: 429523

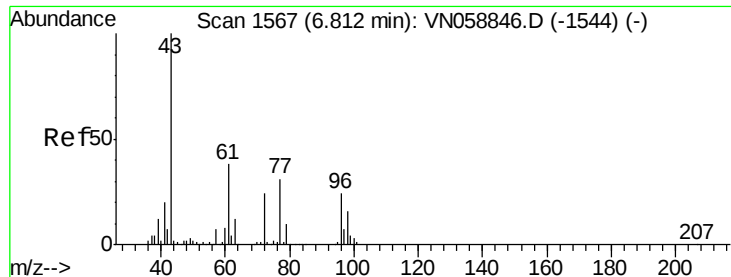
Ion Ratio Lower Upper

63 100

98 6.3 2.8 8.4

100 3.7 1.9 5.7





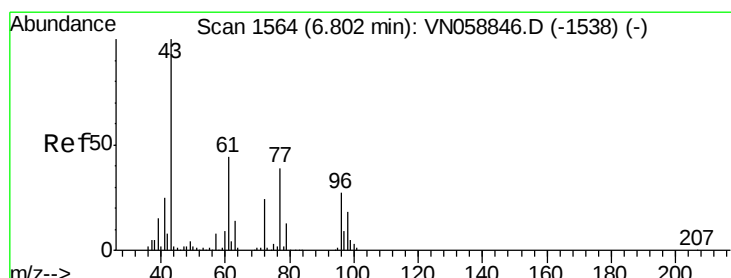
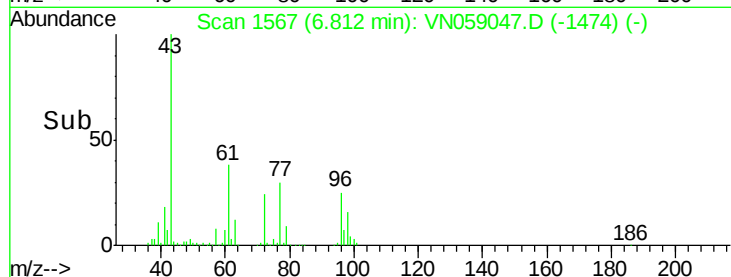
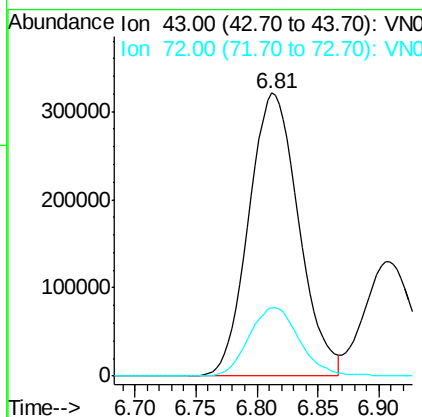
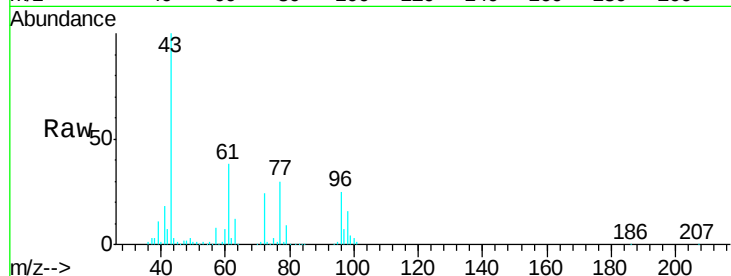
#25
2-Butanone
Concen: 261.140 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Instrument :
MSVOA_N
ClientSampleId :
SS003MW331-191030MSD

Tgt Ion: 43 Resp: 910287
Ion Ratio Lower Upper
43 100
72 24.3 19.1 28.7

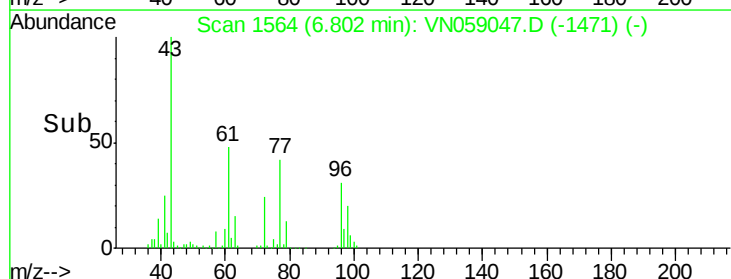
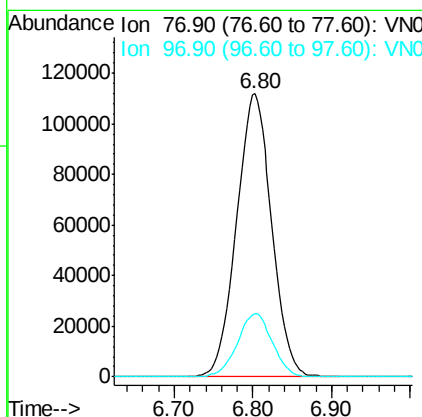
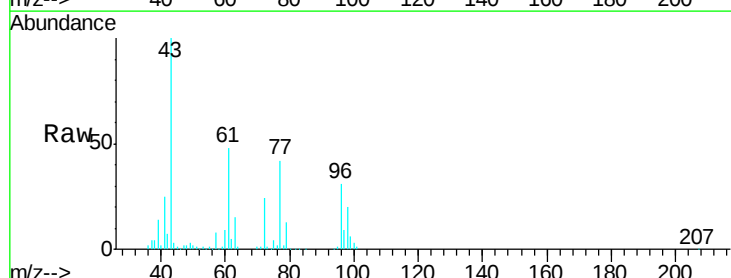
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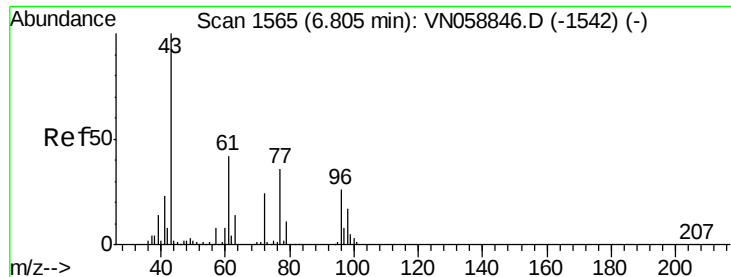
MMDadoda
11/4/2019 7:04:15 AM



#26
2,2-Dichloropropane
Concen: 48.189 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Tgt Ion: 77 Resp: 349418
Ion Ratio Lower Upper
77 100
97 22.4 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 53.488 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Instrument :

MSVOA_N

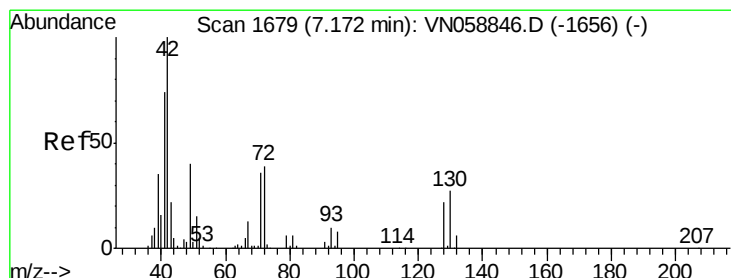
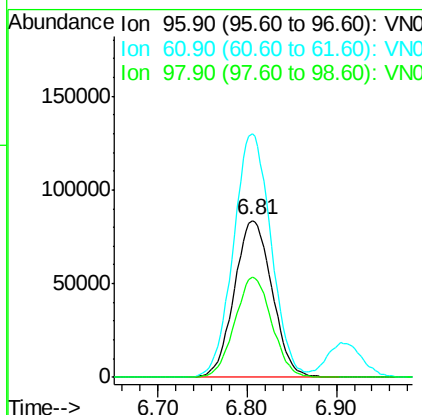
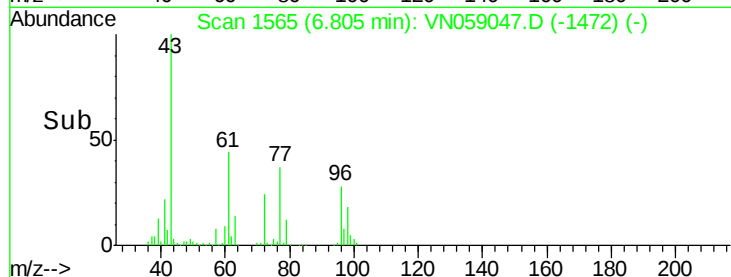
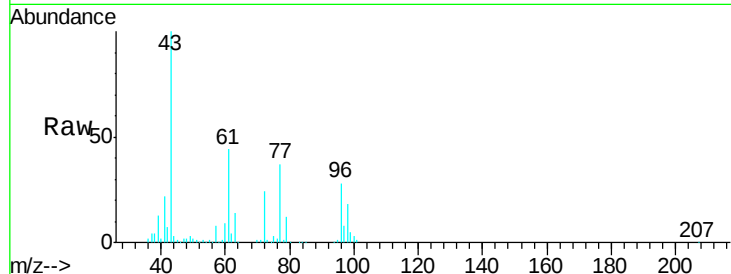
ClientSampleId :

SS003MW331-191030MSD

Tgt Ion:	96	Resp:	246476
Ion	Ratio	Lower	Upper
96	100		
61	154.8	0.0	325.0
98	62.6	0.0	128.0

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#28

Bromochloromethane

Concen: 52.201 ug/l

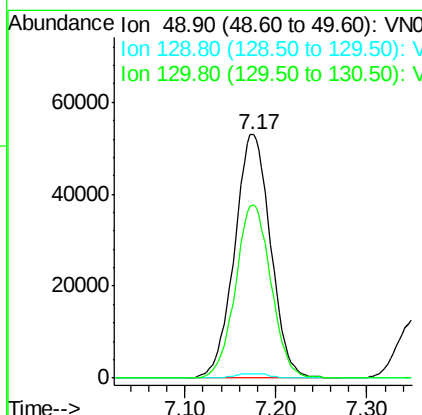
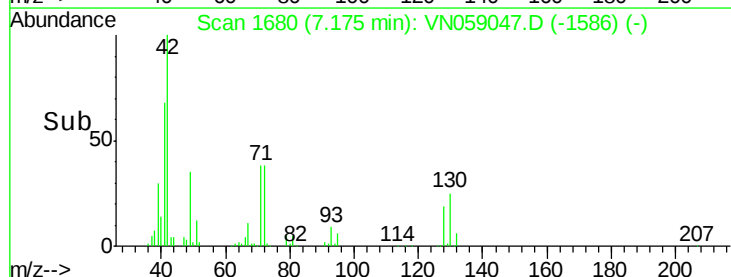
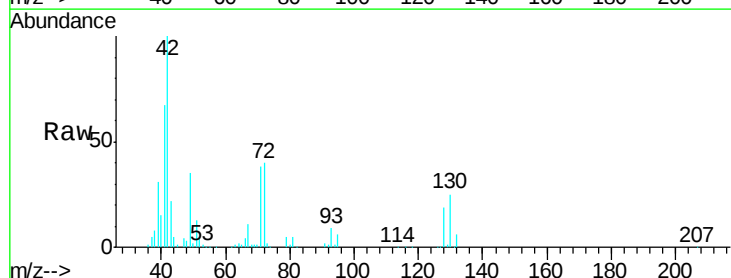
RT: 7.17 min Scan# 1680

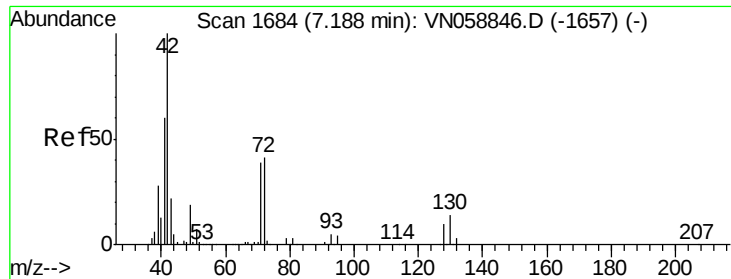
Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Tgt Ion:	49	Resp:	145738
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.2
130	70.0	53.5	80.3





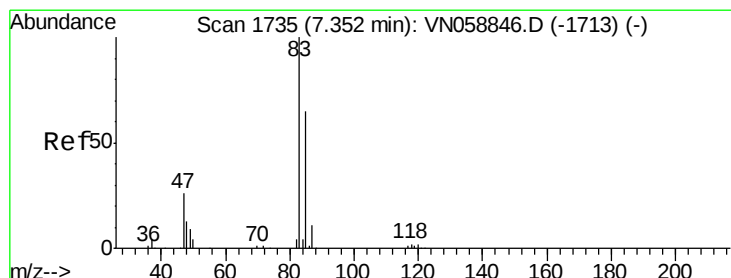
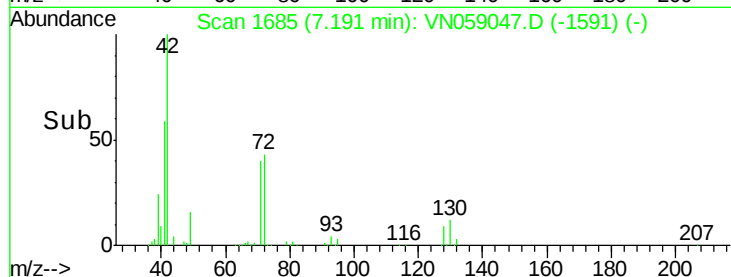
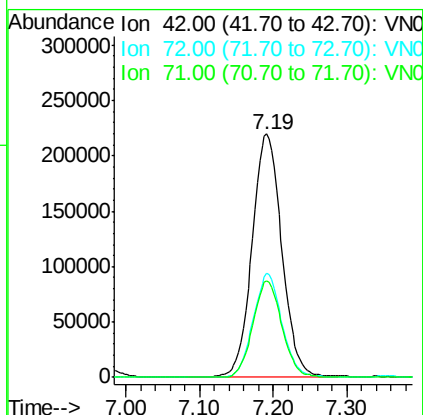
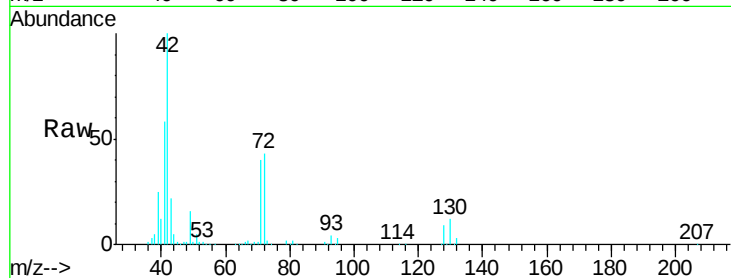
#29
Tetrahydrofuran
Concen: 289.172 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Instrument :
MSVOA_N
ClientSampleId :
SS003MW331-191030MSD

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.3	32.2	48.2
71	38.6	30.6	45.8

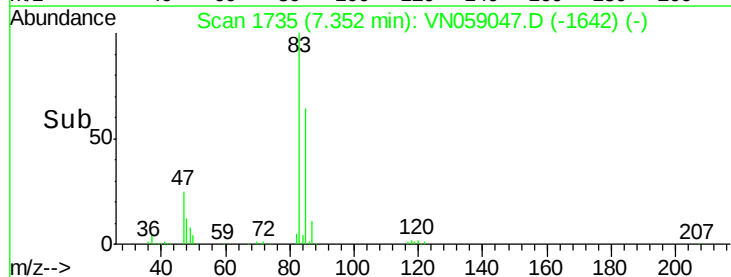
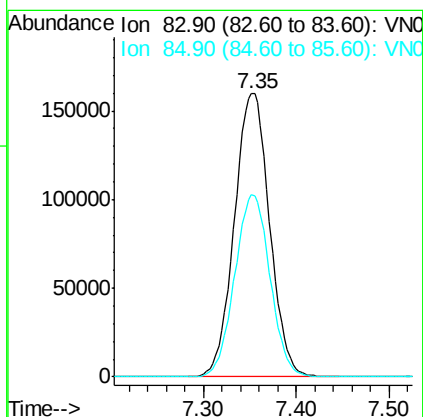
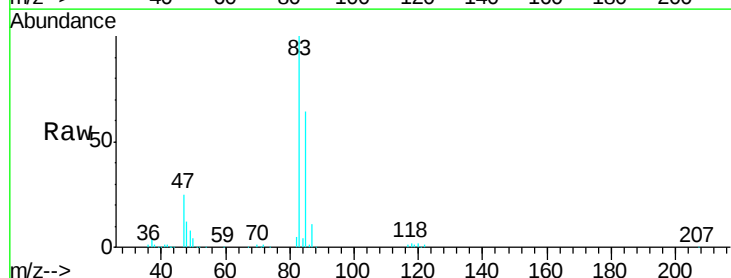
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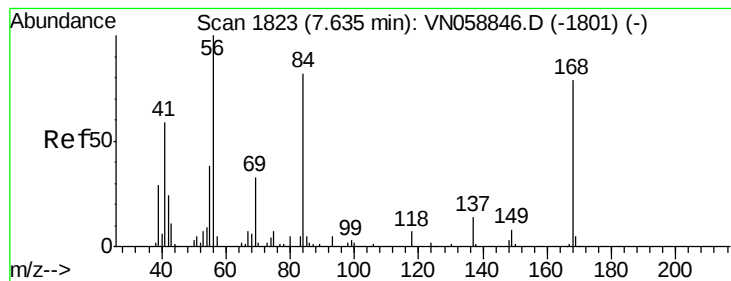
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#30
Chloroform
Concen: 50.002 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.9	77.9





#31

Cyclohexane

Concen: 46.608 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Instrument :

MSVOA_N

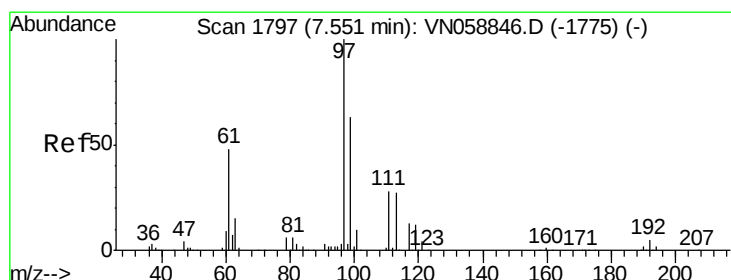
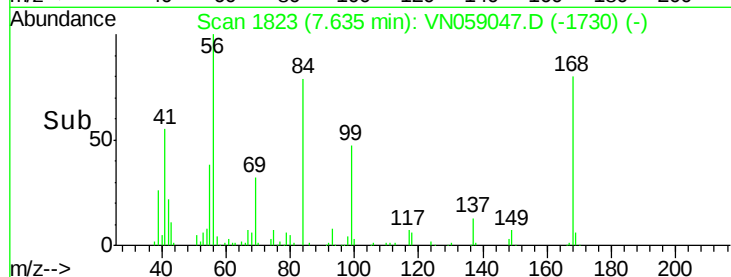
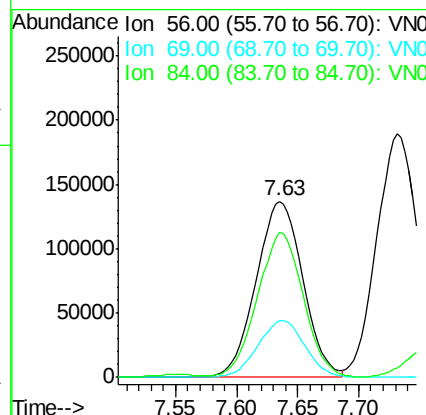
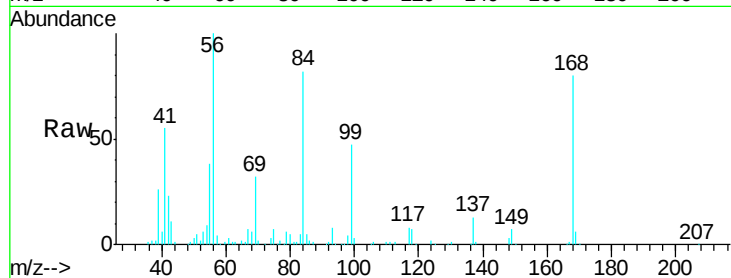
ClientSampleId :

SS003MW331-191030MSD

Tgt Ion:	56	Resp:	363994
Ion	Ratio	Lower	Upper
56	100		
69	32.3	26.2	39.4
84	81.0	65.6	98.4

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#32

1,1,1-Trichloroethane

Concen: 50.634 ug/l

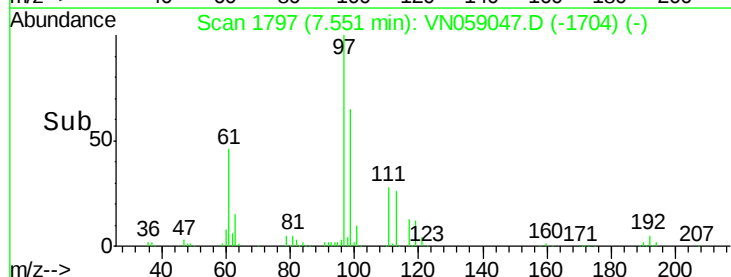
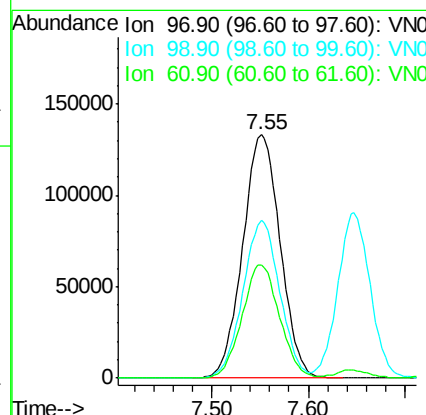
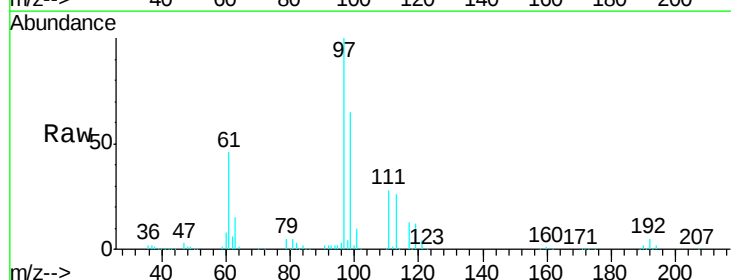
RT: 7.55 min Scan# 1797

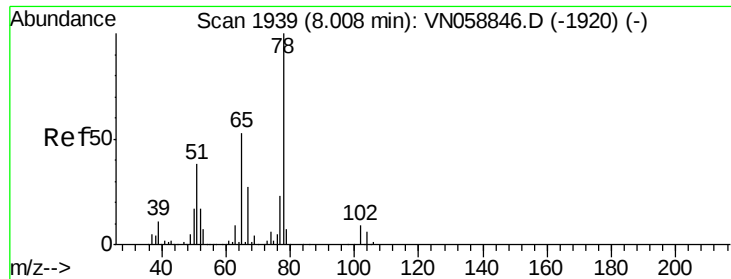
Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Tgt Ion:	97	Resp:	358883
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.0	76.4
61	46.4	38.6	58.0





#33

1,2-Dichloroethane-d4

Concen: 46.933 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

SS003MW331-191030MSD

Tgt Ion: 65 Resp: 255051

Ion Ratio Lower Upper

65 100

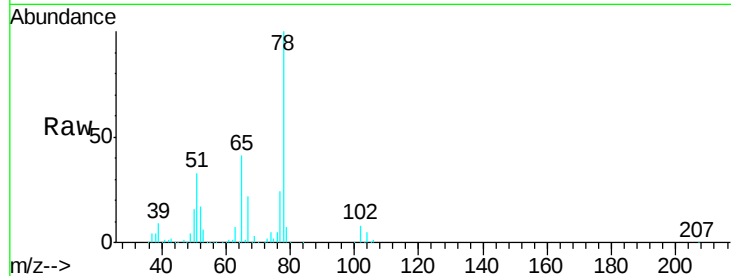
67 52.8 0.0 103.2

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Abundance Ion 64.90 (64.60 to 65.60): VN058846.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN058846.D (-1920) (-)

8.01

120000

100000

80000

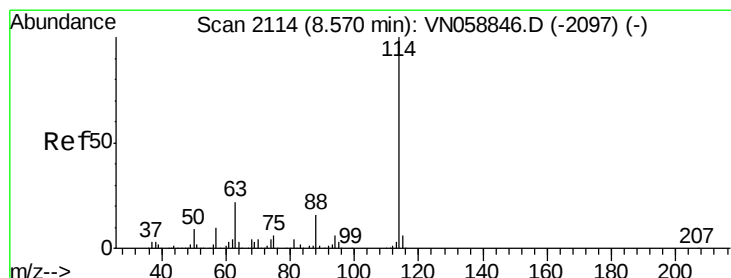
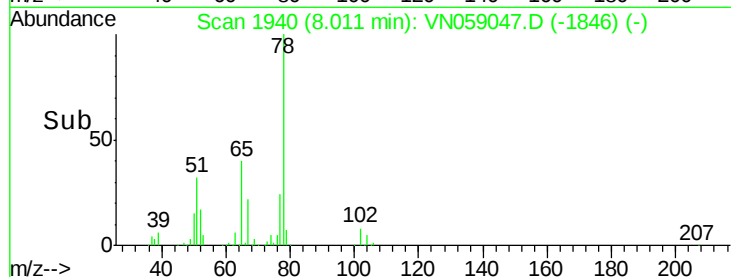
60000

40000

20000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

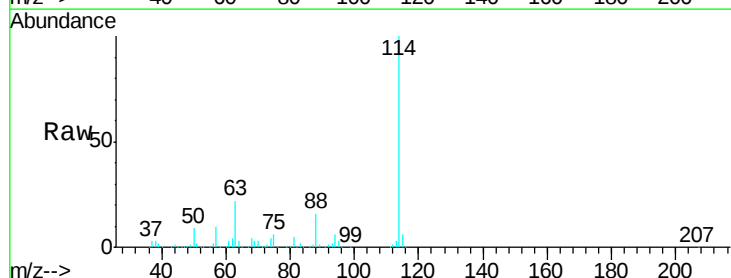
Tgt Ion: 114 Resp: 582225

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.4

88 16.5 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN058846.D (-2097) (-)

Ion 63.00 (62.70 to 63.70): VN058846.D (-2097) (-)

Ion 87.90 (87.60 to 88.60): VN058846.D (-2097) (-)

8.57

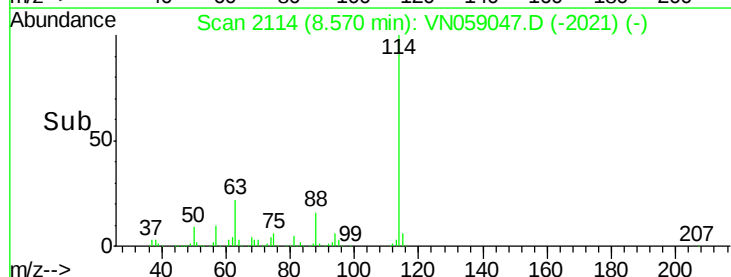
300000

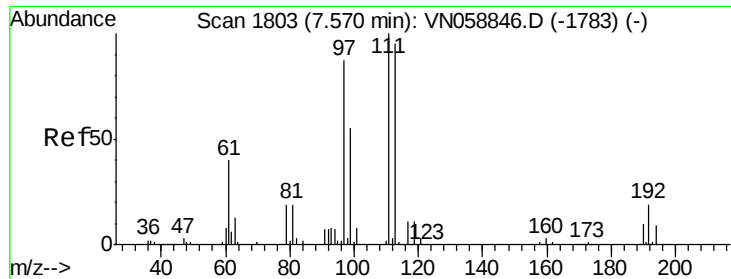
200000

100000

0

Time--> 8.45 8.50 8.55 8.60 8.65





#35

Dibromofluoromethane

Concen: 51.390 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Instrument :

MSVOA_N

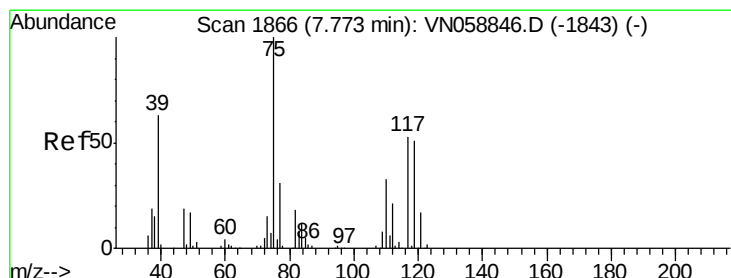
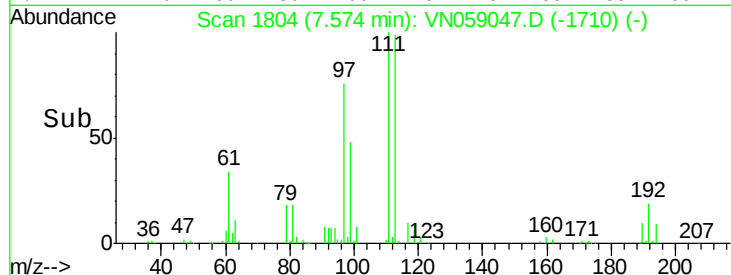
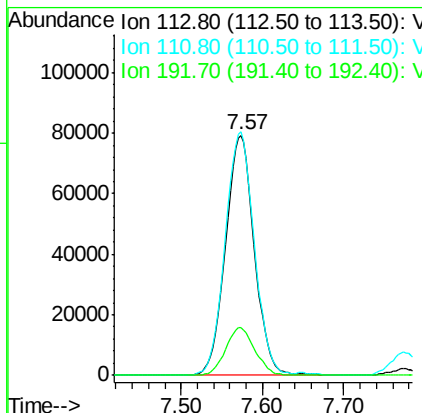
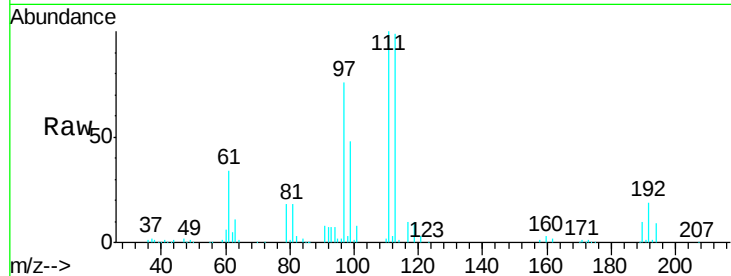
ClientSampleId :

SS003MW331-191030MSD

Tgt Ion:	113	Resp:	196720
Ion Ratio	Lower	Upper	
113	100		
111	102.3	82.0	123.0
192	20.0	15.0	22.6

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#36

1,1-Dichloropropene

Concen: 51.100 ug/l

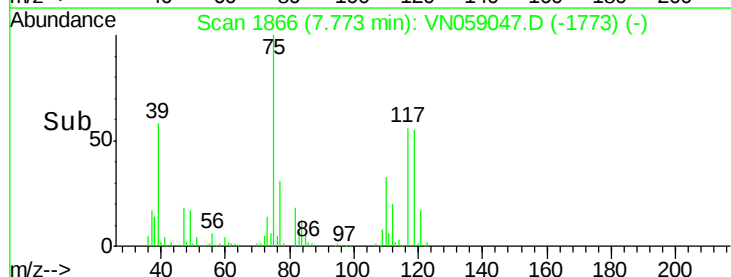
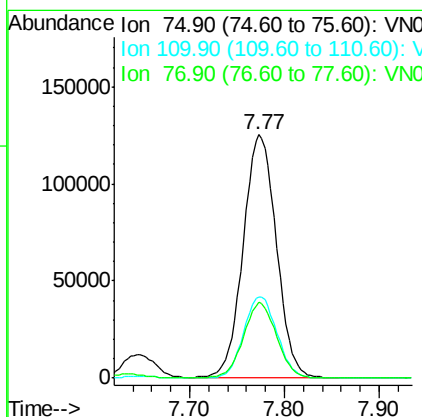
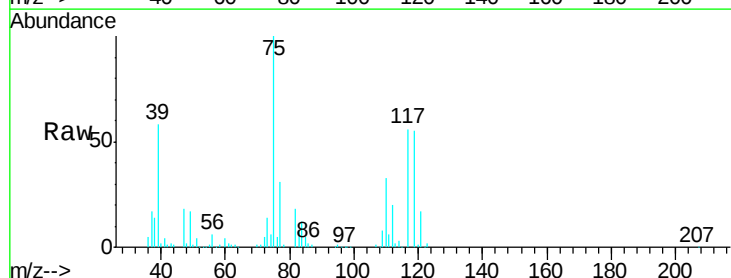
RT: 7.77 min Scan# 1866

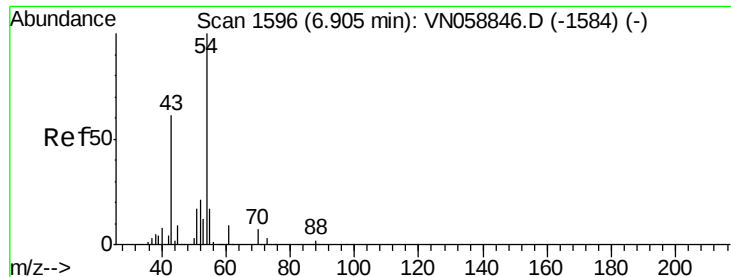
Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Tgt Ion:	75	Resp:	304596
Ion Ratio	Lower	Upper	
75	100		
110	33.5	16.3	48.9
77	31.2	24.6	36.8





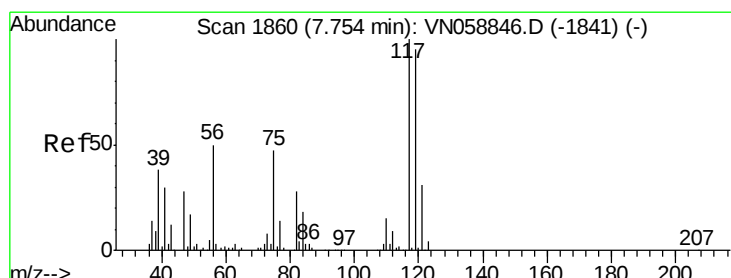
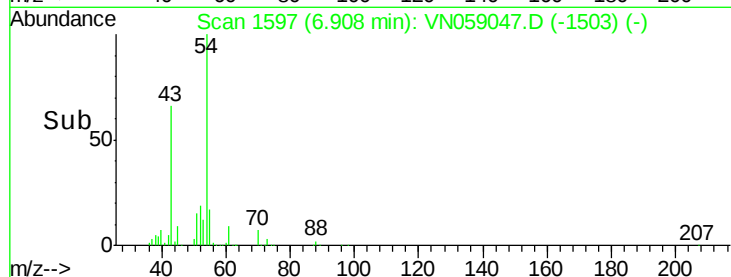
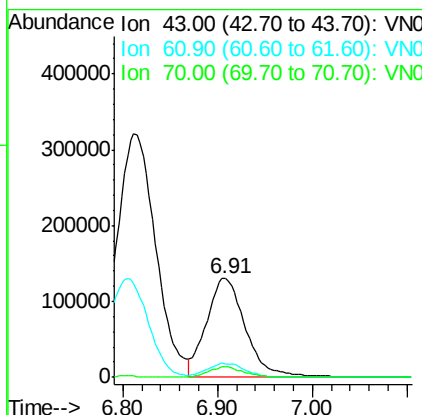
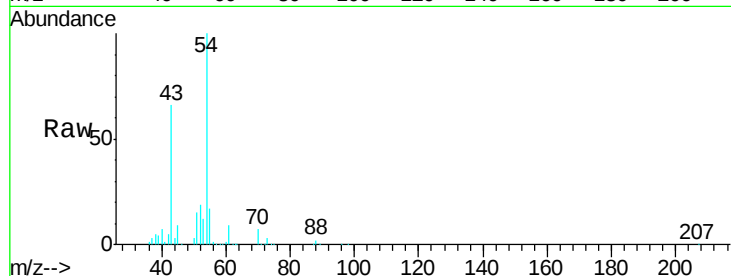
#37
Ethyl Acetate
Concen: 56.509 ug/l
RT: 6.91 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Instrument :
MSVOA_N
ClientSampleId :
SS003MW331-191030MSD

Tgt Ion: 43 Resp: 367022
Ion Ratio Lower Upper
43 100
61 13.8 10.5 15.7
70 9.7 7.6 11.4

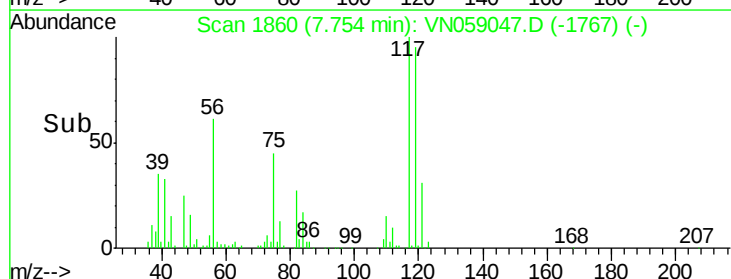
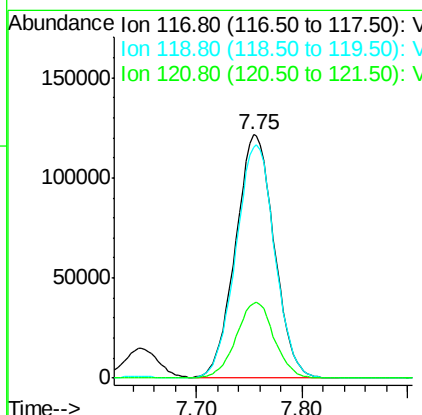
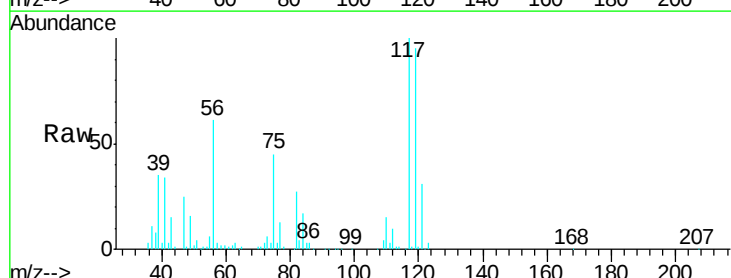
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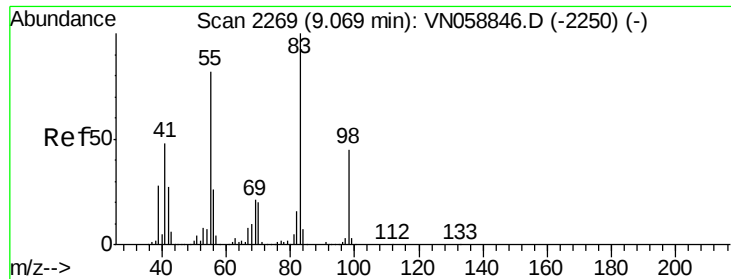
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#38
Carbon Tetrachloride
Concen: 50.492 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Tgt Ion: 117 Resp: 310059
Ion Ratio Lower Upper
117 100
119 94.9 75.7 113.5
121 30.9 25.0 37.6





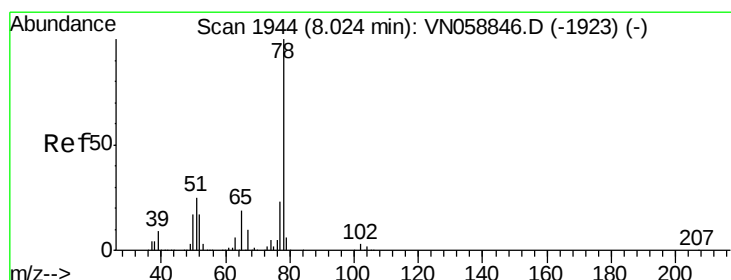
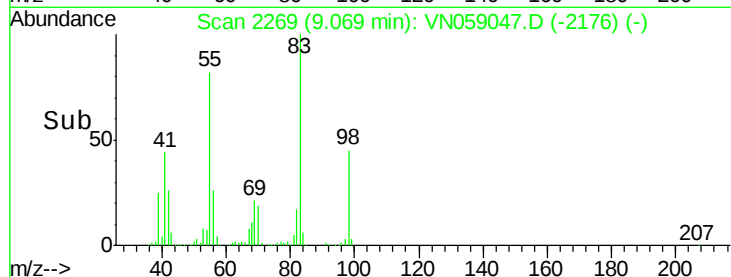
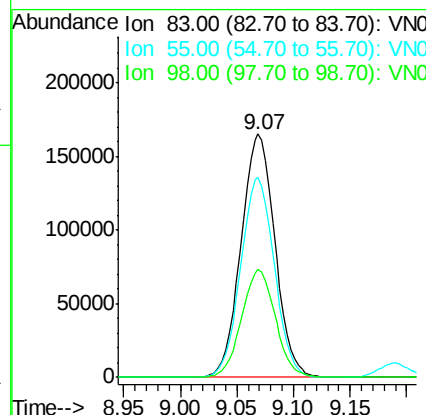
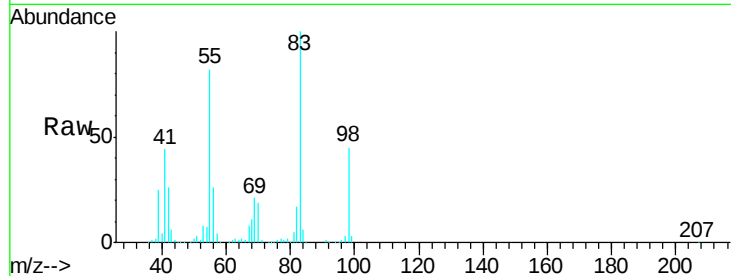
#39
Methylcyclohexane
Concen: 51.400 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Instrument :
MSVOA_N
ClientSampleId :
SS003MW331-191030MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
83	100		
55	82.0	65.5	98.3
98	44.5	35.7	53.5

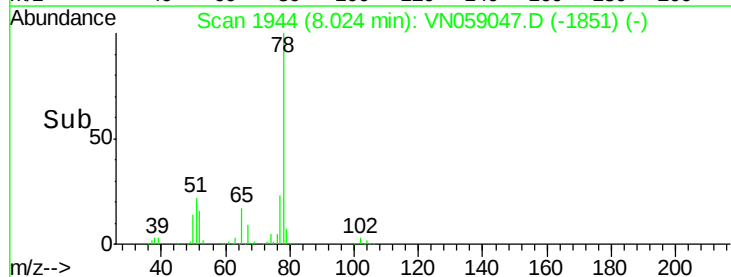
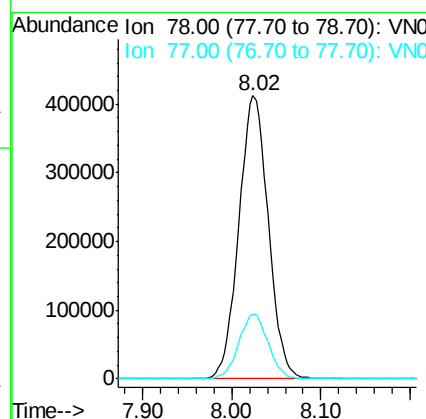
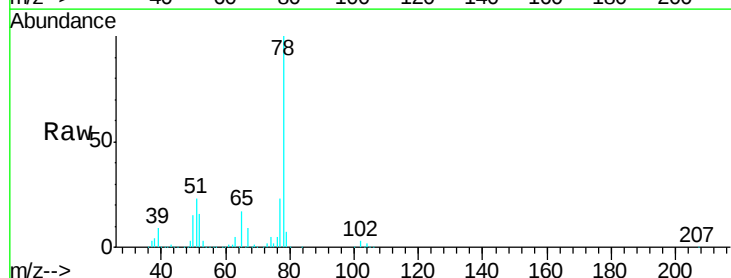
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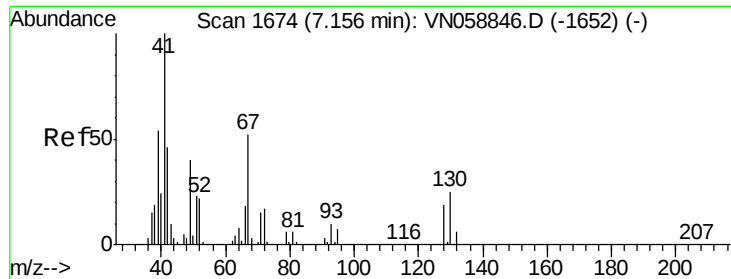
MMDadoda
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#40
Benzene
Concen: 53.970 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
78	100		
77	23.0	18.2	27.2





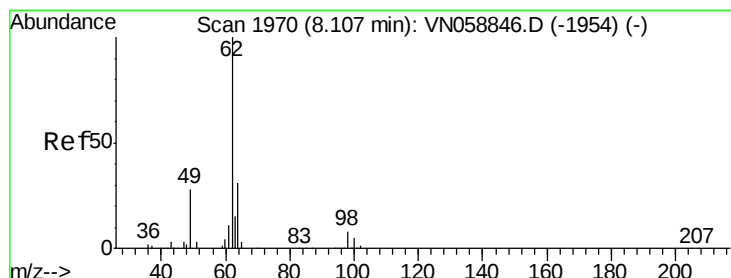
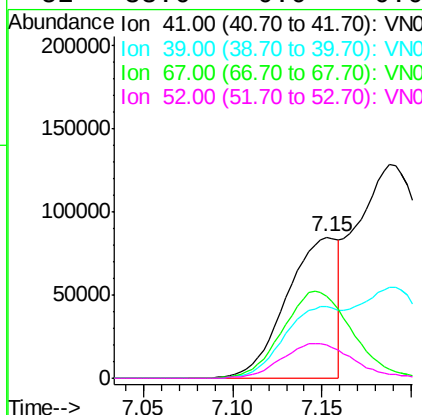
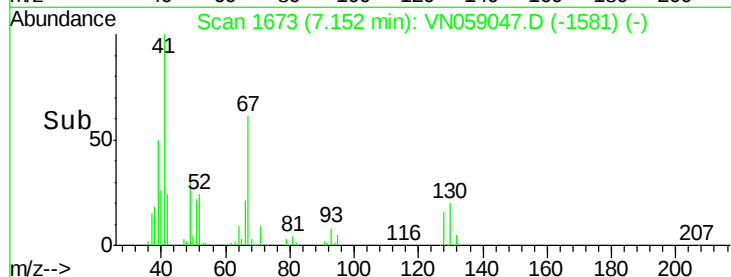
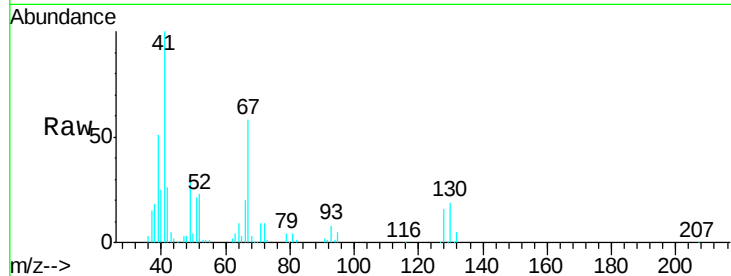
#41
Methacrylonitrile
Concen: 58.698 ug/l
RT: 7.15 min Scan# 1673
Delta R.T. -0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Instrument :
MSVOA_N
ClientSampleId :
SS003MW331-191030MSD

Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.1	0.0	0.0#
67	83.5	0.0	0.0#
52	33.6	0.0	0.0#

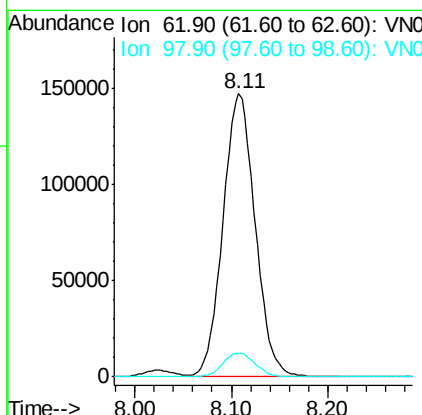
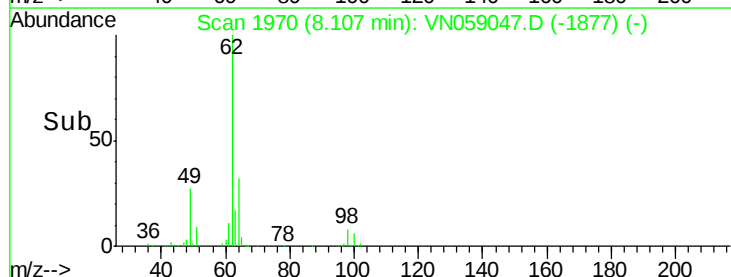
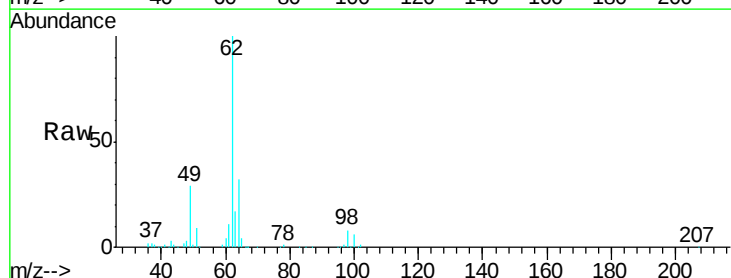
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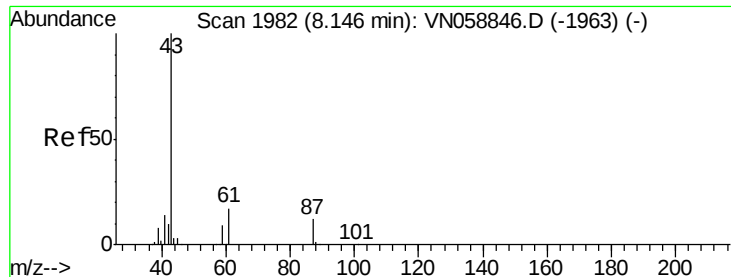
MMDadoda
11/4/2019 7:04:15 AM



#42
1,2-Dichloroethane
Concen: 50.445 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.2





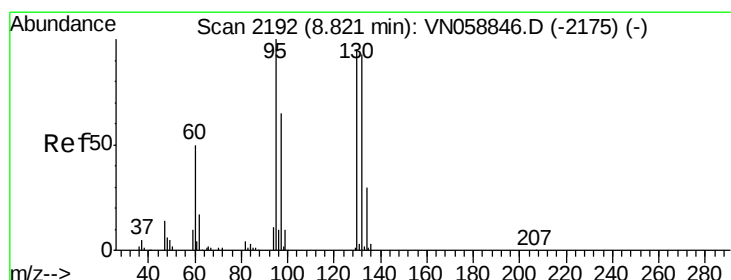
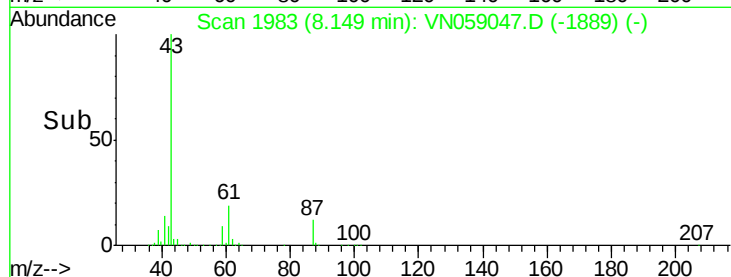
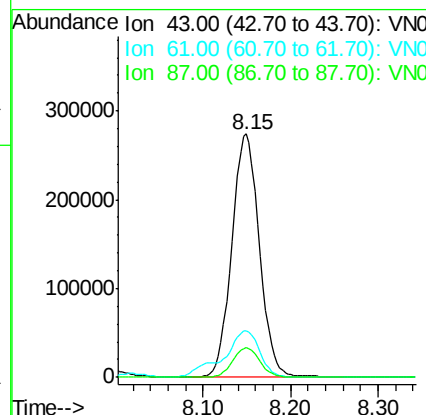
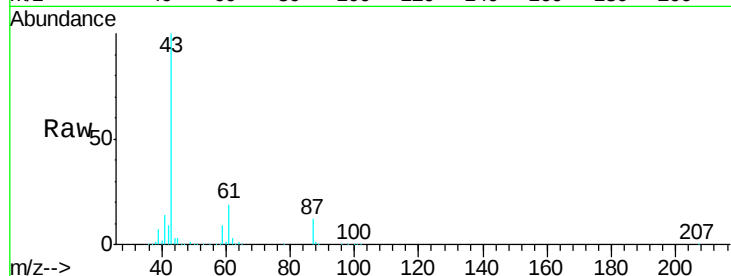
#43
Isopropyl Acetate
Concen: 57.167 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Instrument :
MSVOA_N
ClientSampleId :
SS003MW331-191030MSD

Tgt Ion	Ratio	Lower	Upper
43	100		
61	25.4	20.2	30.2
87	12.2	9.5	14.3

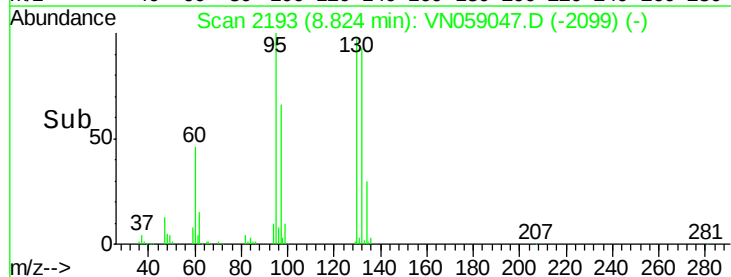
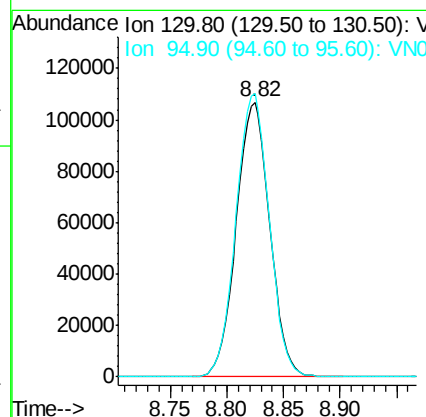
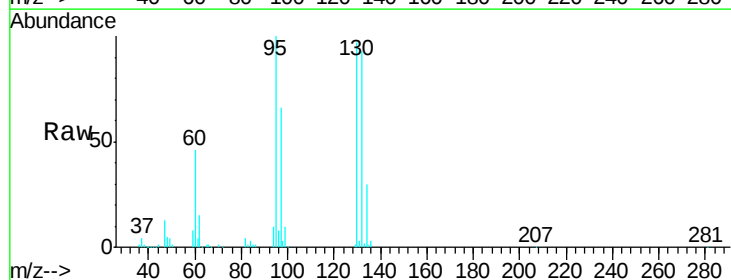
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#44
Trichloroethene
Concen: 51.687 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	209.6





#45

1,2-Dichloropropane

Concen: 54.900 ug/l

RT: 9.11 min Scan# 2281

Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

SS003MW331-191030MSD

Tgt Ion: 63 Resp: 263506

Ion Ratio Lower Upper

63 100

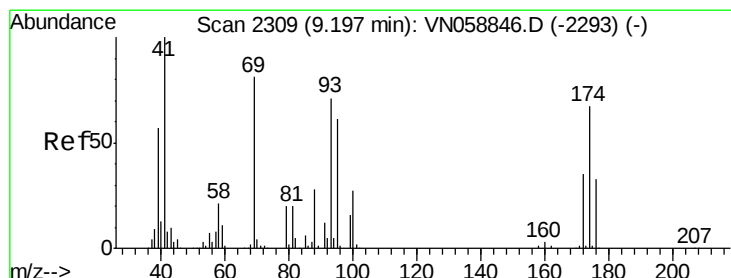
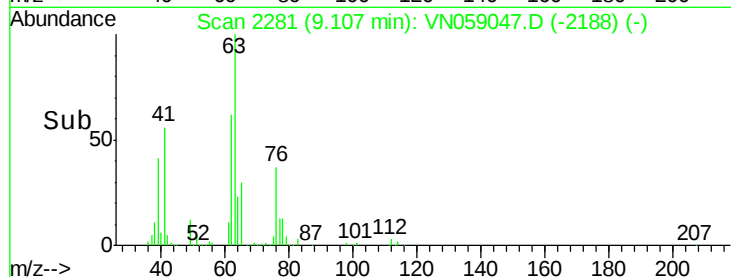
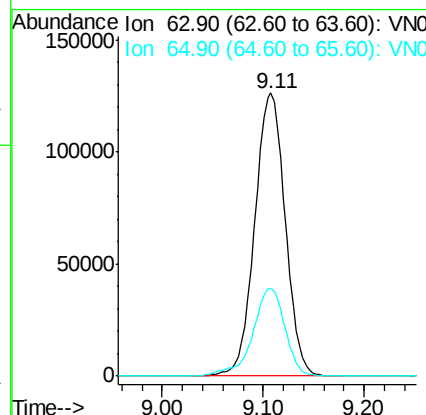
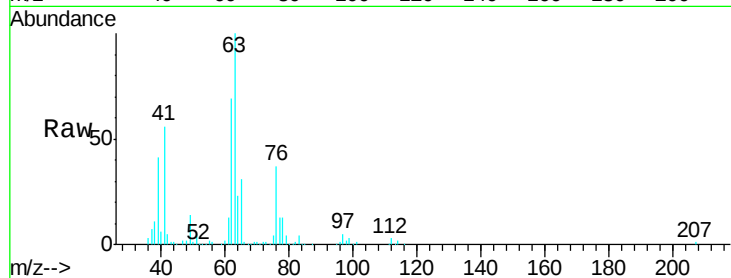
65 31.1 24.5 36.7

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#46

Dibromomethane

Concen: 53.566 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

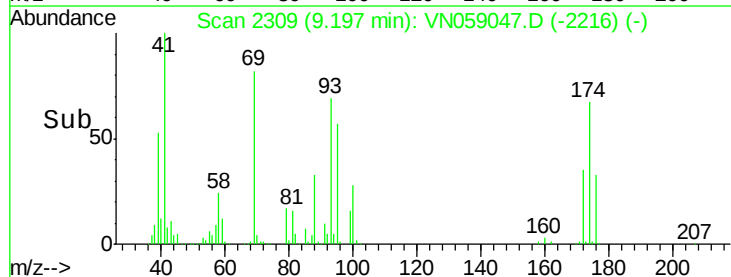
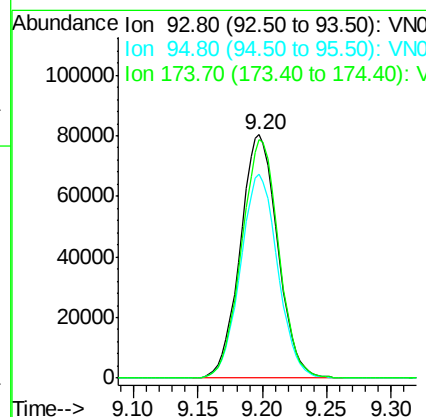
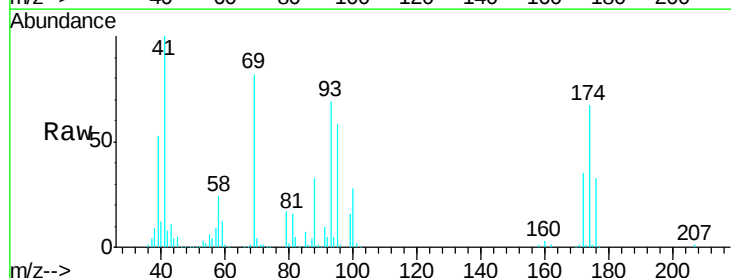
Tgt Ion: 93 Resp: 162537

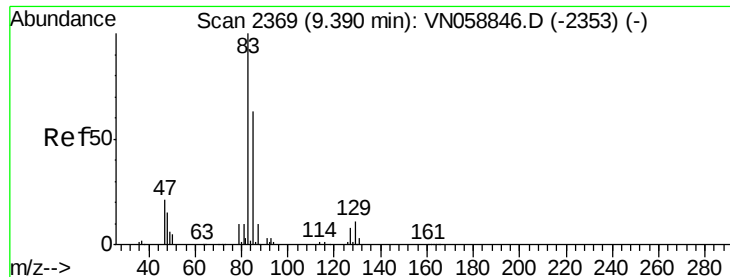
Ion Ratio Lower Upper

93 100

95 83.2 67.6 101.4

174 97.2 74.1 111.1





#47

Bromodichloromethane

Concen: 54.572 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Instrument :

MSVOA_N

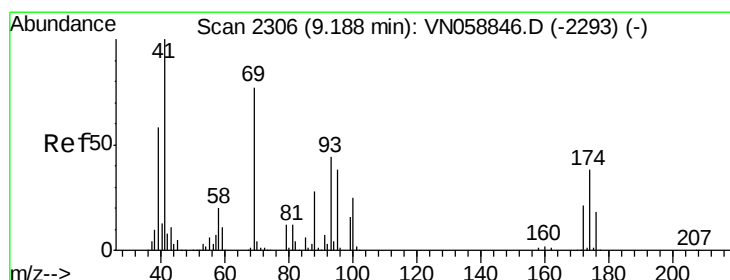
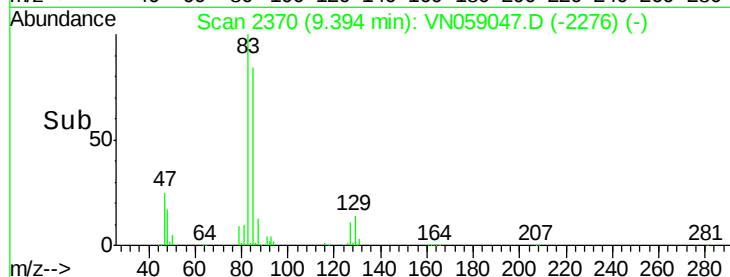
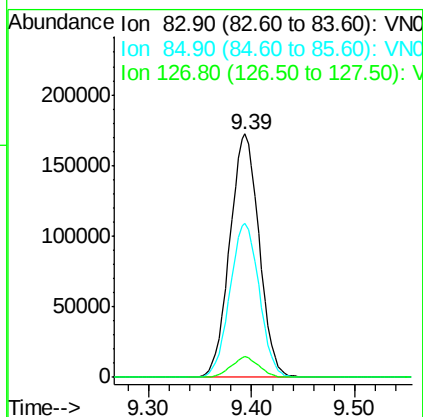
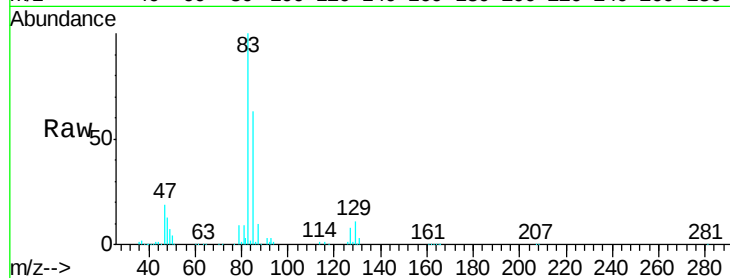
ClientSampleId :

SS003MW331-191030MSD

Tgt Ion:	83	Resp:	341284
Ion Ratio	Lower	Upper	
83	100		
85	63.1	50.6	75.8
127	8.4	6.5	9.7

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#48

Methyl methacrylate

Concen: 58.575 ug/l

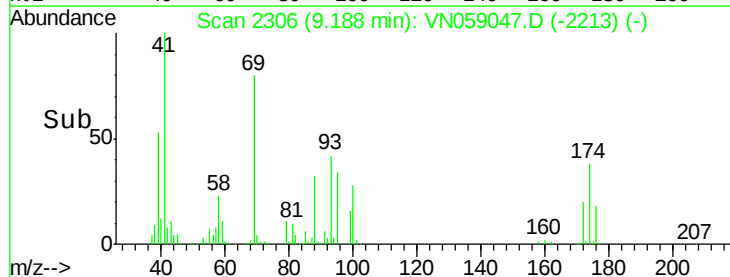
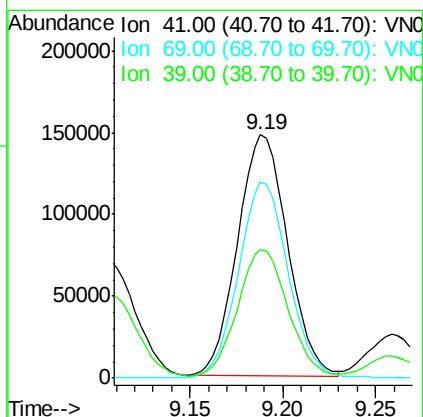
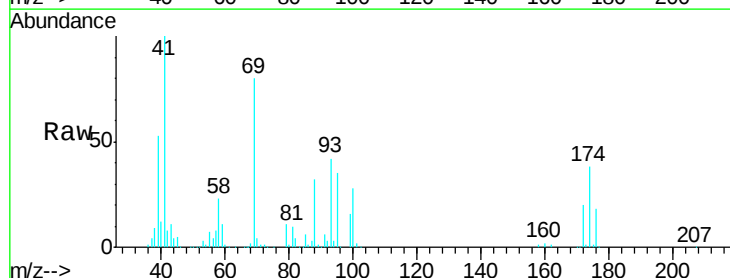
RT: 9.19 min Scan# 2306

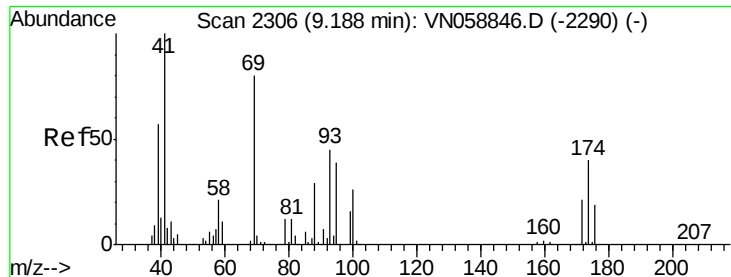
Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Tgt Ion:	41	Resp:	276827
Ion Ratio	Lower	Upper	
41	100		
69	81.6	63.8	95.6
39	53.9	47.8	71.8





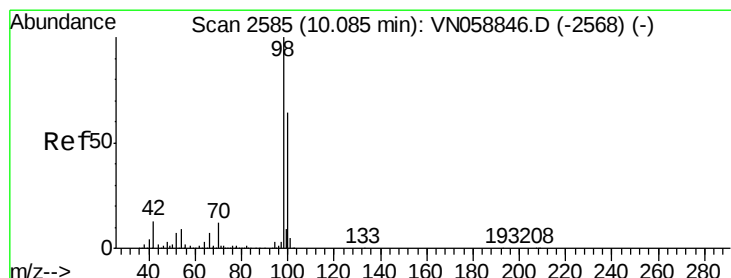
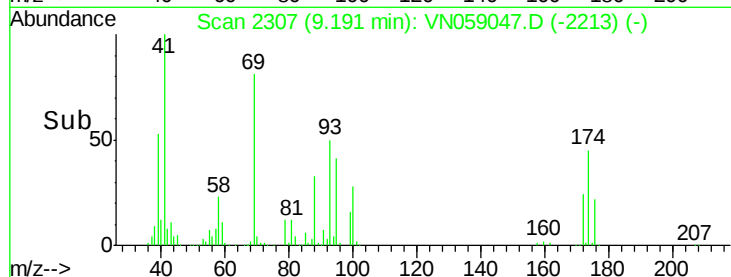
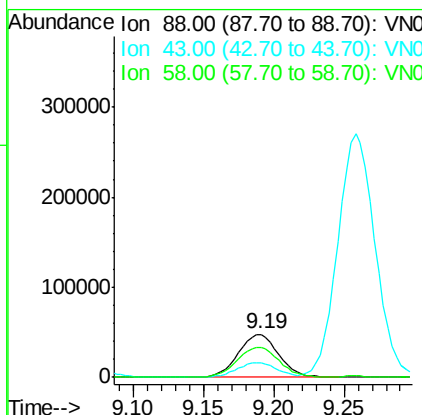
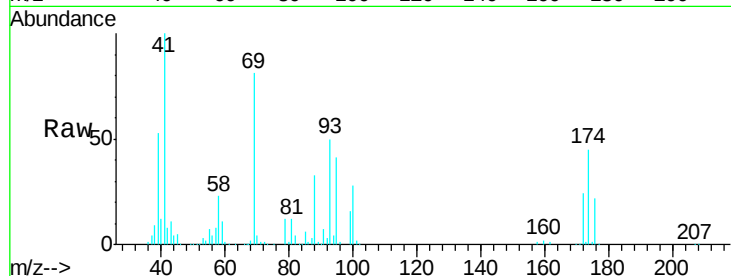
#49
1,4-Dioxane
Concen: 1239.833 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Instrument :
MSVOA_N
ClientSampleId :
SS003MW331-191030MSD

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	96187		
43	33.4	29.1	43.7	
58	72.9	59.4	89.0	

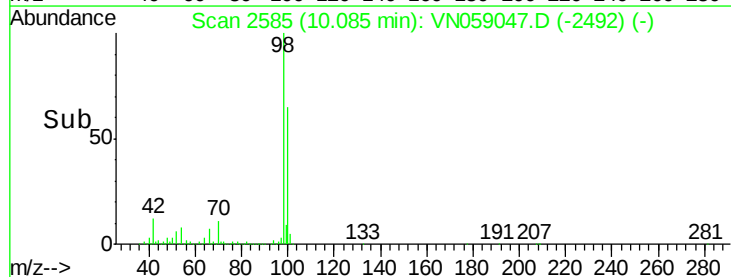
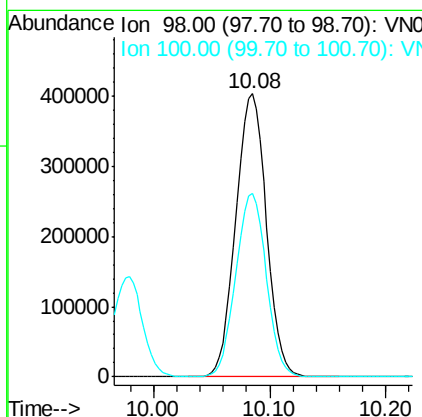
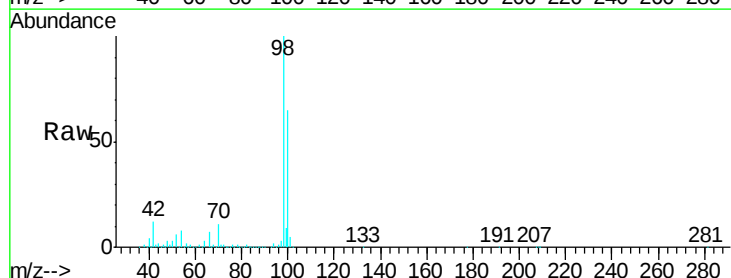
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#50
Toluene-d8
Concen: 49.794 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	739920		
100	64.5	51.4	77.2	





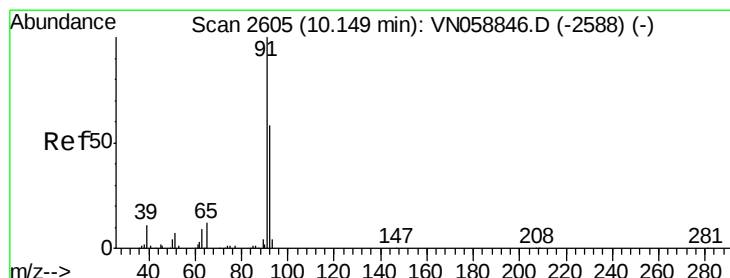
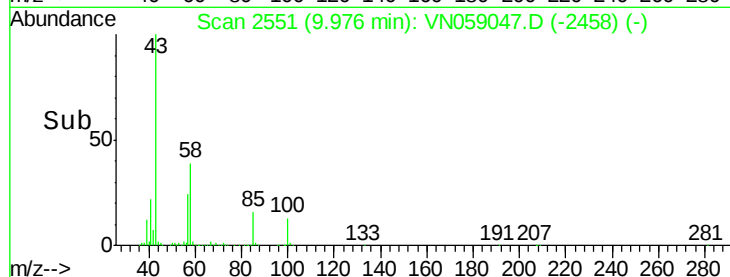
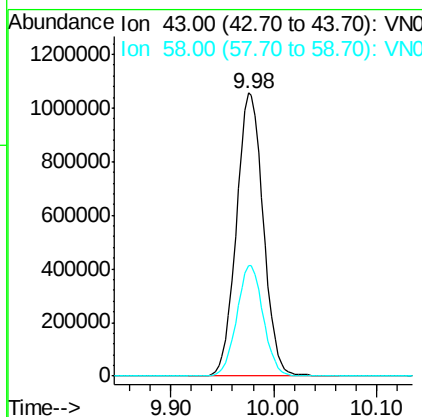
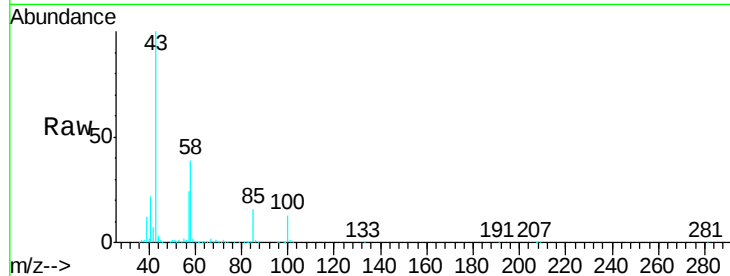
#51
 4-Methyl-2-Pentanone
 Concen: 314.202 ug/l
 RT: 9.98 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: VN059047.D
 Acq: 31 Oct 2019 18:12

Instrument :
 MSVOA_N
 ClientSampleId :
 SS003MW331-191030MSD

Tgt Ion: 43 Resp: 1911669
 Ion Ratio Lower Upper
 43 100
 58 38.6 29.9 44.9

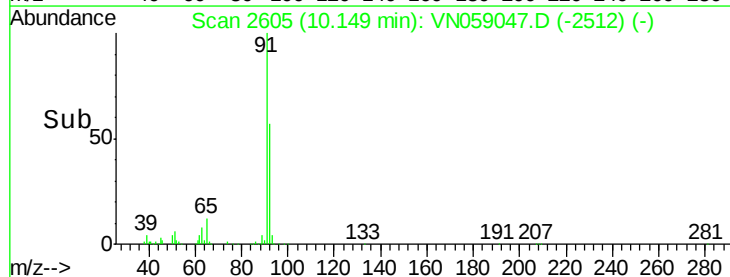
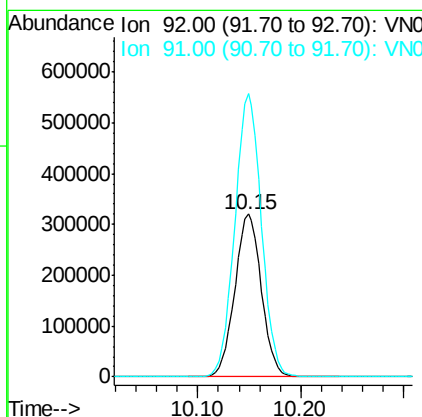
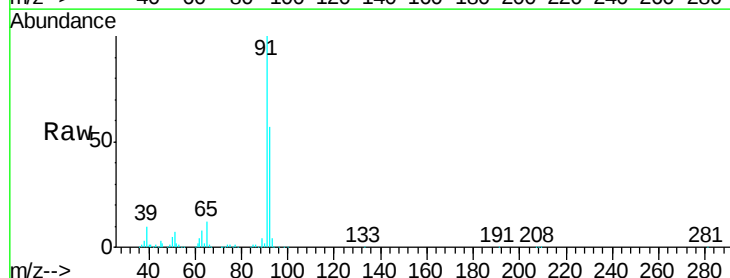
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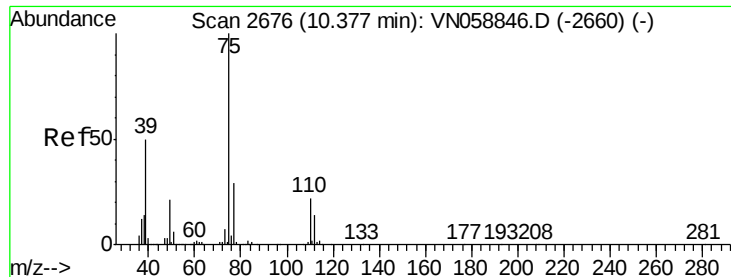
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#52
 Toluene
 Concen: 55.315 ug/l
 RT: 10.15 min Scan# 2605
 Delta R.T. 0.00 min
 Lab File: VN059047.D
 Acq: 31 Oct 2019 18:12

Tgt Ion: 92 Resp: 574165
 Ion Ratio Lower Upper
 92 100
 91 173.9 138.9 208.3





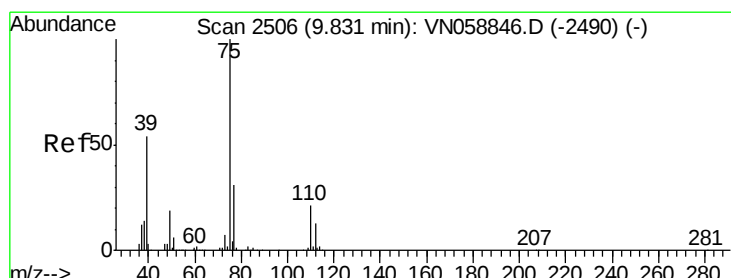
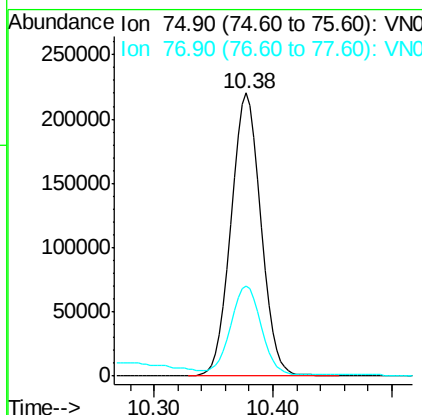
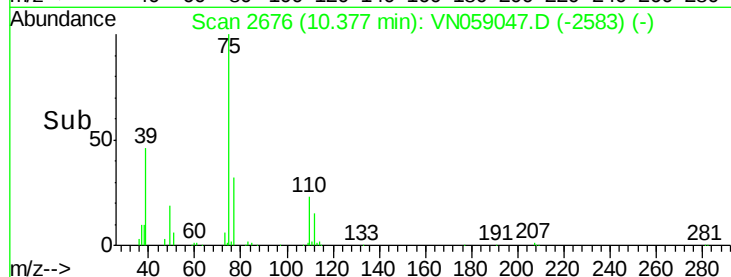
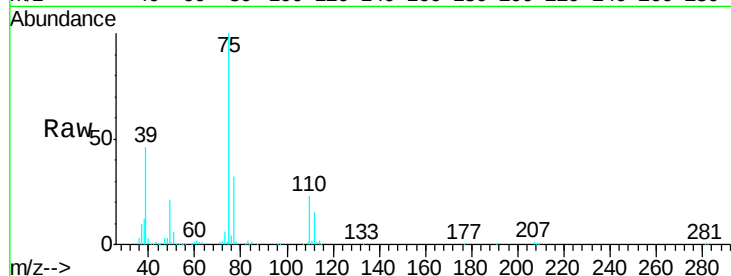
#53
t-1,3-Dichloropropene
Concen: 55.133 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Instrument :
MSVOA_N
ClientSampleId :
SS003MW331-191030MSD

Tgt Ion: 75 Resp: 381695
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5

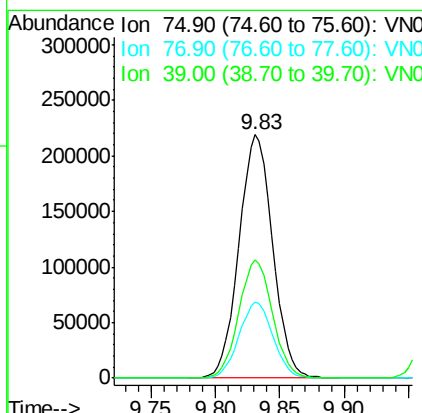
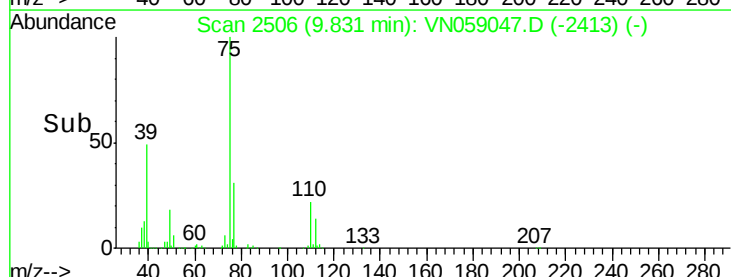
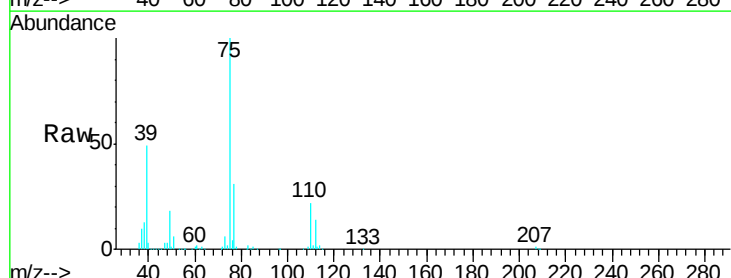
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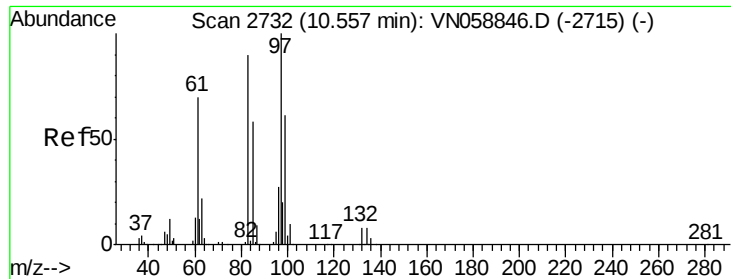
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#54
cis-1,3-Dichloropropene
Concen: 53.905 ug/l
RT: 9.83 min Scan# 2506
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Tgt Ion: 75 Resp: 398712
Ion Ratio Lower Upper
75 100
77 31.2 24.7 37.1
39 48.5 43.5 65.3





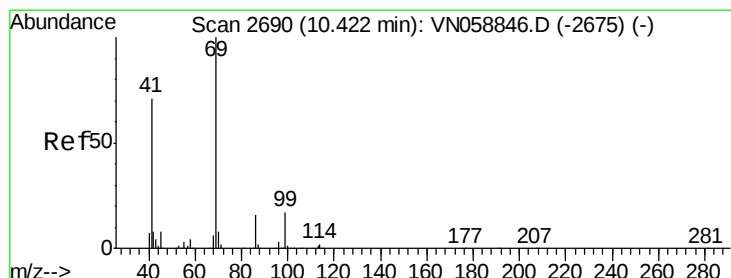
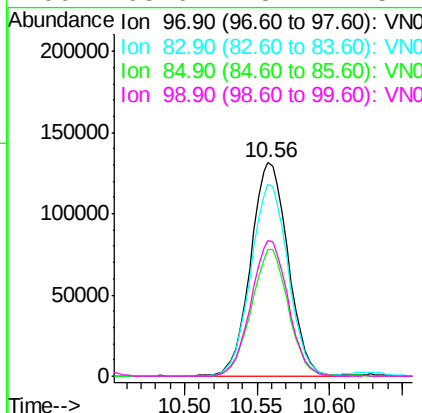
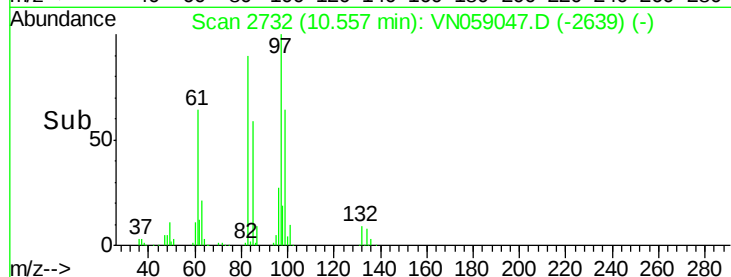
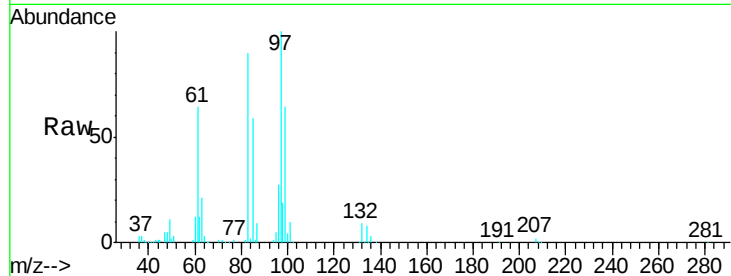
#55
 1,1,2-Trichloroethane
 Concen: 55.268 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: VN059047.D
 Acq: 31 Oct 2019 18:12

Instrument :
 MSVOA_N
 ClientSampleId :
 SS003MW331-191030MSD

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	236331		
83	89.7	72.2	108.4	
85	59.3	46.2	69.2	
99	63.6	48.7	73.1	

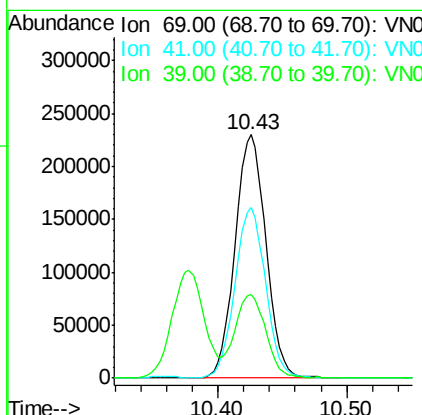
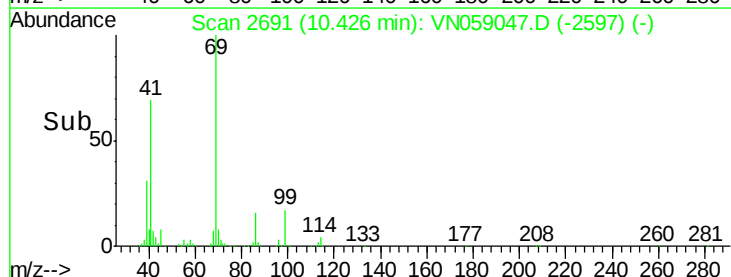
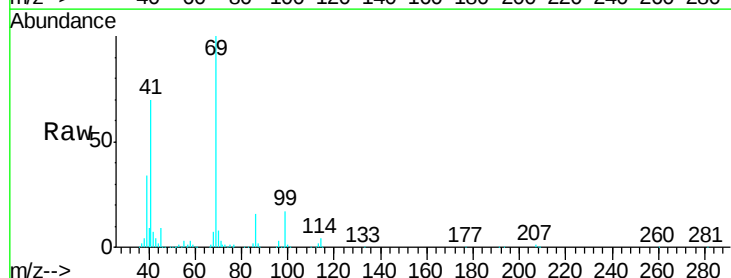
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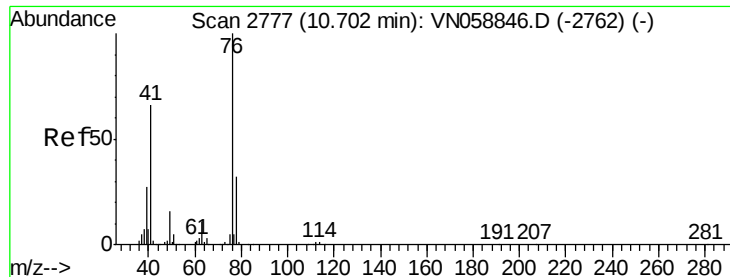
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#56
 Ethyl methacrylate
 Concen: 53.226 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN059047.D
 Acq: 31 Oct 2019 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	383330		
41	68.4	57.2	85.8	
39	33.6	31.0	46.4	





#57

1,3-Dichloropropane

Concen: 55.138 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

SS003MW331-191030MSD

Tgt Ion: 76 Resp: 413806

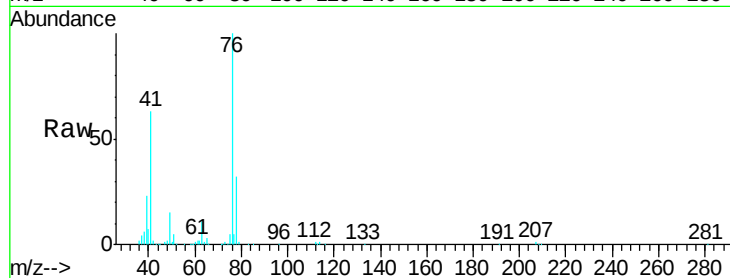
Ion Ratio Lower Upper

76 100

78 32.6 25.4 38.0

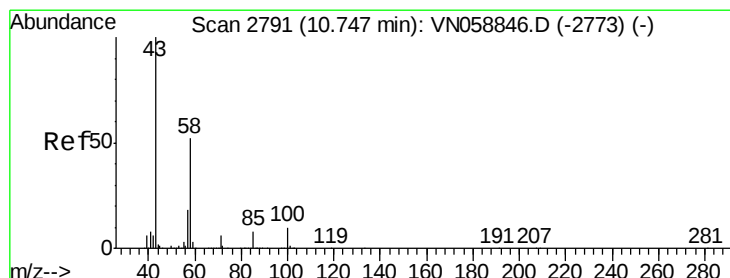
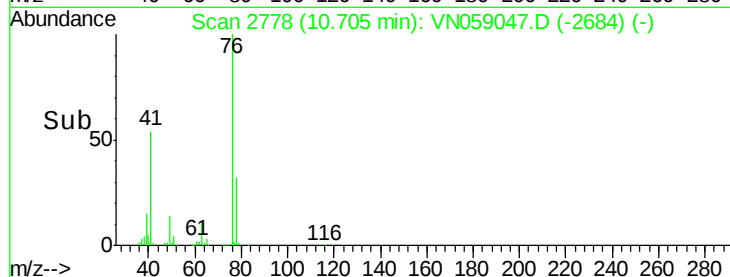
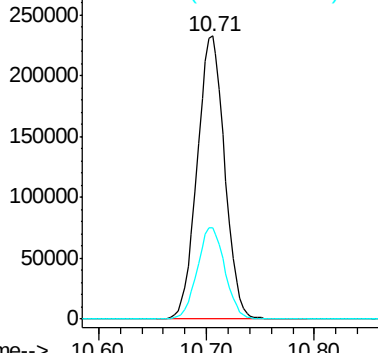
Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 304.511 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VN059047.D

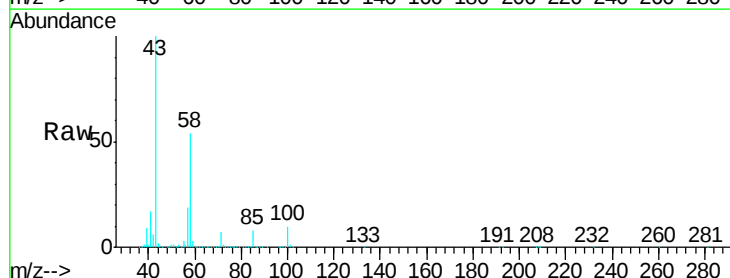
Acq: 31 Oct 2019 18:12

Tgt Ion: 43 Resp: 1431650

Ion Ratio Lower Upper

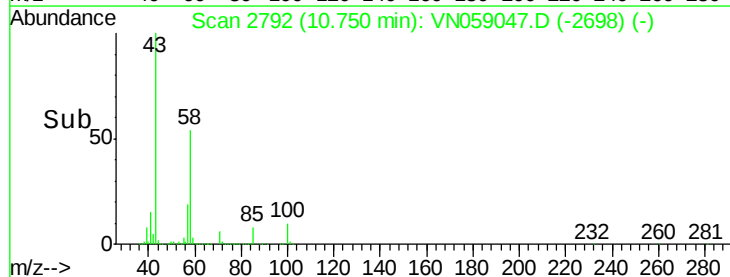
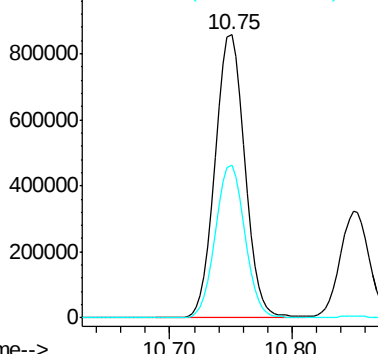
43 100

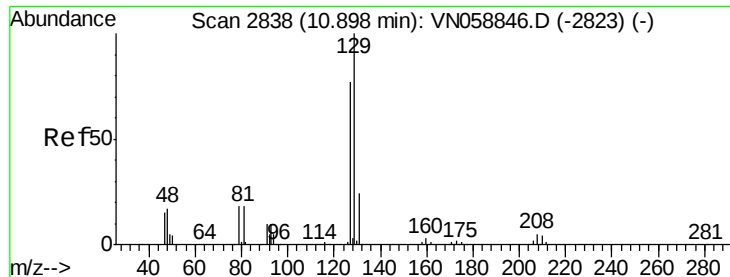
58 53.8 25.9 77.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#60

Dibromochloromethane

Concen: 56.248 ug/l

RT: 10.90 min Scan# 2838

Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

SS003MW331-191030MSD

Tgt Ion:129 Resp: 258886

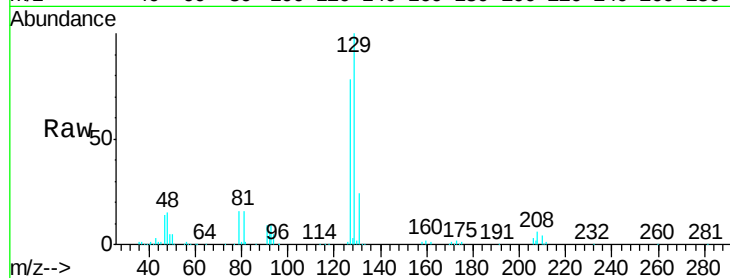
Ion Ratio Lower Upper

129 100

127 77.8 39.1 117.3

Manual Integrations
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.90

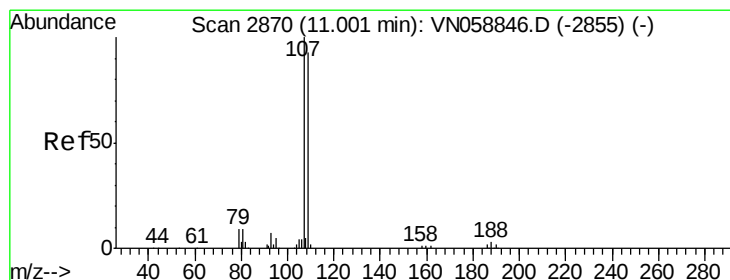
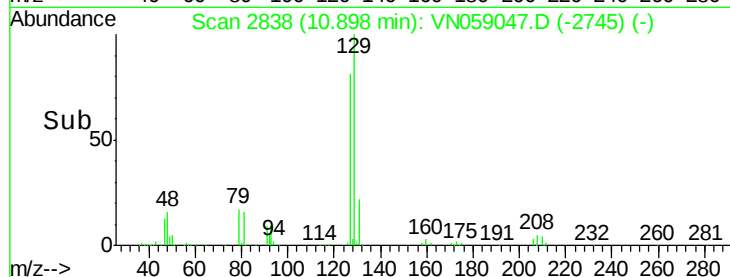
150000

100000

50000

0

Time--> 10.80 10.90 11.00



#61

1,2-Dibromoethane

Concen: 55.246 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN059047.D

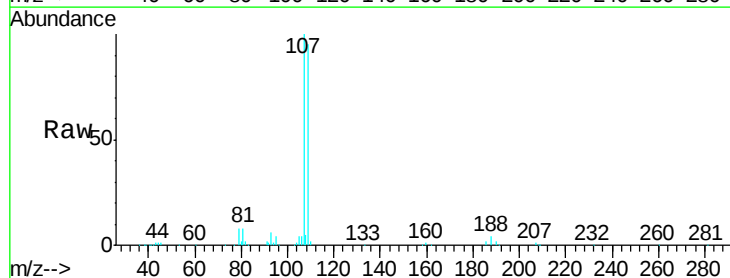
Acq: 31 Oct 2019 18:12

Tgt Ion:107 Resp: 241760

Ion Ratio Lower Upper

107 100

109 95.3 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

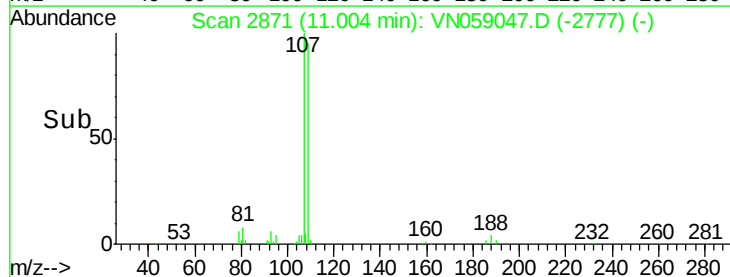
150000

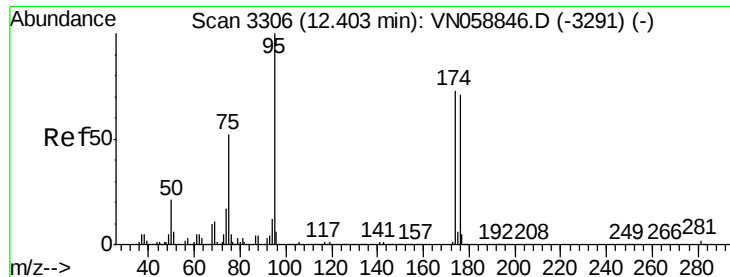
100000

50000

0

Time--> 10.90 11.00 11.10





#62

4-Bromofluorobenzene

Concen: 51.520 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Instrument :

MSVOA_N

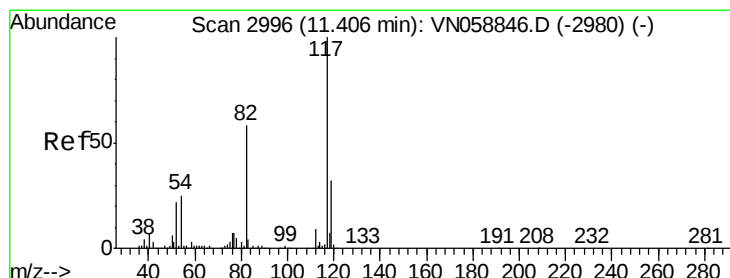
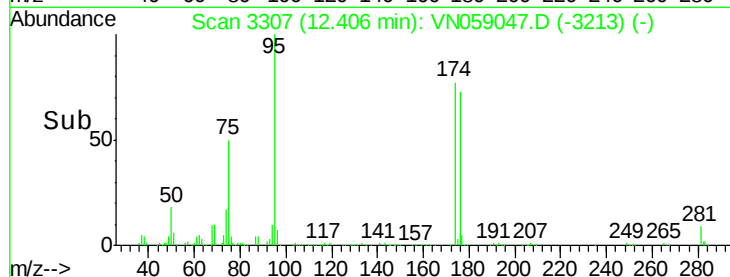
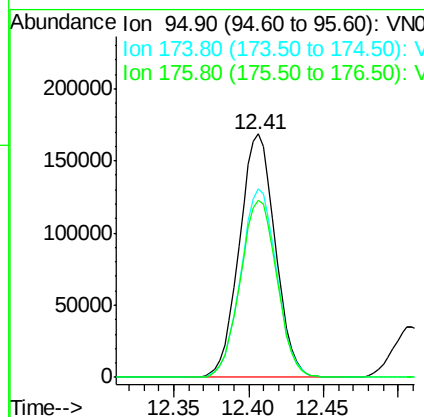
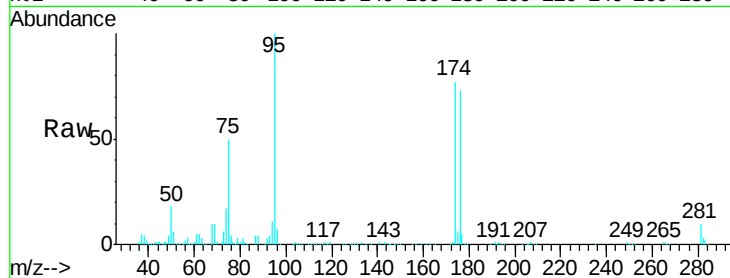
ClientSampleId :

SS003MW331-191030MSD

Tgt Ion:	95	Resp:	281135
Ion Ratio	Lower	Upper	
95	100		
174	77.9	0.0	147.6
176	74.6	0.0	143.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

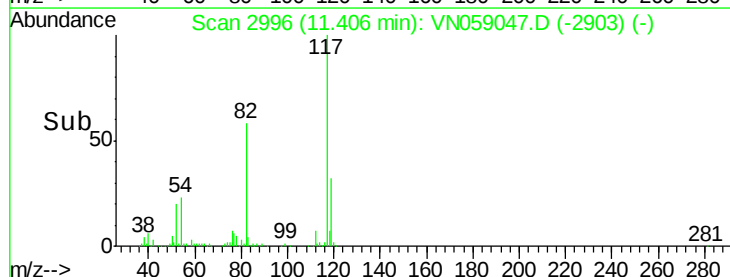
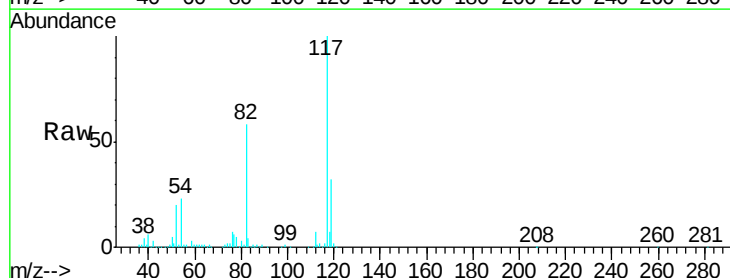
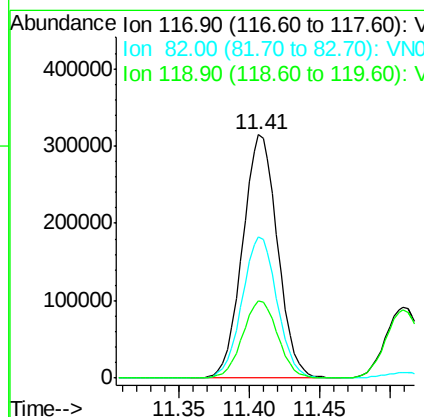
RT: 11.41 min Scan# 2996

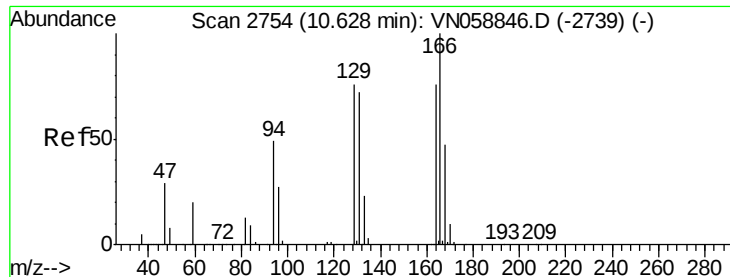
Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Tgt Ion:	117	Resp:	545894
Ion Ratio	Lower	Upper	
117	100		
82	57.7	46.6	69.8
119	31.6	25.6	38.4





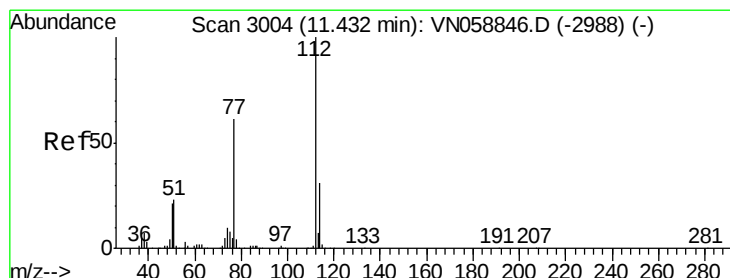
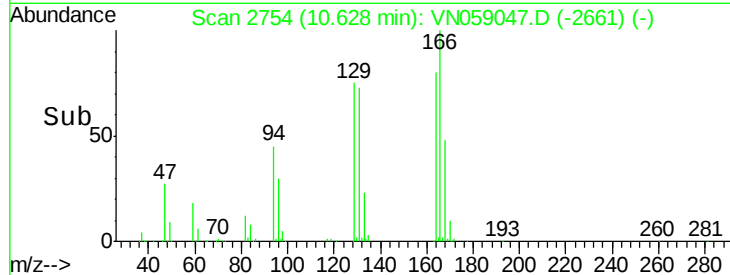
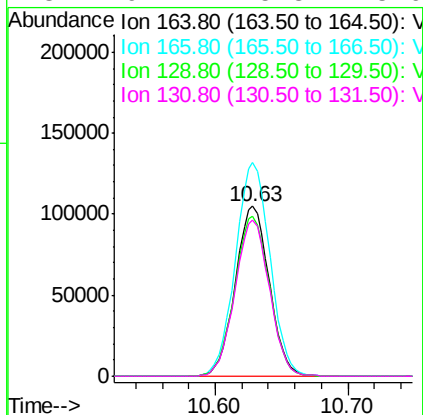
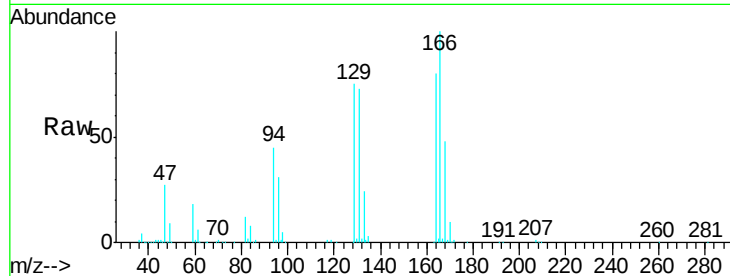
#64
Tetrachloroethene
Concen: 48.735 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Instrument :
MSVOA_N
ClientSampleId :
SS003MW331-191030MSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	186317		
166	125.8	104.8	157.2	
129	94.2	79.3	118.9	
131	92.1	75.8	113.6	

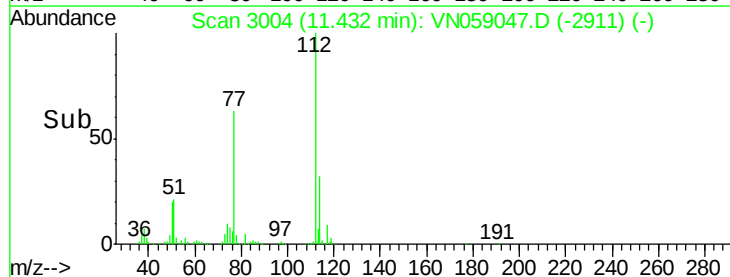
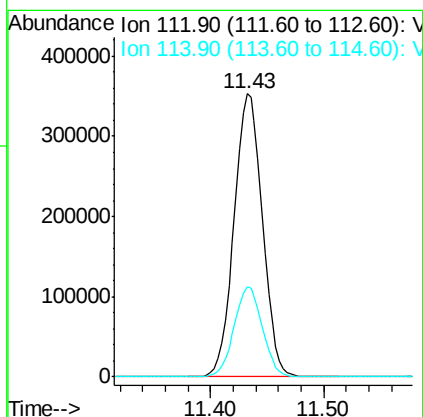
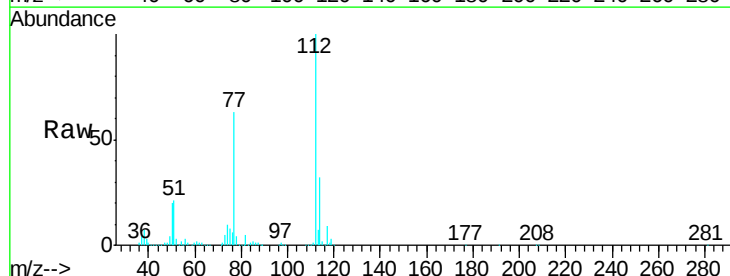
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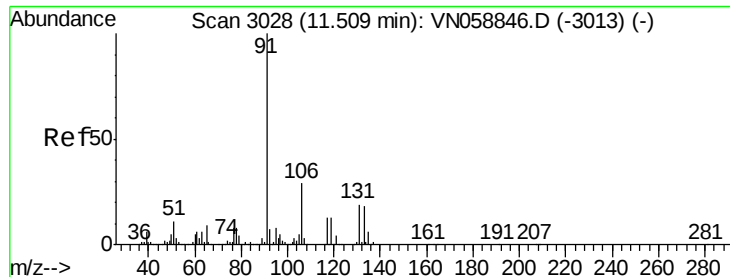
MMDadoda
11/4/2019 7:04:15 AM



#65
Chlorobenzene
Concen: 55.356 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	615204		
114	31.8	25.1	37.7	





#66

1,1,1,2-Tetrachloroethane

Concen: 55.609 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Instrument :

MSVOA_N

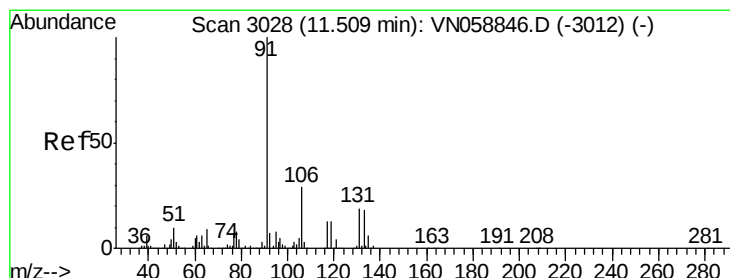
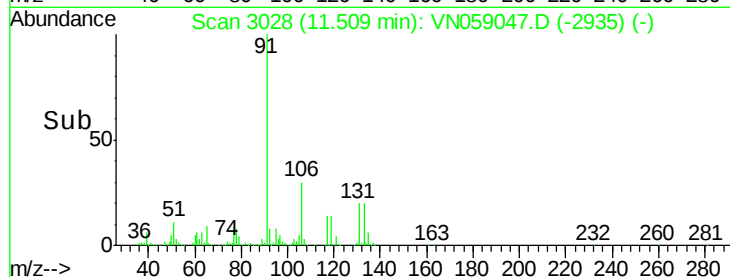
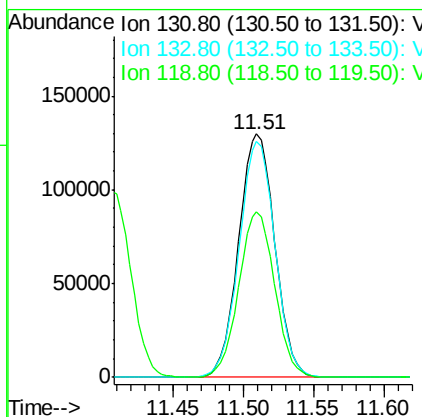
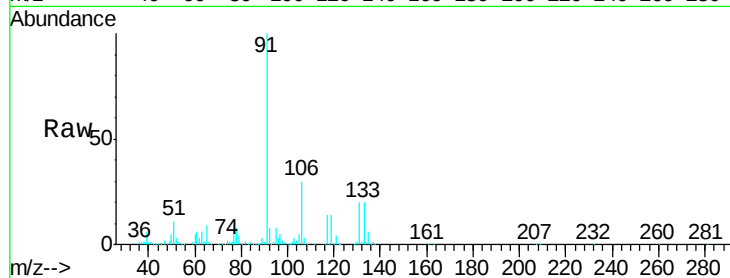
ClientSampleId :

SS003MW331-191030MSD

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	233213		
133	96.6	48.4	145.2	
119	67.4	33.6	100.8	

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#67

Ethyl Benzene

Concen: 56.740 ug/l

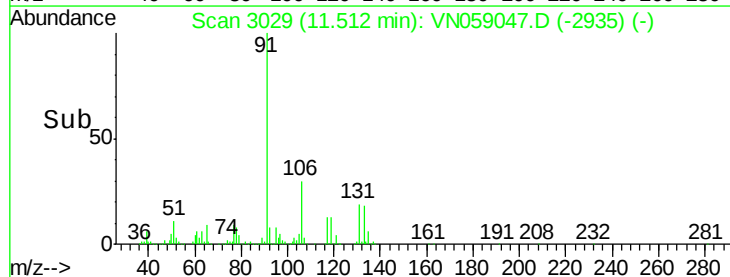
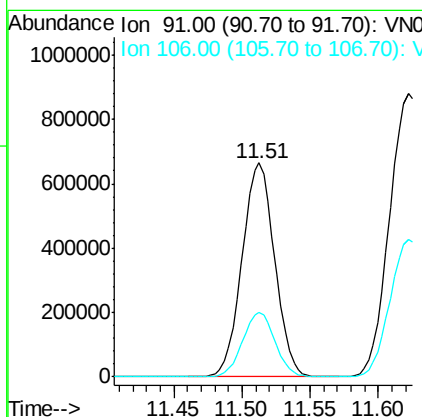
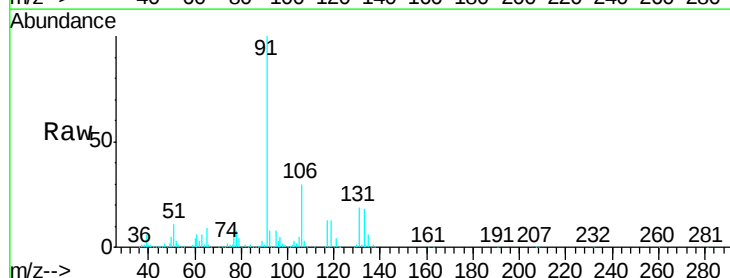
RT: 11.51 min Scan# 3029

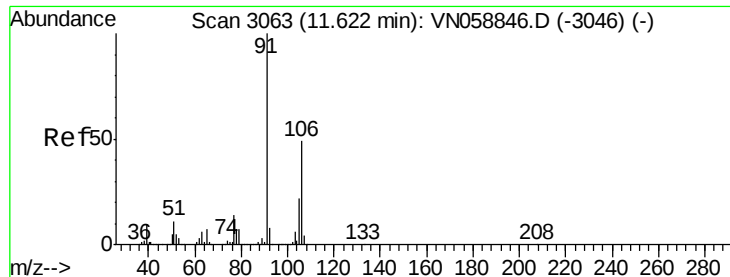
Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1106207		
106	30.4	23.4	35.0	





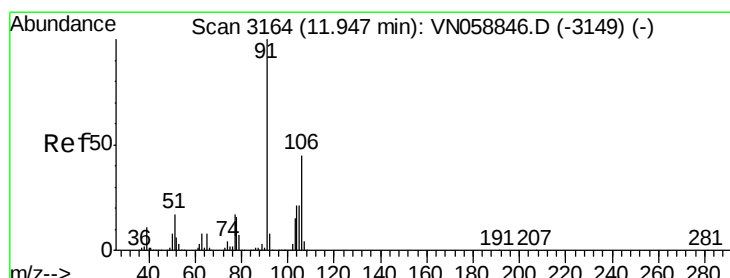
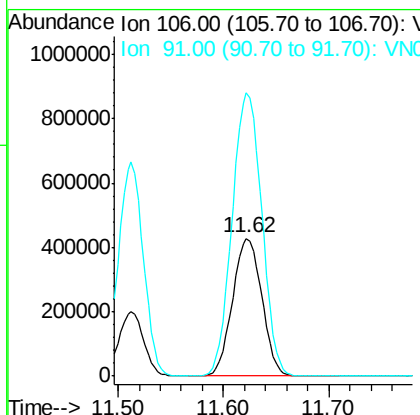
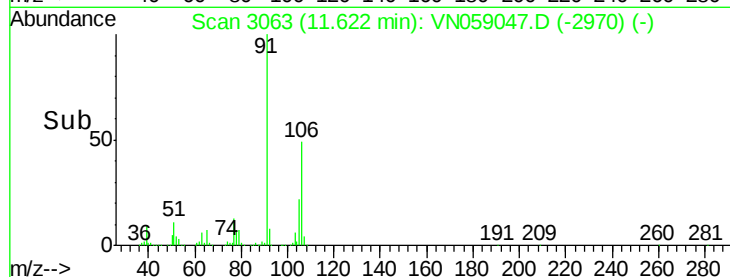
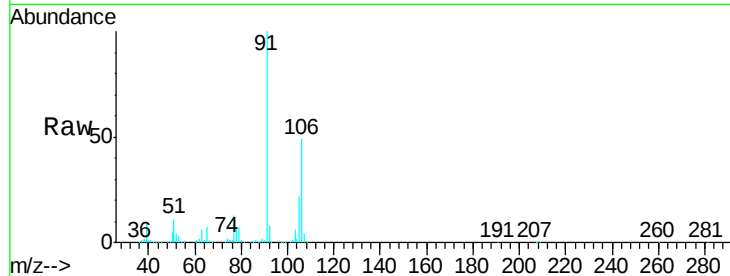
#68
m/p-Xylenes
Concen: 113.867 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Instrument :
MSVOA_N
ClientSampleId :
SS003MW331-191030MSD

Tgt Ion:106 Resp: 823260
Ion Ratio Lower Upper
106 100
91 208.4 166.6 249.8

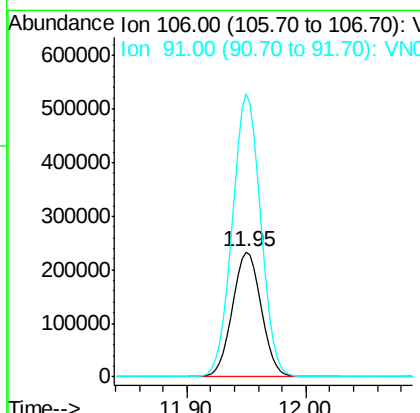
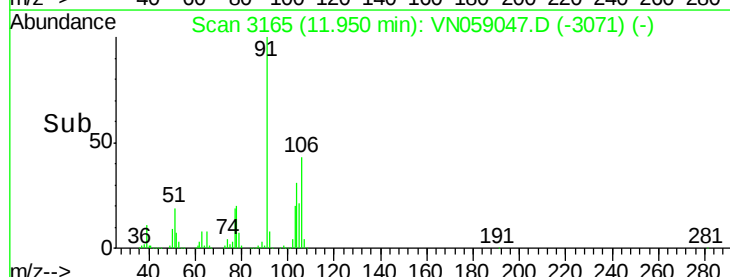
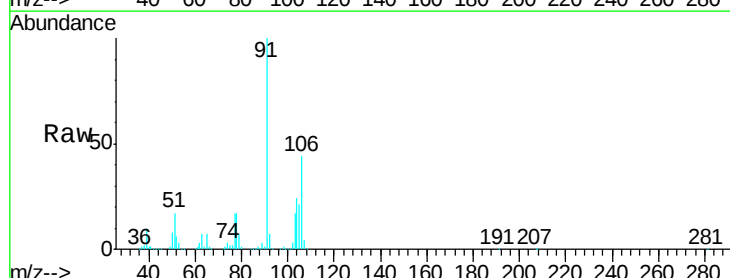
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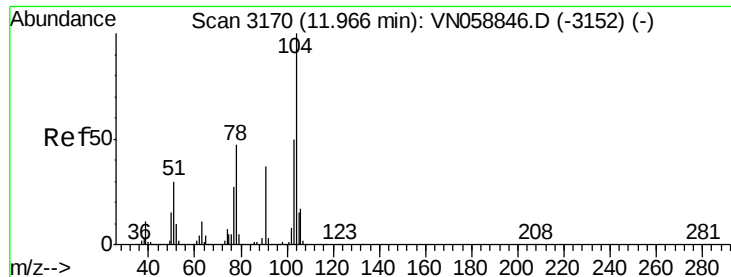
MMDadoda
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#69
o-Xylene
Concen: 56.871 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Tgt Ion:106 Resp: 392153
Ion Ratio Lower Upper
106 100
91 222.7 111.5 334.4





#70

Styrene

Concen: 52.432 ug/l

RT: 11.97 min Scan# 3170

Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Instrument :

MSVOA_N

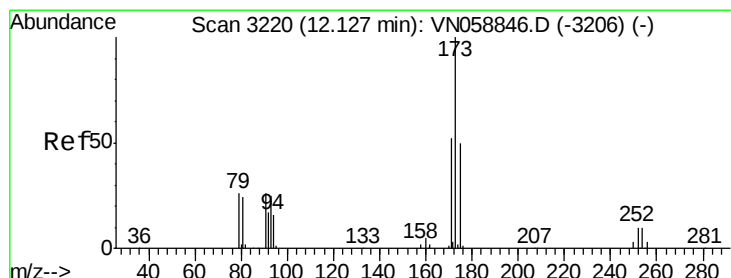
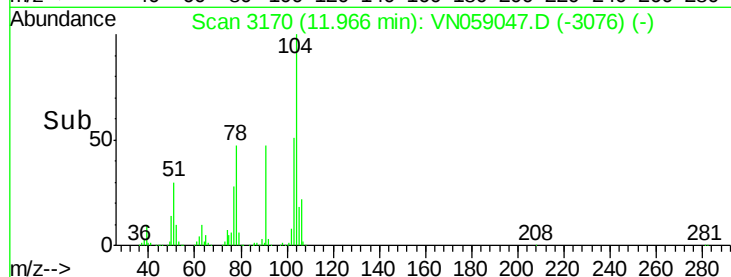
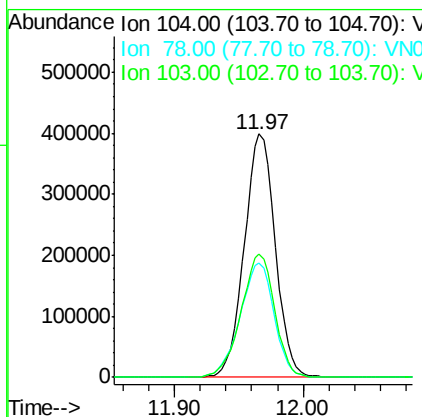
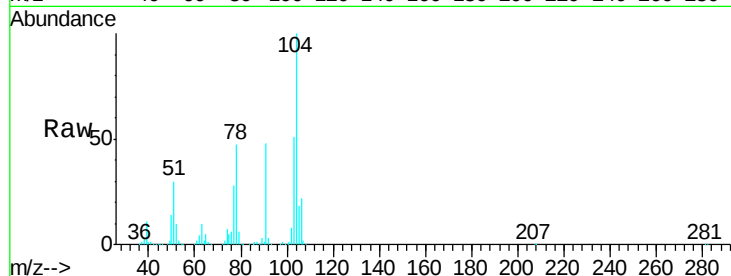
ClientSampleId :

SS003MW331-191030MSD

Tgt Ion:	104	Resp:	668465
Ion Ratio	Lower	Upper	
104	100		
78	51.7	42.8	64.2
103	54.8	44.3	66.5

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#71

Bromoform

Concen: 58.716 ug/l

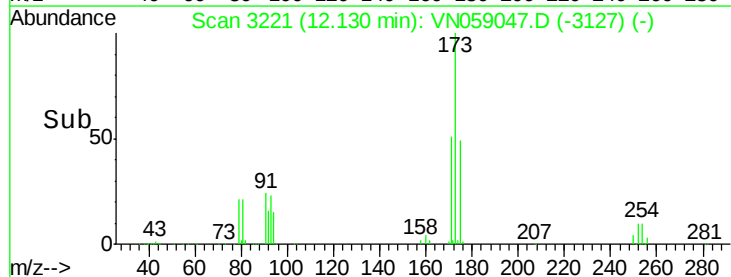
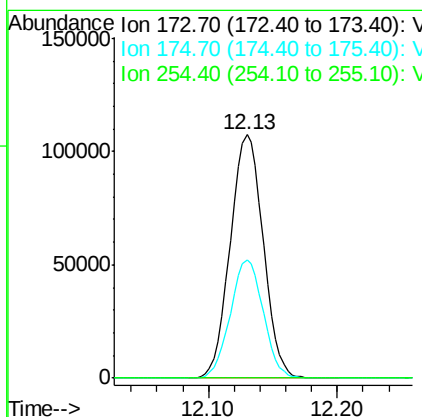
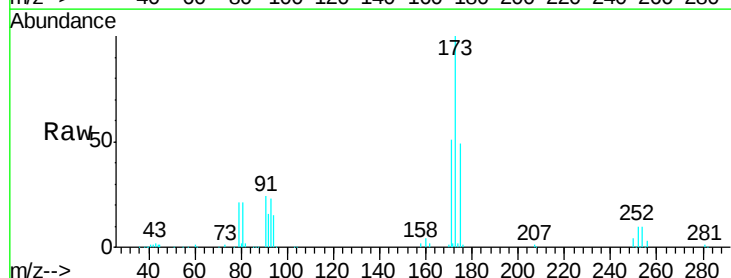
RT: 12.13 min Scan# 3221

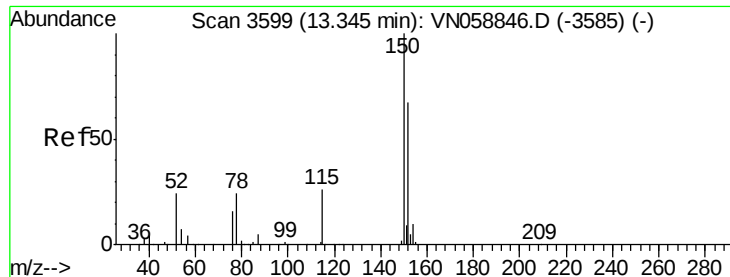
Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Tgt Ion:	173	Resp:	190949
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.7	74.1
254	0.1	0.0	0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.01 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Instrument :

MSVOA_N

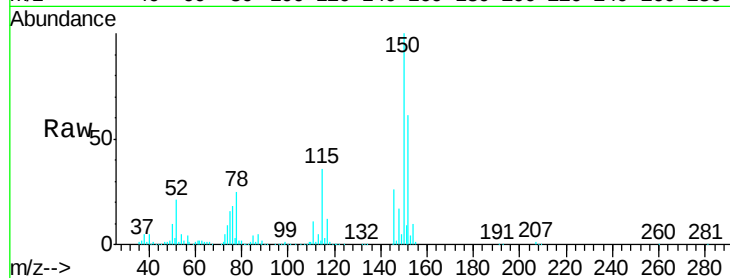
ClientSampleId :

SS003MW331-191030MSD

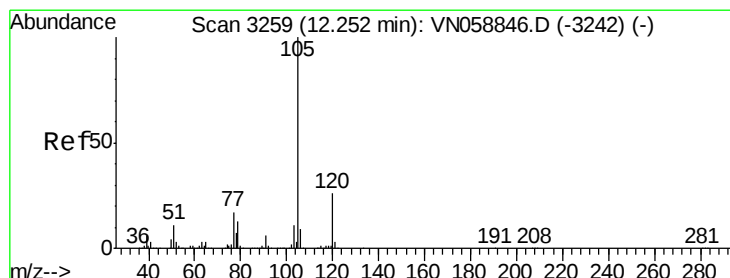
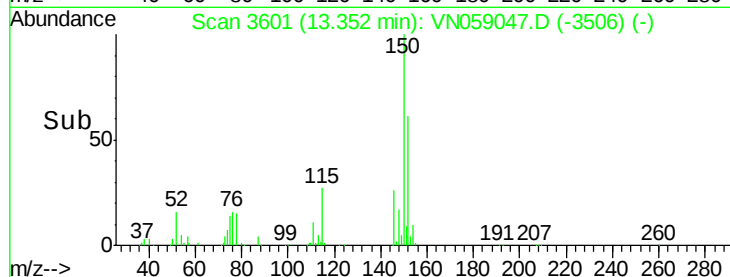
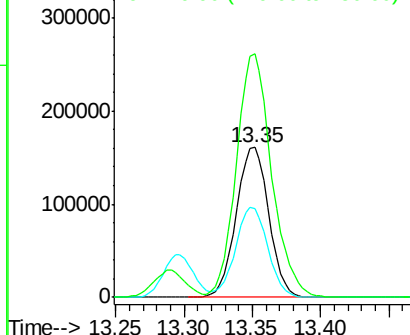
Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	30.5	91.5
150	175.5	0.0	344.4

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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: 55.063 ug/l

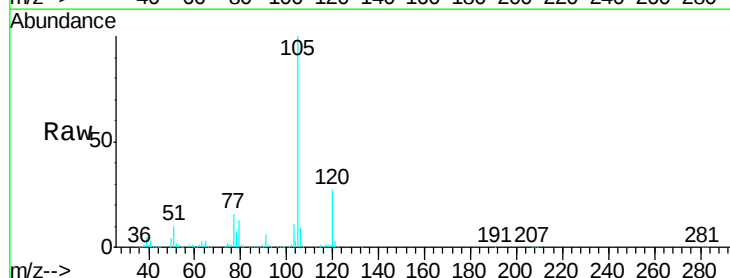
RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

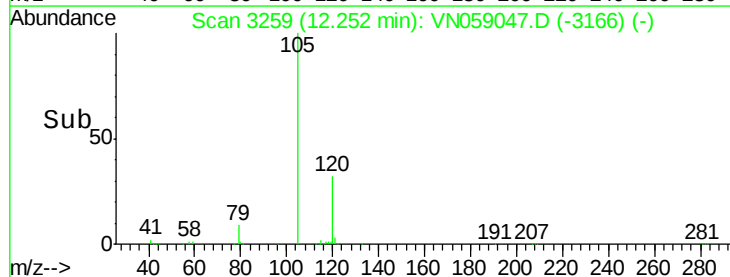
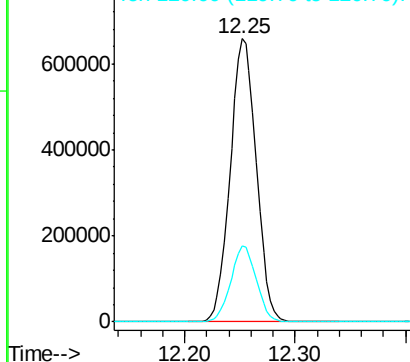
Lab File: VN059047.D

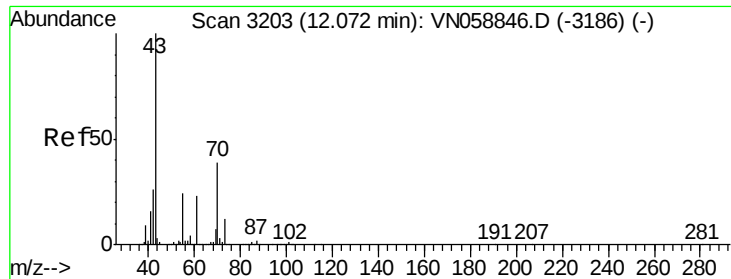
Acq: 31 Oct 2019 18:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	12.8	38.4



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





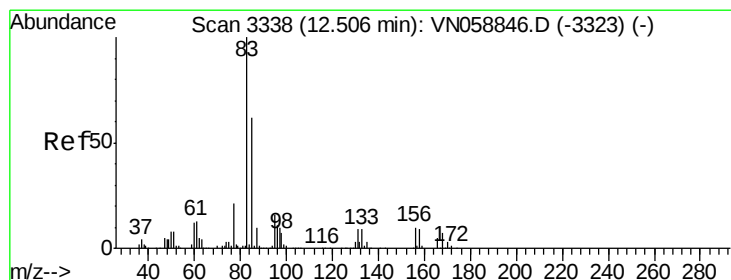
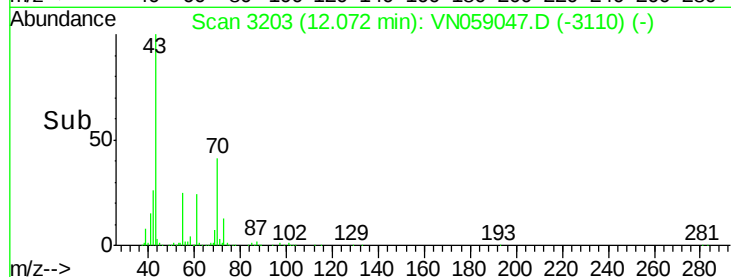
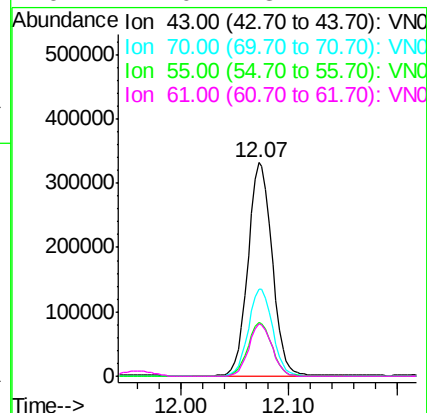
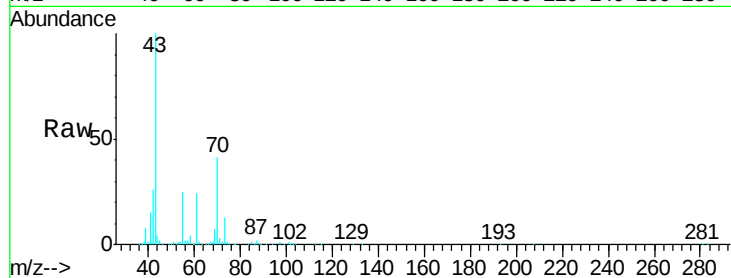
#74
N-ethyl acetate
Concen: 58.037 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Instrument :
MSVOA_N
ClientSampleId :
SS003MW331-191030MSD

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.1	30.9	46.3
55	25.3	19.7	29.5
61	24.0	18.2	27.4

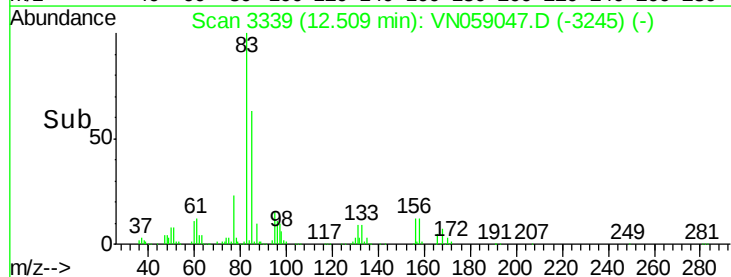
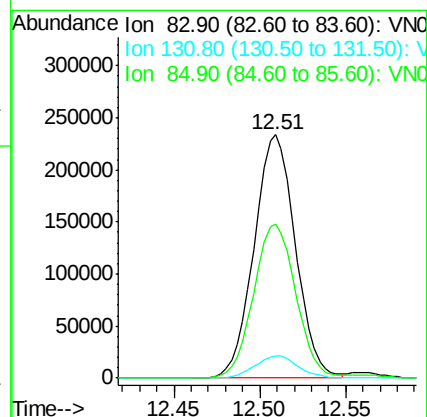
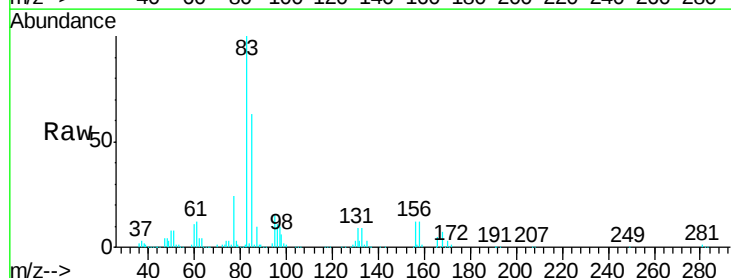
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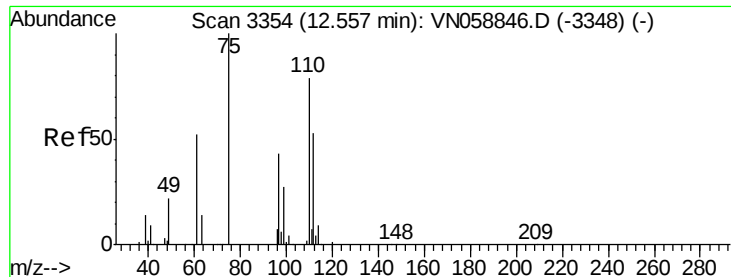
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#75
1,1,2,2-Tetrachloroethane
Concen: 56.663 ug/l
RT: 12.51 min Scan# 3339
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.7	14.1
85	64.5	31.7	95.1





#76

1,2,3-Trichloropropane

Concen: 56.400 ug/l m

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

SS003MW331-191030MSD

Tgt Ion: 75 Resp: 349915

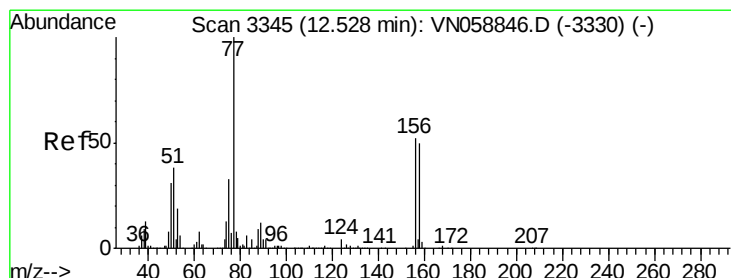
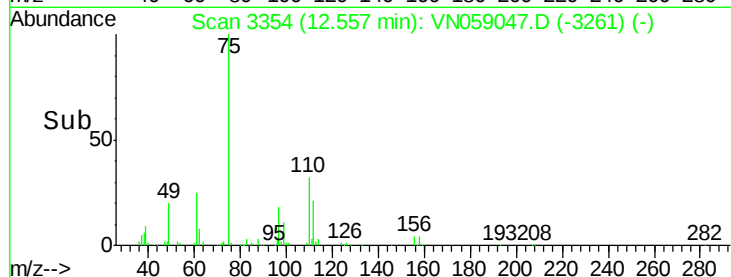
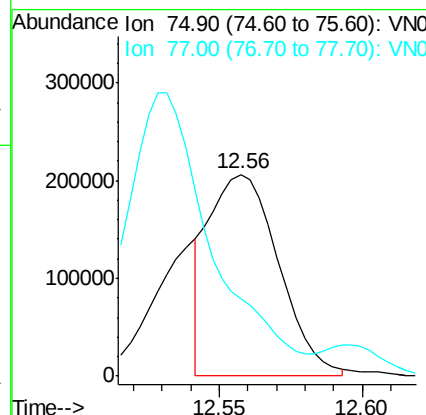
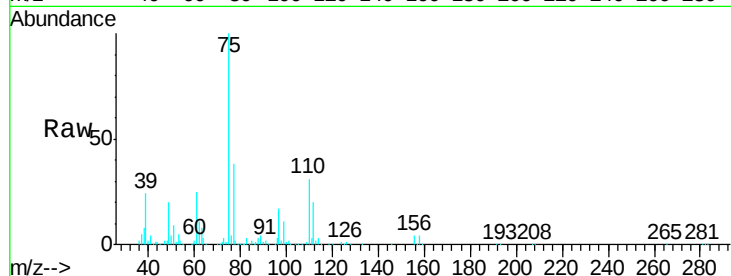
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

Manual Integrations
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#77

Bromobenzene

Concen: 54.256 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

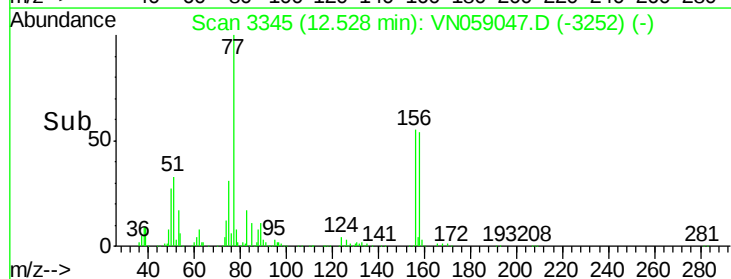
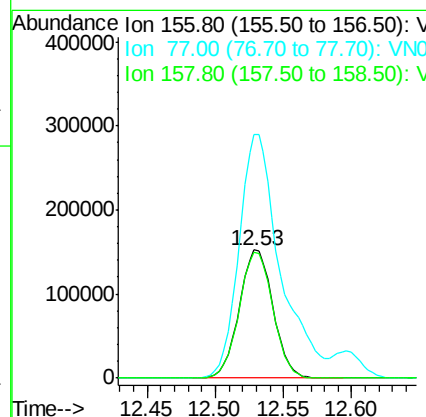
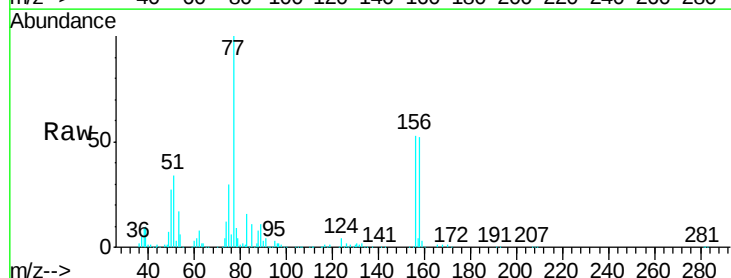
Tgt Ion: 156 Resp: 261630

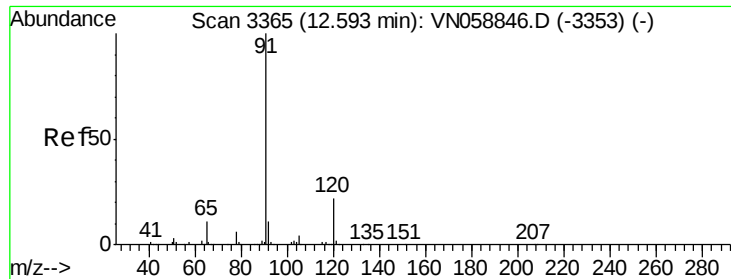
Ion Ratio Lower Upper

156 100

77 231.8 118.0 354.0

158 98.0 48.3 144.8





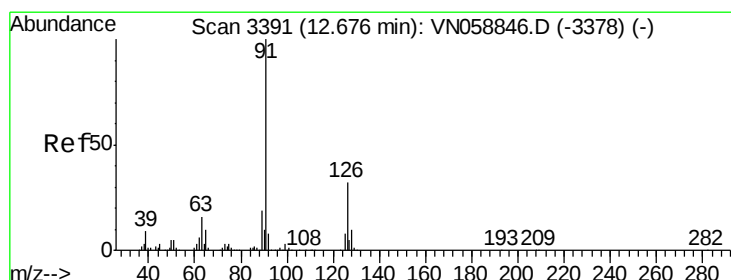
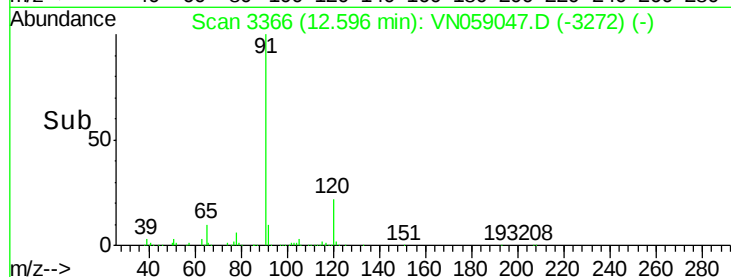
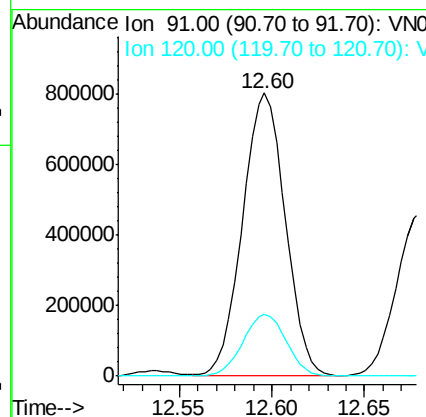
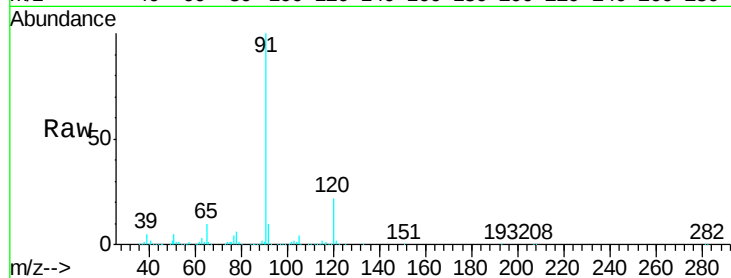
#78
n-propylbenzene
Concen: 55.529 ug/l
RT: 12.60 min Scan# 3366
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Instrument :
MSVOA_N
ClientSampleId :
SS003MW331-191030MSD

Tgt Ion: 91 Resp: 1284115
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.1

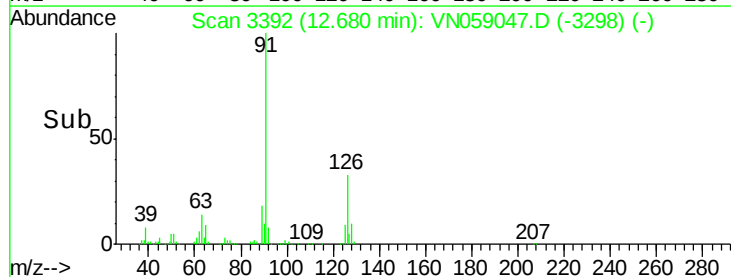
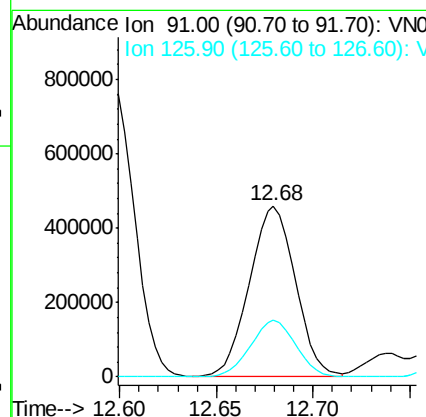
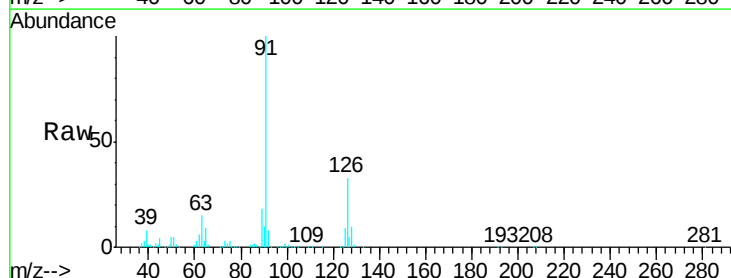
Manual Integrations
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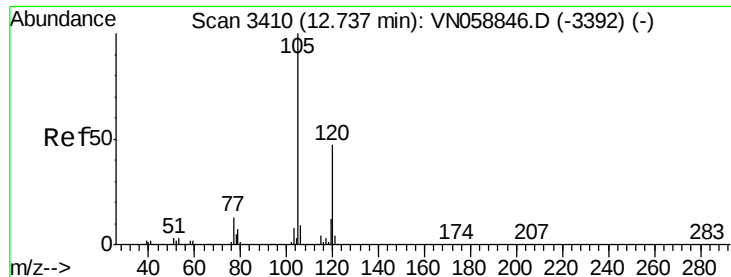
MMDadoda
11/4/2019 7:04:15 AM



#79
2-Chlorotoluene
Concen: 53.982 ug/l
RT: 12.68 min Scan# 3392
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Tgt Ion: 91 Resp: 764035
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.6





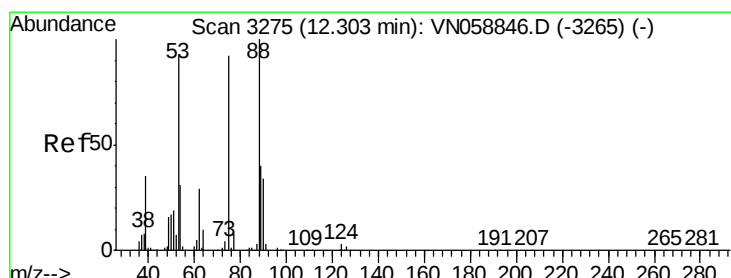
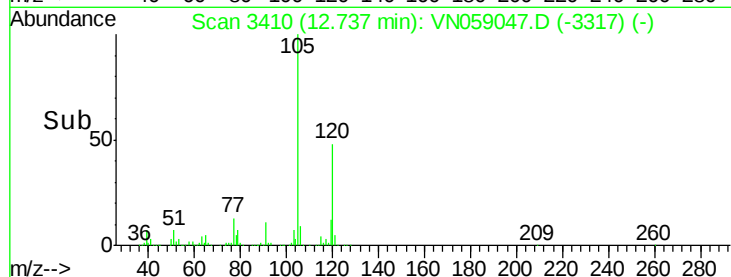
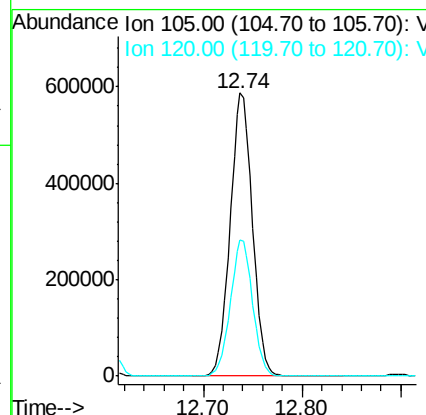
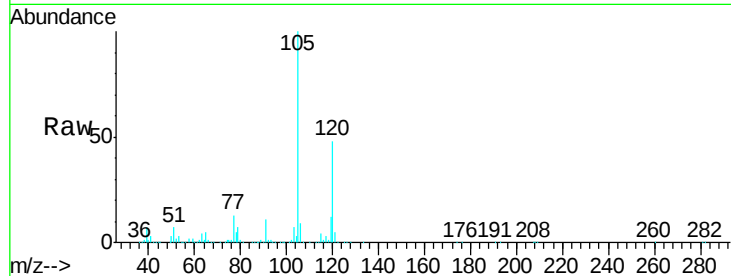
#80
 1,3,5-Trimethylbenzene
 Concen: 56.392 ug/l
 RT: 12.74 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN059047.D
 Acq: 31 Oct 2019 18:12

Instrument :
 MSVOA_N
 ClientSampleId :
 SS003MW331-191030MSD

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.0	23.8	71.5

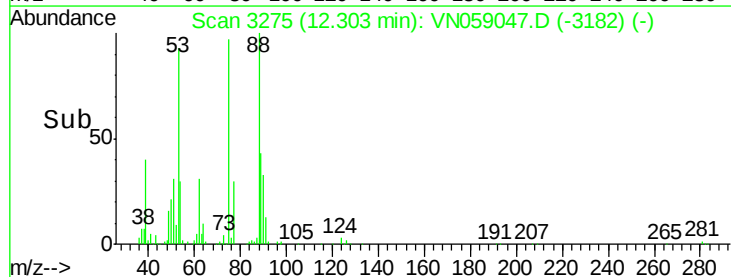
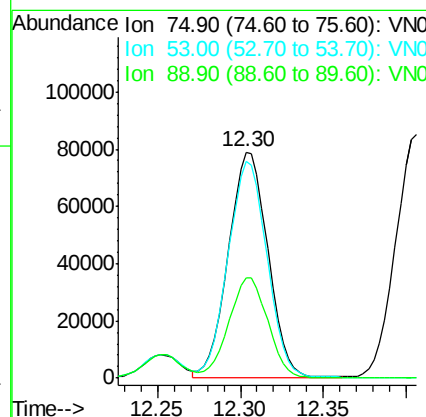
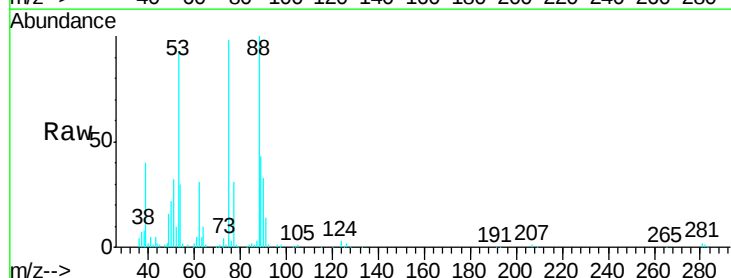
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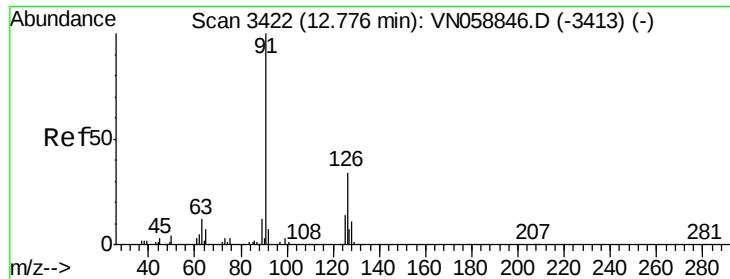
MMDadoda
 11/4/2019 7:04:15 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.240 ug/l
 RT: 12.30 min Scan# 3275
 Delta R.T. -0.00 min
 Lab File: VN059047.D
 Acq: 31 Oct 2019 18:12

Tgt Ion	Ratio	Lower	Upper
75	100		
53	94.9	78.6	118.0
89	43.1	35.4	53.0





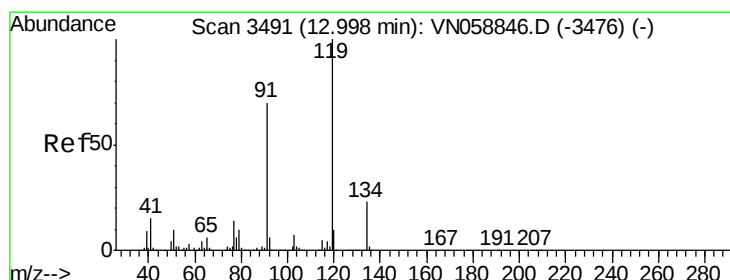
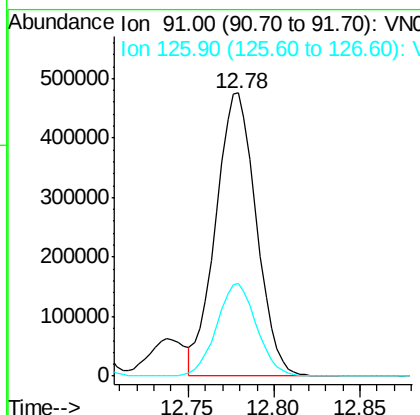
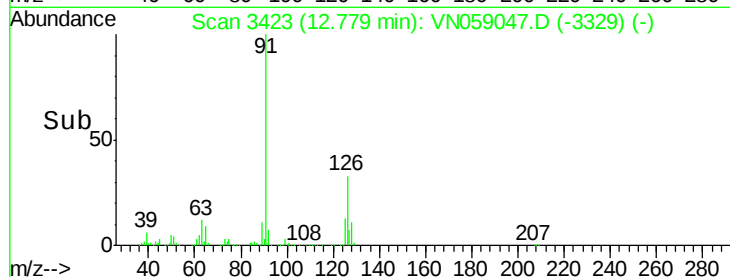
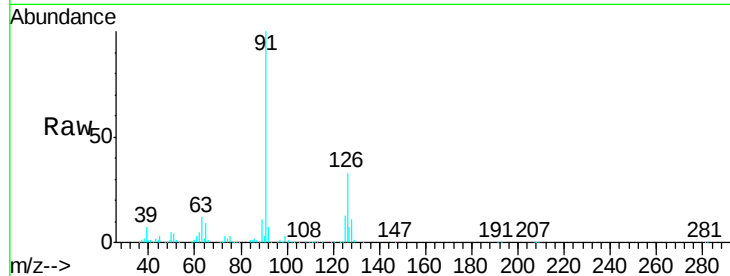
#82
4-Chlorotoluene
Concen: 54.053 ug/l
RT: 12.78 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Instrument :
MSVOA_N
ClientSampleId :
SS003MW331-191030MSD

Tgt Ion: 91 Resp: 781812
Ion Ratio Lower Upper
91 100
126 32.3 16.0 47.9

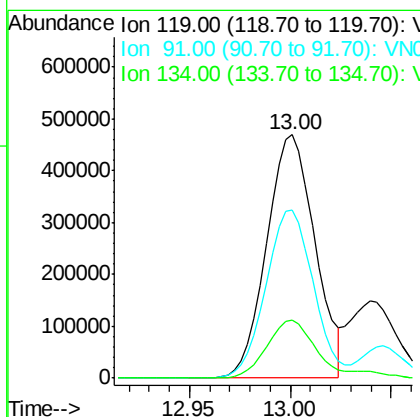
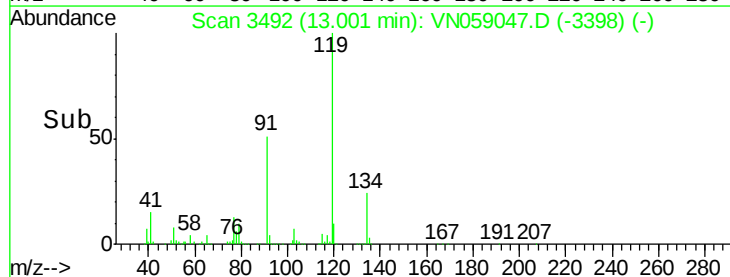
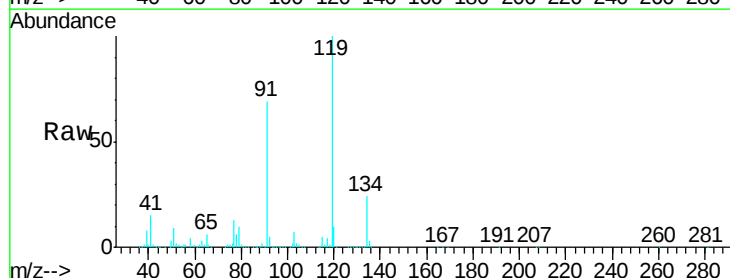
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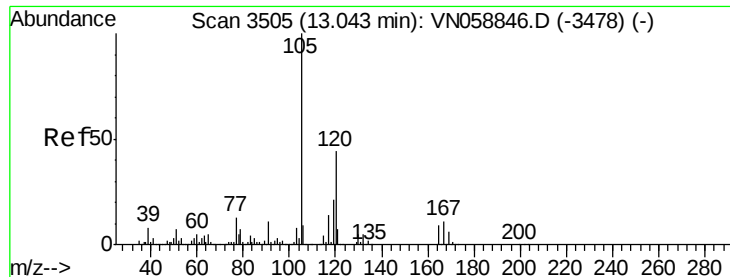
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11/4/2019 7:04:15 AM



#83
tert-Butylbenzene
Concen: 55.522 ug/l
RT: 13.00 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Tgt Ion: 119 Resp: 780407
Ion Ratio Lower Upper
119 100
91 67.6 34.1 102.3
134 23.9 11.6 34.8





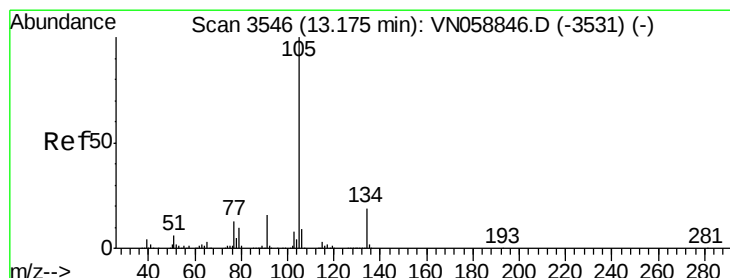
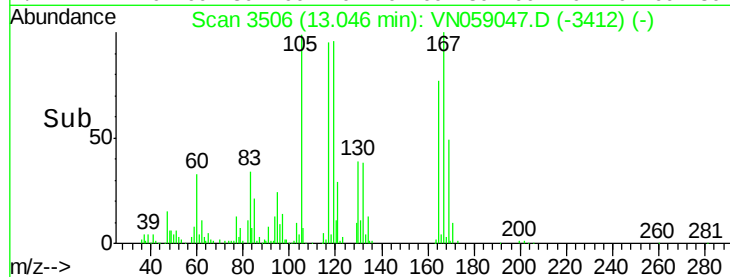
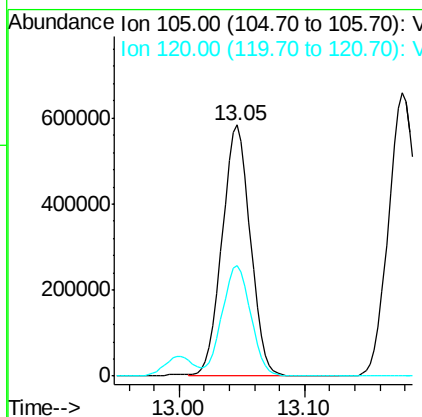
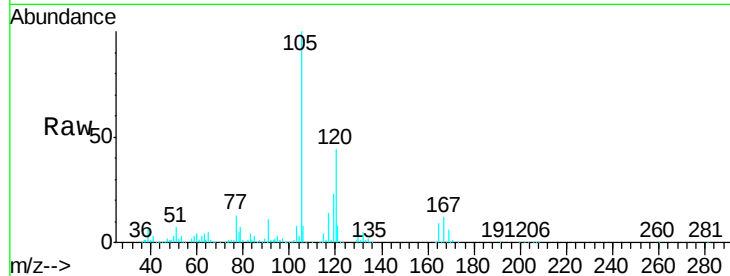
#84
1,2,4-Trimethylbenzene
Concen: 56.460 ug/l
RT: 13.05 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Instrument :
MSVOA_N
ClientSampleId :
SS003MW331-191030MSD

Tgt Ion:105 Resp: 915371
Ion Ratio Lower Upper
105 100
120 44.8 21.9 65.8

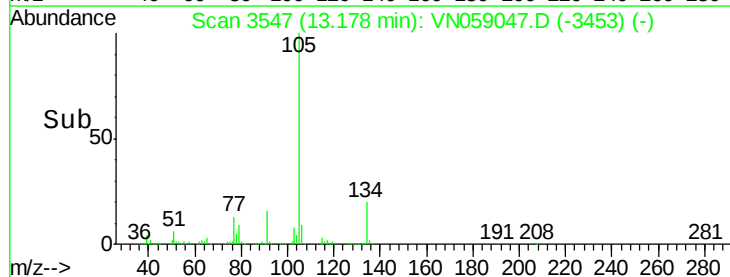
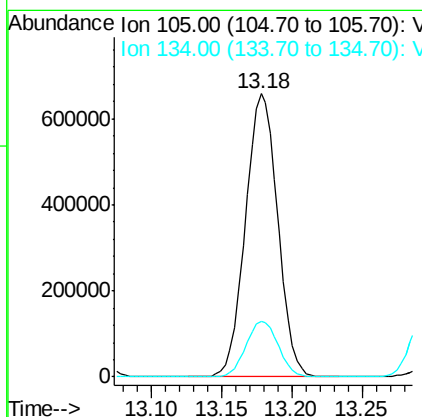
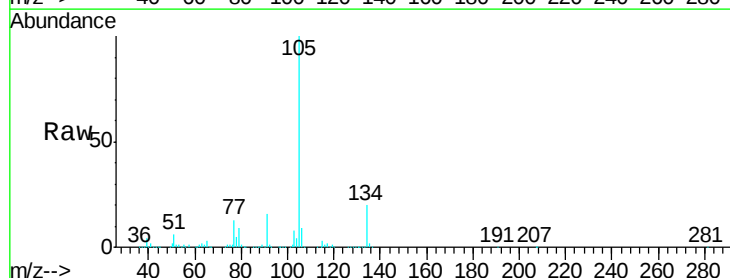
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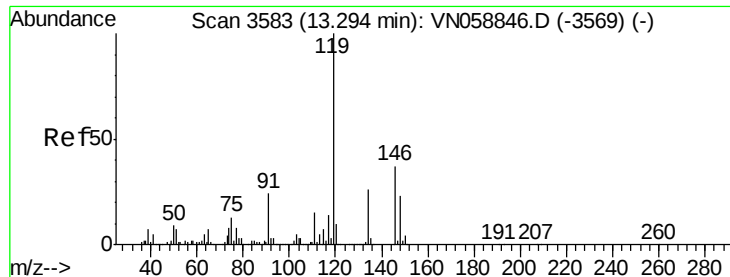
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11/4/2019 7:04:15 AM



#85
sec-Butylbenzene
Concen: 56.193 ug/l
RT: 13.18 min Scan# 3547
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Tgt Ion:105 Resp: 1053063
Ion Ratio Lower Upper
105 100
134 19.7 9.4 28.2





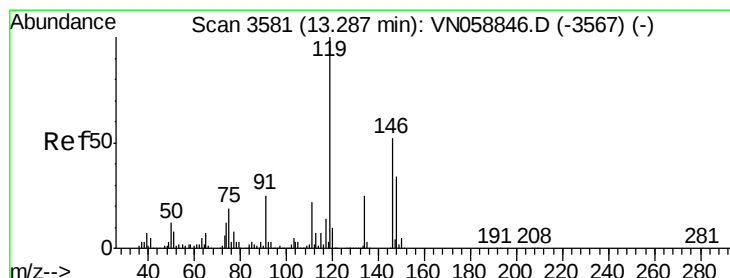
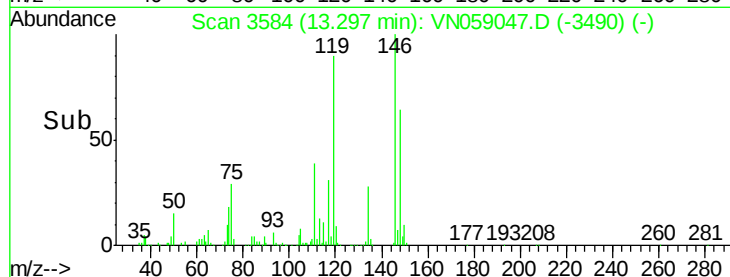
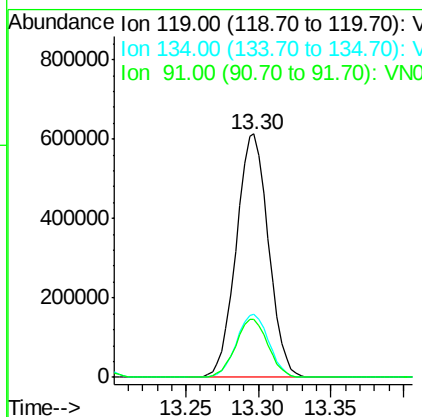
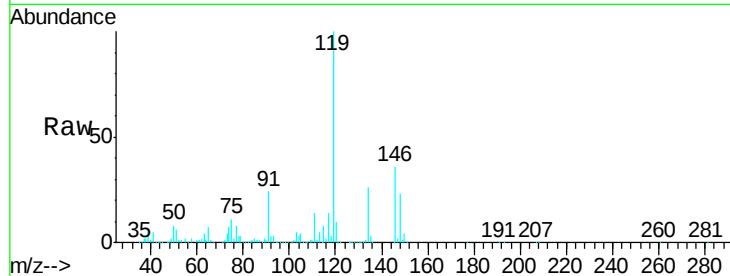
#86
p-Isopropyltoluene
Concen: 56.982 ug/l
RT: 13.30 min Scan# 3584
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Instrument :
MSVOA_N
ClientSampleId :
SS003MW331-191030MSD

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	942210		
134	26.2	12.8	38.4	
91	24.1	12.2	36.4	

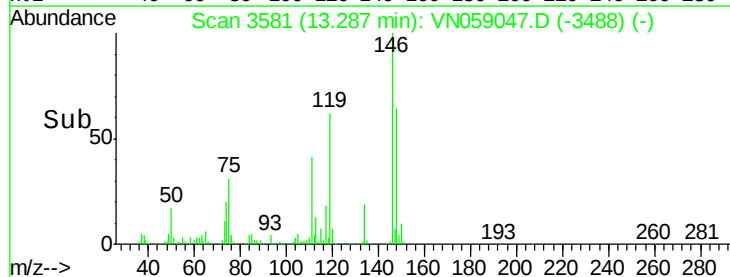
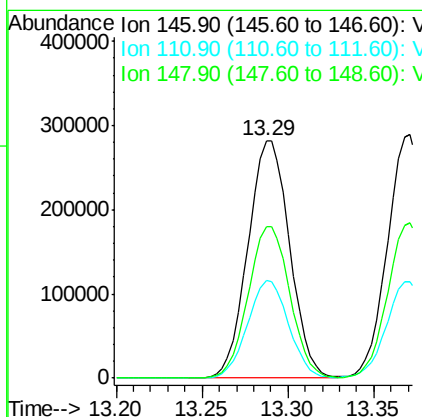
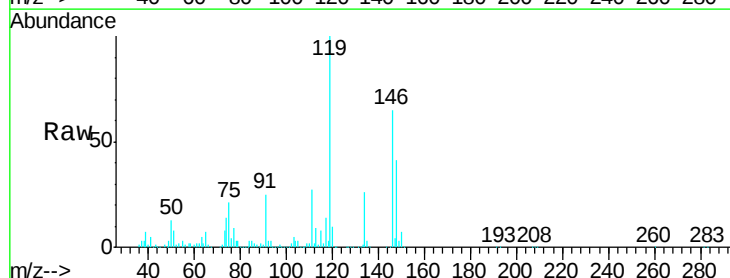
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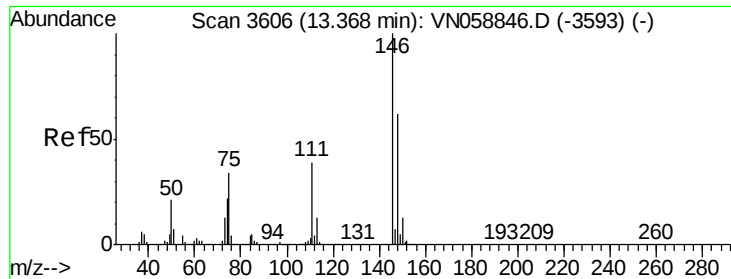
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11/4/2019 7:04:15 AM



#87
1,3-Dichlorobenzene
Concen: 54.937 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	473680		
111	40.5	21.0	63.0	
148	63.8	32.1	96.3	





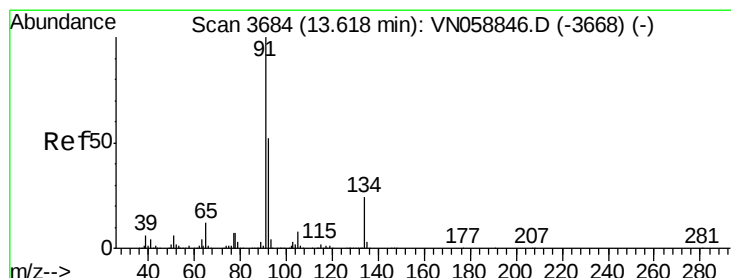
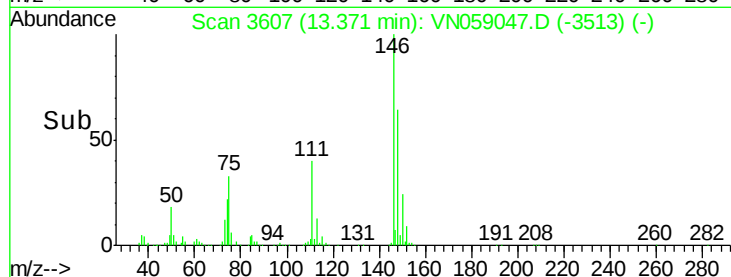
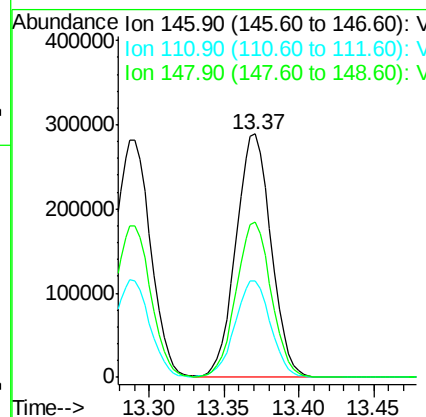
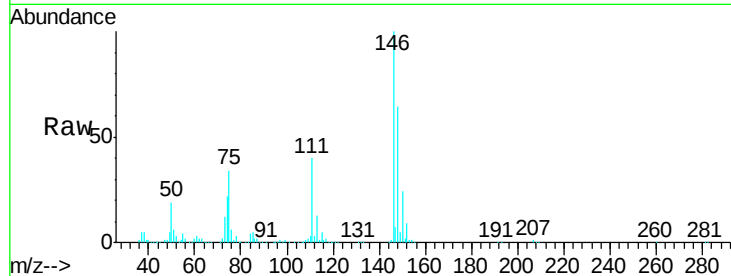
#88
 1,4-Dichlorobenzene
 Concen: 54.844 ug/l
 RT: 13.37 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN059047.D
 Acq: 31 Oct 2019 18:12

Instrument :
 MSVOA_N
 ClientSampleId :
 SS003MW331-191030MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.2	60.6
148	63.5	31.6	94.7

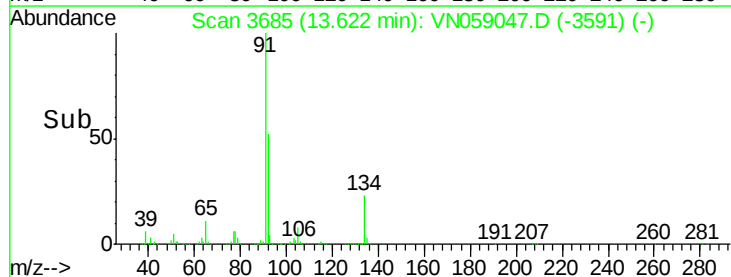
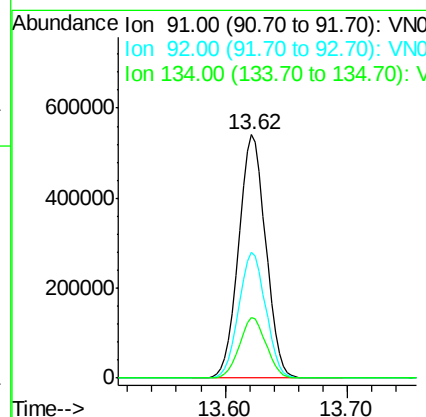
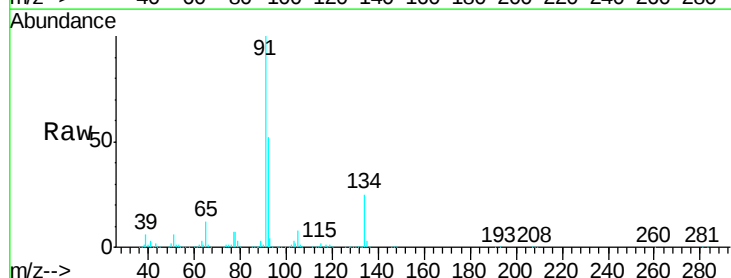
Manual Integrations
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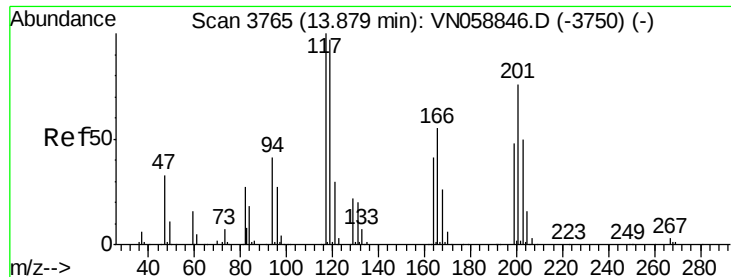
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 11/4/2019 7:04:15 AM



#89
 n-Butylbenzene
 Concen: 54.804 ug/l
 RT: 13.62 min Scan# 3685
 Delta R.T. 0.00 min
 Lab File: VN059047.D
 Acq: 31 Oct 2019 18:12

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.7	25.7	77.1
134	24.5	11.9	35.5





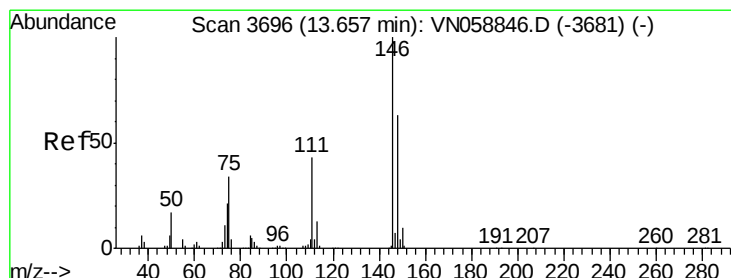
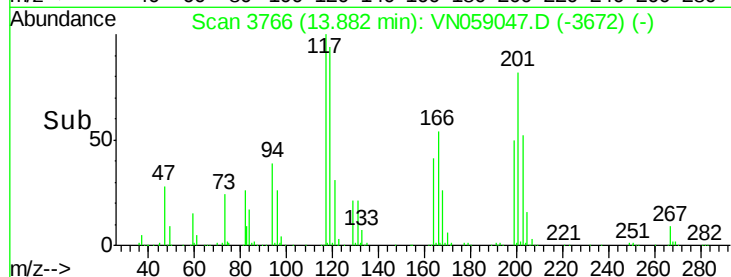
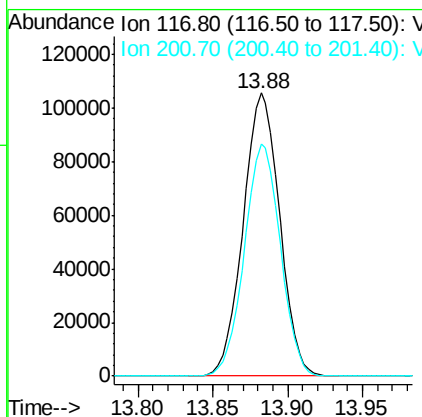
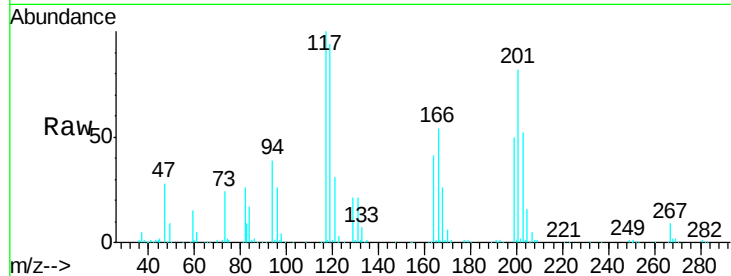
#90
Hexachloroethane
Concen: 53.556 ug/l
RT: 13.88 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Instrument :
MSVOA_N
ClientSampleId :
SS003MW331-191030MSD

Tgt Ion:117 Resp: 179446
Ion Ratio Lower Upper
117 100
201 80.9 38.9 116.6

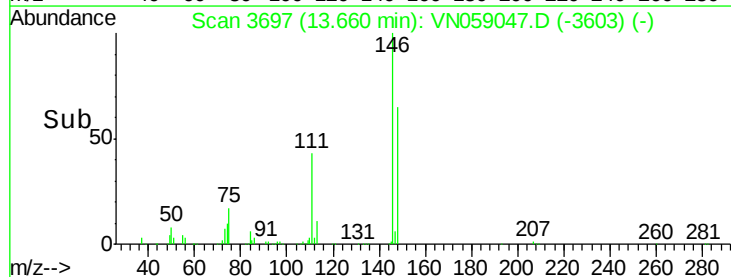
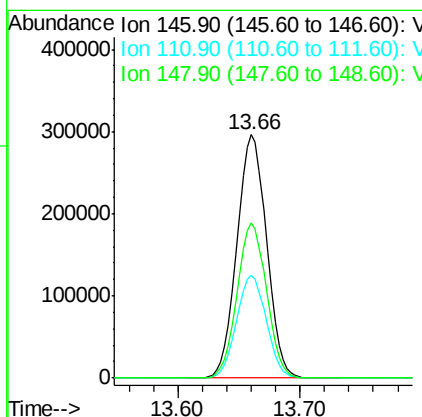
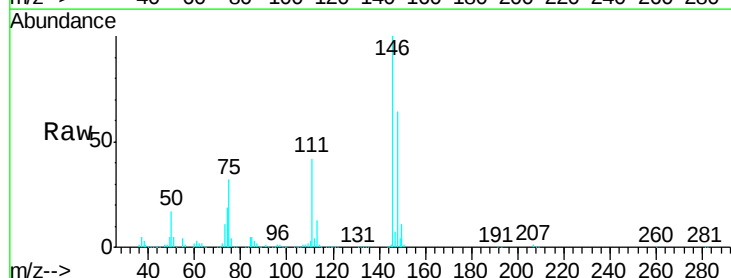
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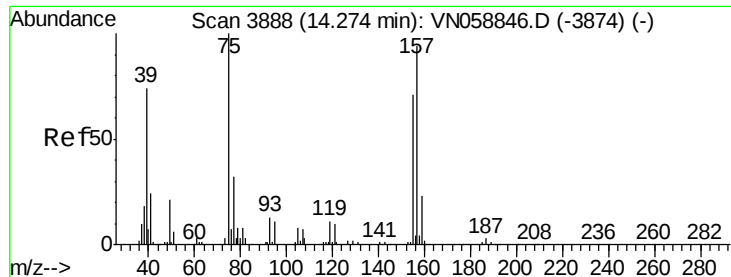
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11/4/2019 7:04:15 AM



#91
1,2-Dichlorobenzene
Concen: 58.643 ug/l
RT: 13.66 min Scan# 3697
Delta R.T. 0.00 min
Lab File: VN059047.D
Acq: 31 Oct 2019 18:12

Tgt Ion:146 Resp: 496981
Ion Ratio Lower Upper
146 100
111 42.4 21.6 64.8
148 63.2 31.9 95.9





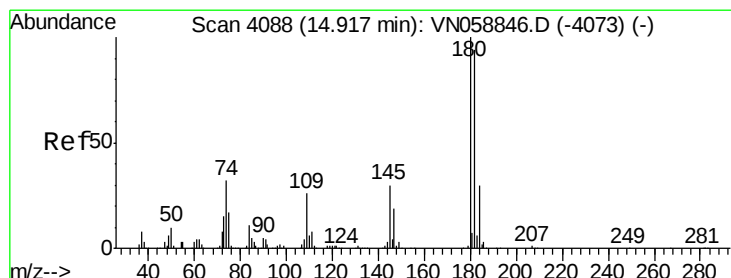
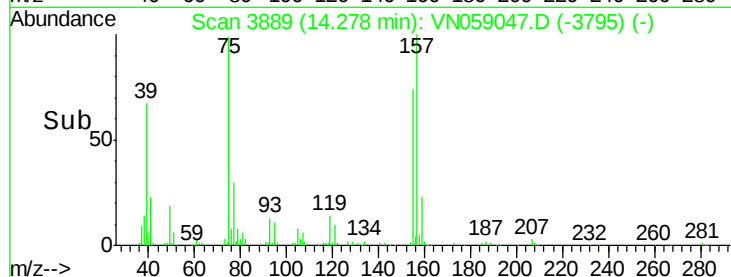
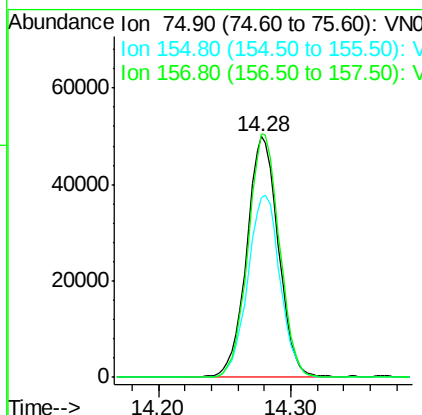
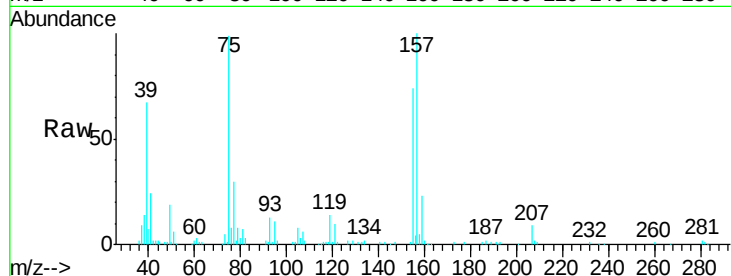
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.161 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN059047.D
 Acq: 31 Oct 2019 18:12

Instrument :
 MSVOA_N
 ClientSampleId :
 SS003MW331-191030MSD

Tgt Ion: 75 Resp: 82713
 Ion Ratio Lower Upper
 75 100
 155 77.2 35.6 106.8
 157 100.0 47.4 142.2

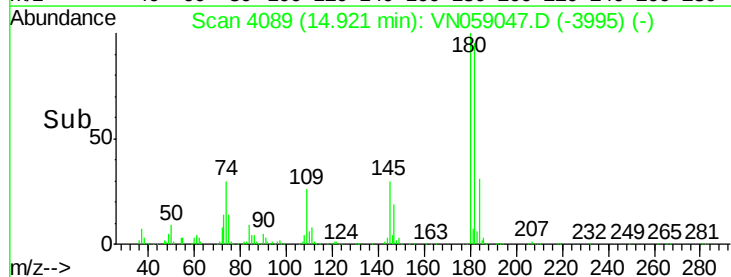
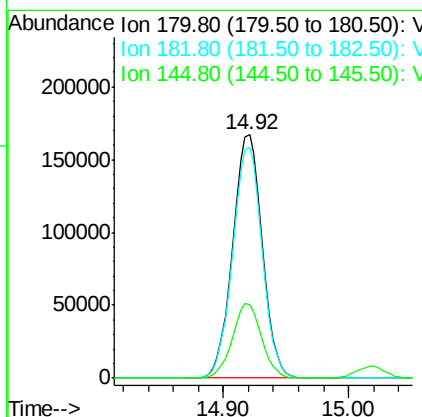
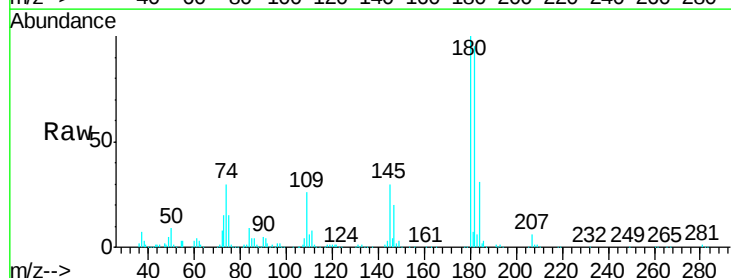
Manual Integrations
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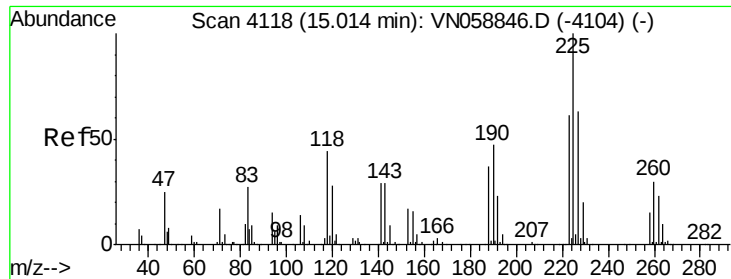
MMDadoda
 11/4/2019 7:04:15 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 51.101 ug/l
 RT: 14.92 min Scan# 4089
 Delta R.T. 0.00 min
 Lab File: VN059047.D
 Acq: 31 Oct 2019 18:12

Tgt Ion: 180 Resp: 272931
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.3 142.0
 145 30.3 15.3 45.8





#94

Hexachlorobutadiene

Concen: 53.679 ug/l

RT: 15.02 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Instrument :

MSVOA_N

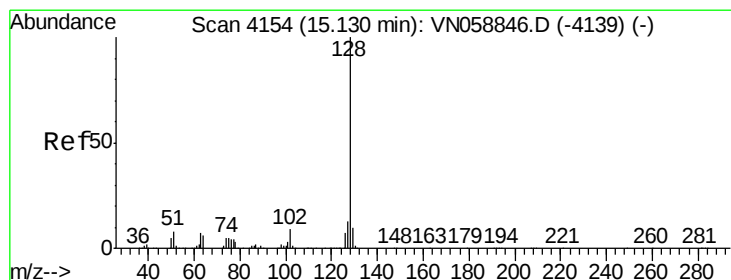
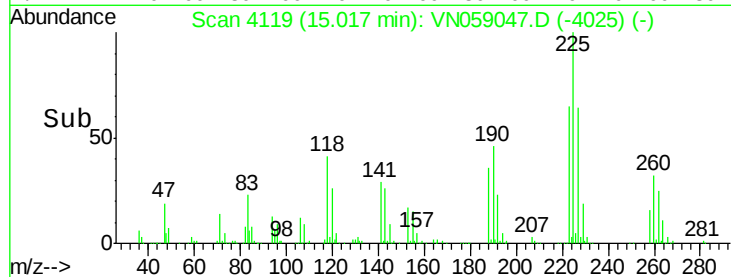
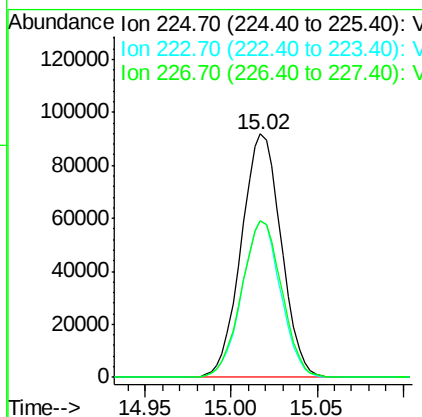
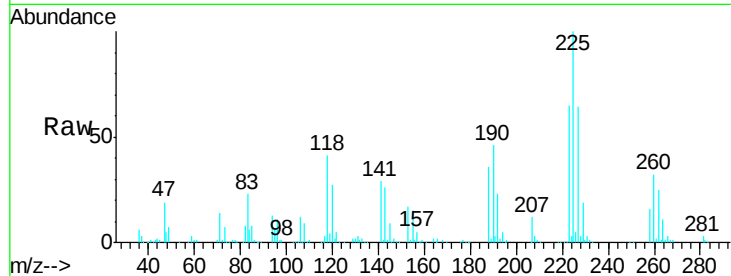
ClientSampleId :

SS003MW331-191030MSD

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	147445		
223	62.8	30.9	92.5	
227	64.7	31.6	94.7	

Manual Integrations
APPROVED

MMDadoda
11/4/2019 7:04:15 AM



#95

Naphthalene

Concen: 51.781 ug/l

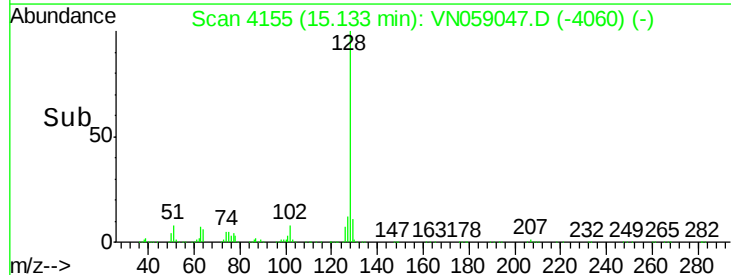
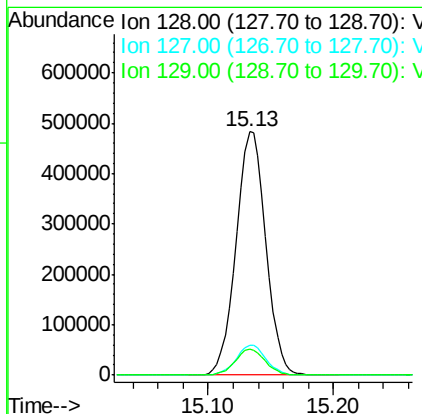
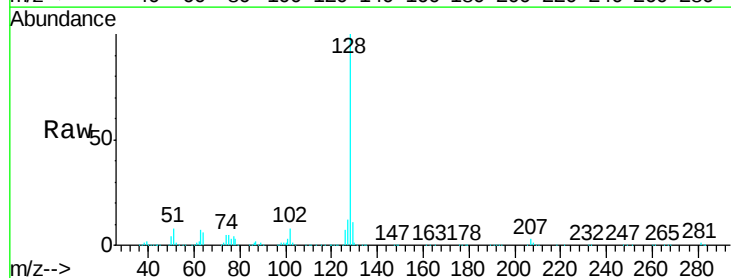
RT: 15.13 min Scan# 4155

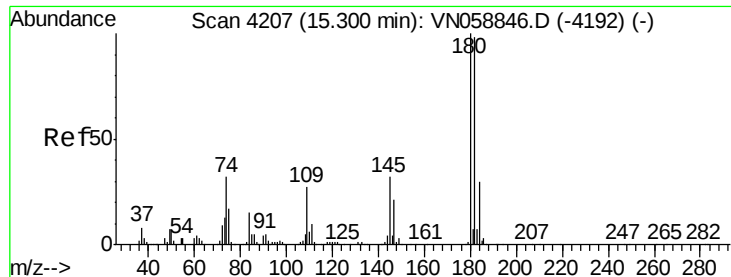
Delta R.T. 0.00 min

Lab File: VN059047.D

Acq: 31 Oct 2019 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	795252		
127	12.4	10.2	15.2	
129	10.7	8.4	12.6	





#96
 1,2,3-Trichlorobenzene
 Concen: 53.428 ug/l
 RT: 15.30 min Scan# 4208
 Delta R.T. 0.00 min
 Lab File: VN059047.D
 Acq: 31 Oct 2019 18:12

Instrument :
 MSVOA_N
 ClientSampleId :
 SS003MW331-191030MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.6	47.9	143.7
145	32.2	15.9	47.7

Manual Integrations
 APPROVED

MMDadoda
 11/4/2019 7:04:15 AM

