

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110119\
 Data File : VN059071.D
 Acq On : 1 Nov 2019 18:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/5/2019 1:59:42 PM

Quant Time: Nov 04 12:09:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:43:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	473435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	739576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	679128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	327576	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	294564	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
35) Dibromofluoromethane	7.57	113	227106	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
50) Toluene-d8	10.08	98	901693	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
62) 4-Bromofluorobenzene	12.40	95	328107	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	249197	48.683	ug/l	98
3) Chloromethane	2.04	50	323412	46.596	ug/l	100
4) Vinyl Chloride	2.17	62	321363	47.699	ug/l	99
5) Bromomethane	2.54	94	180297	45.265	ug/l	100
6) Chloroethane	2.68	64	188050	45.576	ug/l	98
7) Trichlorofluoromethane	2.99	101	389093	48.602	ug/l	100
8) Diethyl Ether	3.39	74	150357	48.093	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	228100	48.339	ug/l	100
10) Methyl Iodide	3.92	142	286196	49.900	ug/l	98
11) Tert butyl alcohol	4.76	59	290538	250.367	ug/l	99
12) 1,1-Dichloroethene	3.71	96	219789	46.835	ug/l	95
13) Acrolein	3.58	56	182643	249.431	ug/l	96
14) Allyl chloride	4.29	41	454105	48.833	ug/l	99
15) Acrylonitrile	4.95	53	732685	251.694	ug/l	100
16) Acetone	3.79	43	699915	220.495	ug/l	99
17) Carbon Disulfide	4.03	76	680260	45.595	ug/l	99
18) Methyl Acetate	4.29	43	369616	45.963	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	787612	49.276	ug/l	99
20) Methylene Chloride	4.52	84	260512	46.880	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	245223	48.674	ug/l	99
22) Diisopropyl ether	5.92	45	894828	50.520	ug/l	97
23) Vinyl Acetate	5.86	43	3754544	266.138	ug/l	99
24) 1,1-Dichloroethane	5.82	63	488795	48.268	ug/l	99
25) 2-Butanone	6.81	43	1049228	248.237	ug/l	100
26) 2,2-Dichloropropane	6.80	77	401703	45.702	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	277019	48.833	ug/l	100
28) Bromochloromethane	7.17	49	146838	46.983	ug/l	98
29) Tetrahydrofuran	7.18	42	680981	255.288	ug/l	100
30) Chloroform	7.35	83	464221	47.939	ug/l	100
31) Cyclohexane	7.63	56	457152	47.329	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	399924	48.814	ug/l	99
36) 1,1-Dichloropropene	7.77	75	361012	49.114	ug/l	99
37) Ethyl Acetate	6.90	43	410496	50.262	ug/l	100
38) Carbon Tetrachloride	7.75	117	353088	49.289	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	430720	50.696	ug/l	100
40) Benzene	8.02	78	1076254	49.337	ug/l	100
41) Methacrylonitrile	7.16	41	191987m	54.363	ug/l	
42) 1,2-Dichloroethane	8.10	62	372672	49.192	ug/l	99
43) Isopropyl Acetate	8.14	43	646743	50.638	ug/l	100
44) Trichloroethene	8.82	130	259738	48.394	ug/l	100
45) 1,2-Dichloropropane	9.10	63	292948	49.656	ug/l	99
46) Dibromomethane	9.19	93	179579	49.251	ug/l	99
47) Bromodichloromethane	9.39	83	366320	49.608	ug/l	99
48) Methyl methacrylate	9.18	41	294081	50.499	ug/l	100
49) 1,4-Dioxane	9.19	88	105417	1109.718	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	2027939	273.328	ug/l	99
52) Toluene	10.15	92	655861	51.312	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	420983	49.303	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	457300	50.775	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	254629	48.904	ug/l	99
56) Ethyl methacrylate	10.42	69	419107	47.542	ug/l	100
57) 1,3-Dichloropropane	10.70	76	452567	49.979	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	854224	249.321	ug/l	99
59) 2-Hexanone	10.75	43	1532796	271.940	ug/l	99
60) Dibromochloromethane	10.90	129	280069	49.912	ug/l	100
61) 1,2-Dibromoethane	11.00	107	266566	50.536	ug/l	99
64) Tetrachloroethene	10.63	164	231233	48.742	ug/l	99
65) Chlorobenzene	11.43	112	677025	48.572	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	252164	49.173	ug/l	100
67) Ethyl Benzene	11.51	91	1253201	51.938	ug/l	99
68) m/p-Xylenes	11.62	106	930822	103.310	ug/l	100
69) o-Xylene	11.95	106	441592	51.326	ug/l	99
70) Styrene	11.96	104	742721	53.271	ug/l	100
71) Bromoform	12.13	173	202332	50.974	ug/l	99
73) Isopropylbenzene	12.25	105	1206112	50.048	ug/l	100
74) N-amyl acetate	12.07	43	550946	51.394	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	396489	46.187	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	375380m	48.425	ug/l	
77) Bromobenzene	12.53	156	287617	47.732	ug/l	99
78) n-propylbenzene	12.59	91	1419818	50.869	ug/l	100
79) 2-Chlorotoluene	12.68	91	838518	48.383	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1032129	50.393	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	146406	48.416	ug/l	100
82) 4-Chlorotoluene	12.78	91	866199	48.972	ug/l	100
83) tert-Butylbenzene	13.00	119	878211	50.476	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1027548	51.632	ug/l	100
85) sec-Butylbenzene	13.17	105	1170303	51.322	ug/l	99
86) p-Isopropyltoluene	13.29	119	1055618	51.348	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	516848	48.276	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	506991	47.873	ug/l	100
89) n-Butylbenzene	13.62	91	928142	51.813	ug/l	99
90) Hexachloroethane	13.88	117	193447	47.337	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	510338	47.906	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	83545	45.056	ug/l	99

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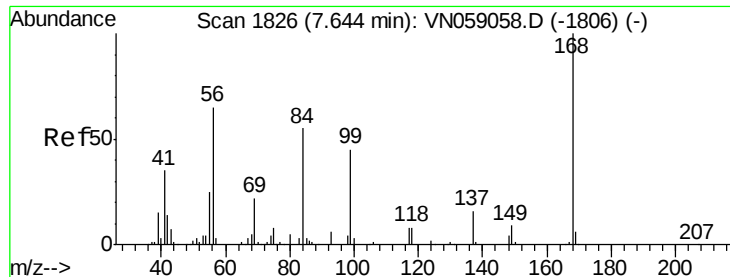
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	295037	51.349	ug/l	100
94) Hexachlorobutadiene	15.01	225	162361	47.082	ug/l	99
95) Naphthalene	15.13	128	822980	46.194	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	289269	49.467	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 473435

Ion Ratio Lower Upper

168 100

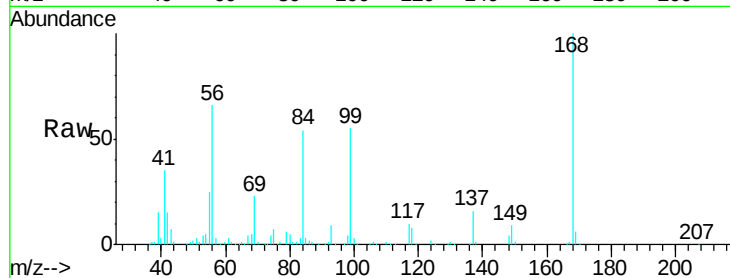
99 55.1 44.1 66.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

200000

150000

100000

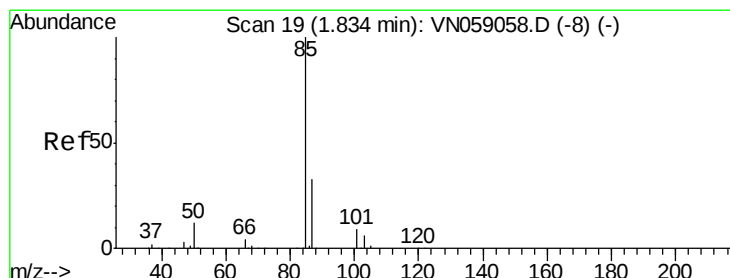
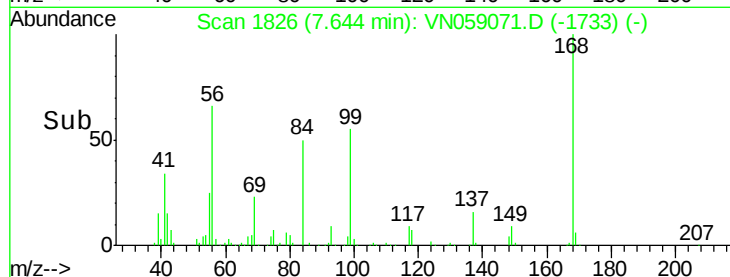
50000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 48.683 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059071.D

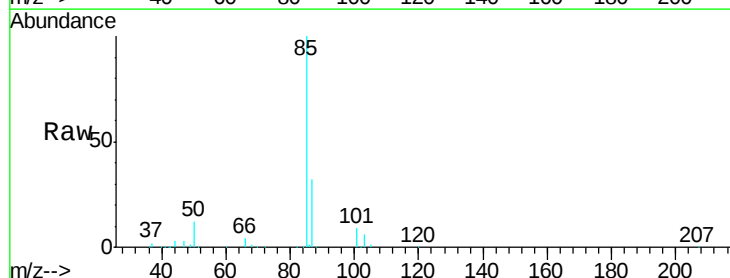
Acq: 1 Nov 2019 18:32

Tgt Ion: 85 Resp: 249197

Ion Ratio Lower Upper

85 100

87 31.8 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

150000

100000

50000

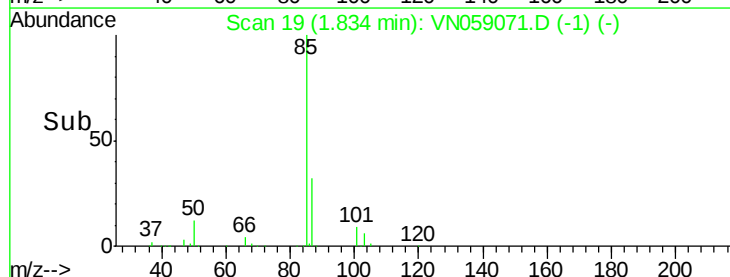
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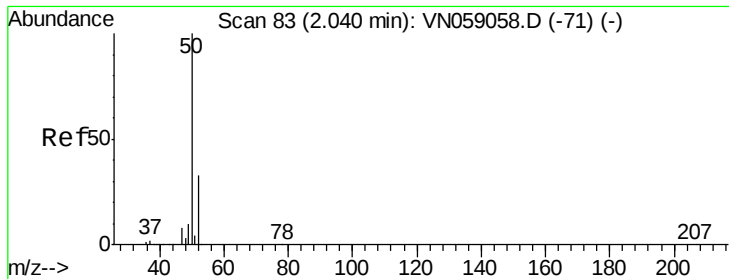
1.80

1.90

2.00

Time-->





#3

Chloromethane

Concen: 46.596 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 323412

Ion Ratio Lower Upper

50 100

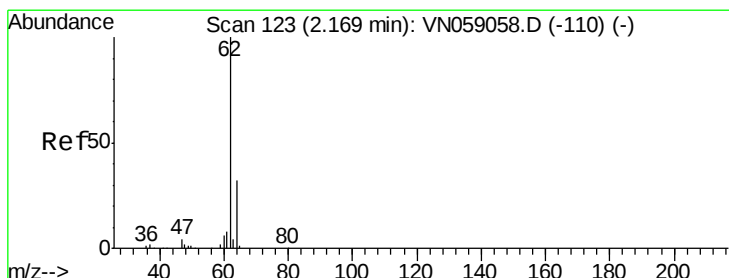
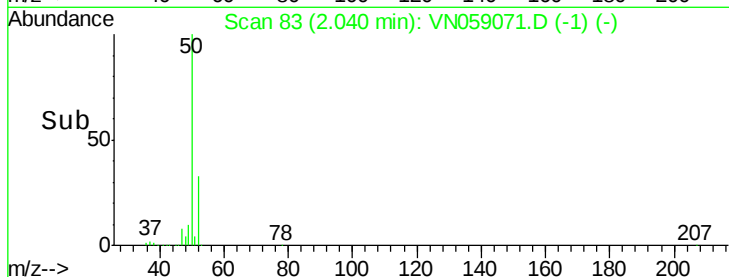
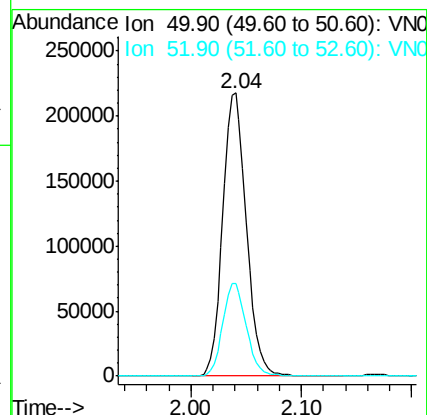
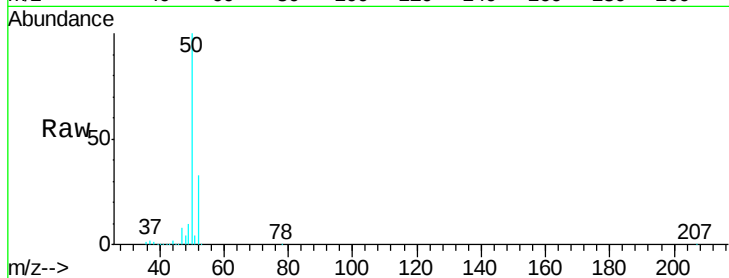
52 32.8 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.699 ug/l

RT: 2.17 min Scan# 122

Delta R.T. -0.00 min

Lab File: VN059071.D

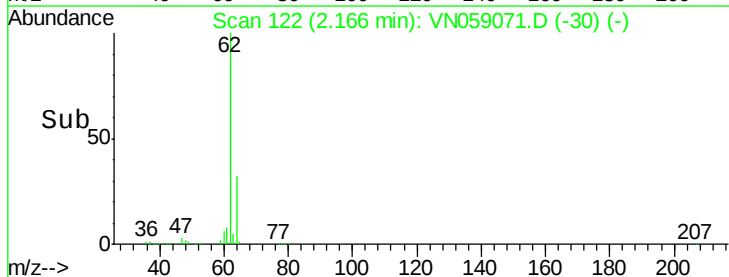
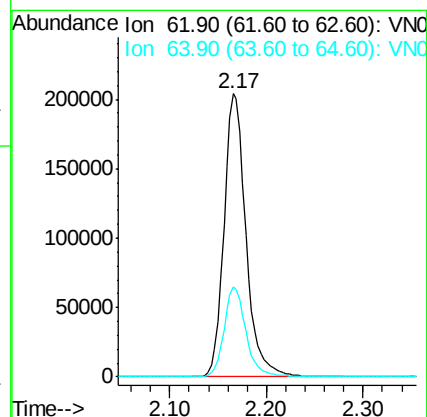
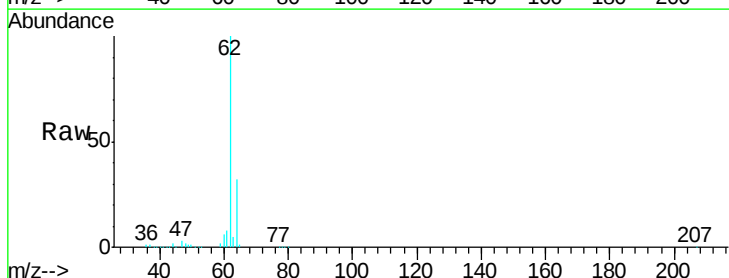
Acq: 1 Nov 2019 18:32

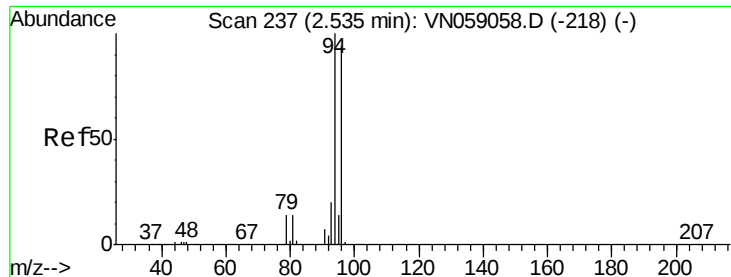
Tgt Ion: 62 Resp: 321363

Ion Ratio Lower Upper

62 100

64 31.8 25.8 38.8





#5

Bromomethane

Concen: 45.265 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Instrument :

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Tgt Ion: 94 Resp: 180297

Ion Ratio Lower Upper

94 100

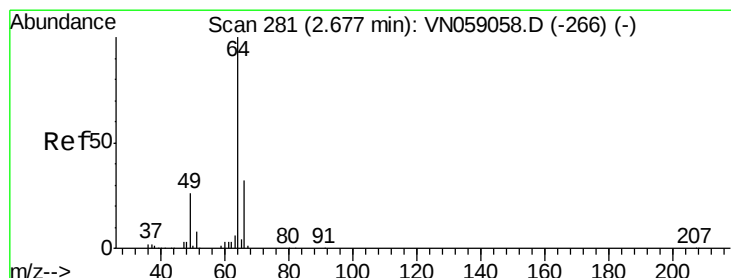
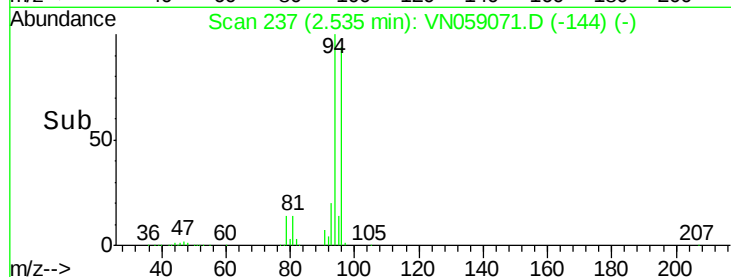
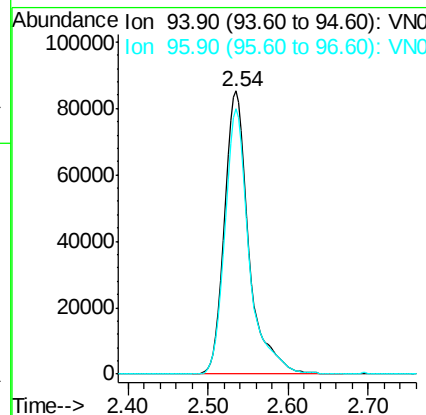
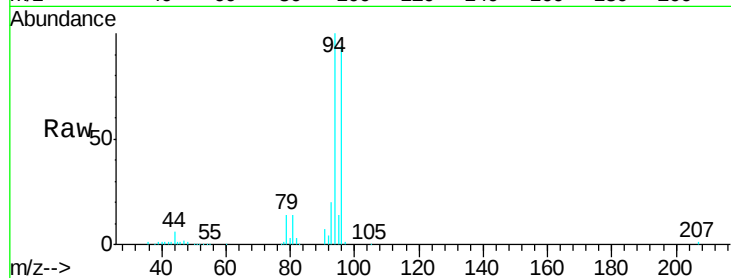
96 93.5 75.1 112.7

Manual Integrations

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#6

Chloroethane

Concen: 45.576 ug/l

RT: 2.68 min Scan# 281

Delta R.T. -0.00 min

Lab File: VN059071.D

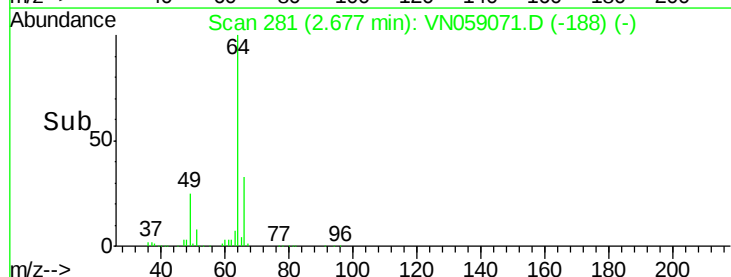
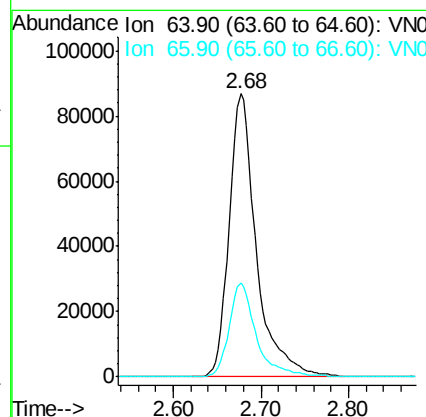
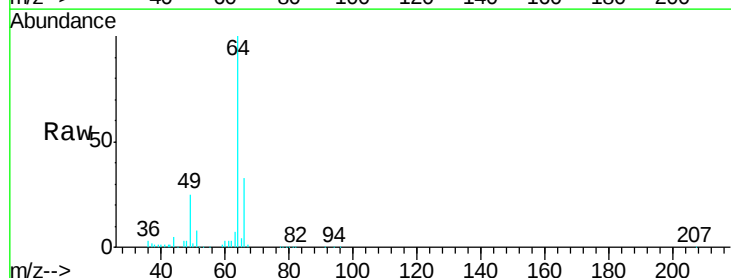
Acq: 1 Nov 2019 18:32

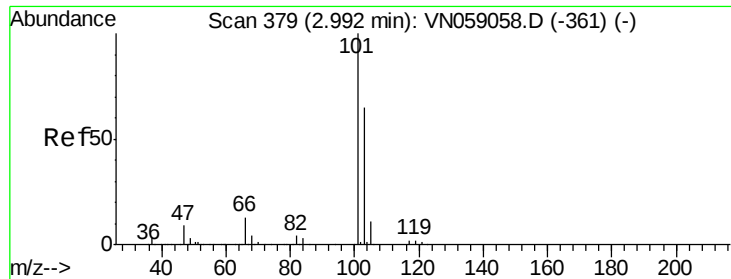
Tgt Ion: 64 Resp: 188050

Ion Ratio Lower Upper

64 100

66 33.0 25.6 38.4





#7

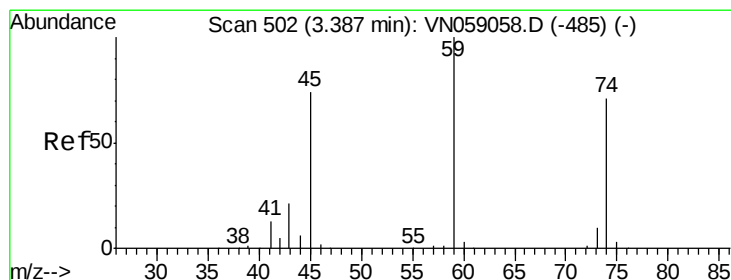
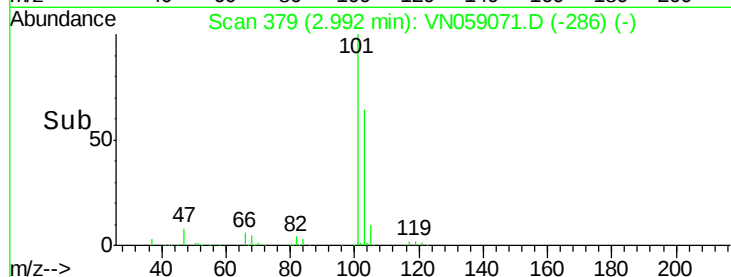
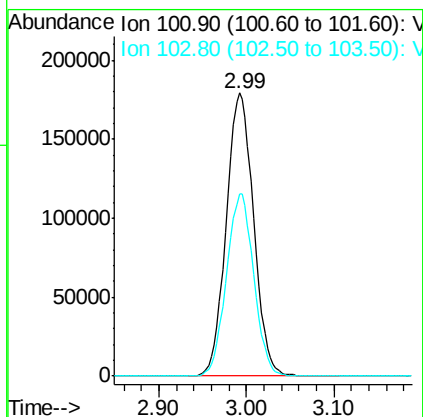
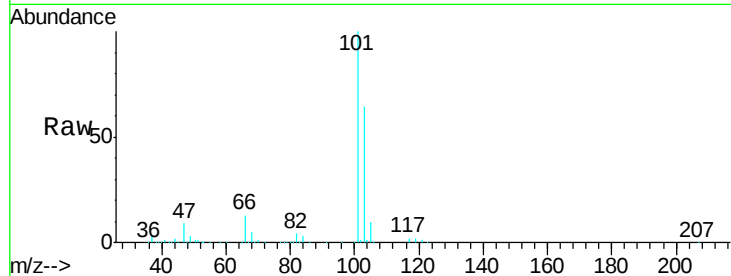
Trichlorofluoromethane
Concen: 48.602 ug/l
RT: 2.99 min Scan# 379
Delta R.T. -0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

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Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.7	77.5

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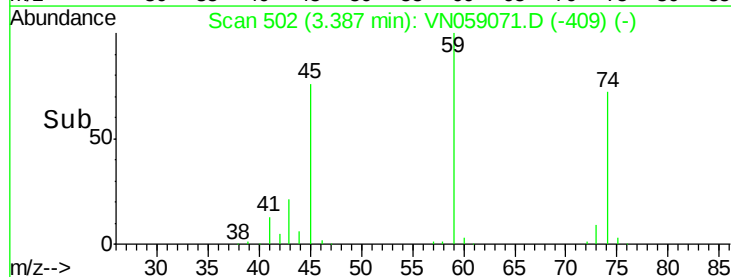
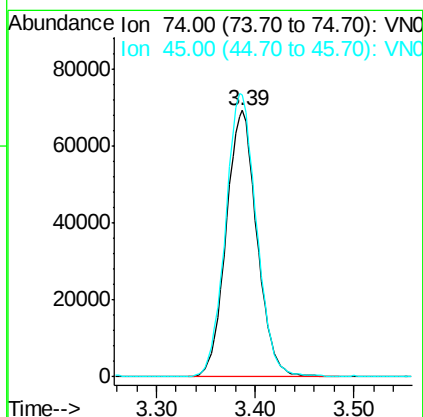
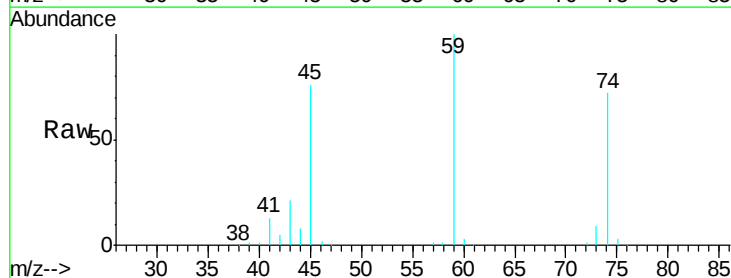
MMDadoda
11/5/2019 1:59:42 PM

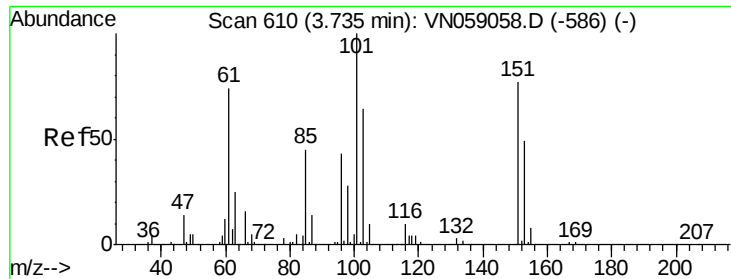


#8

Diethyl Ether
Concen: 48.093 ug/l
RT: 3.39 min Scan# 502
Delta R.T. -0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.1	52.8	158.3





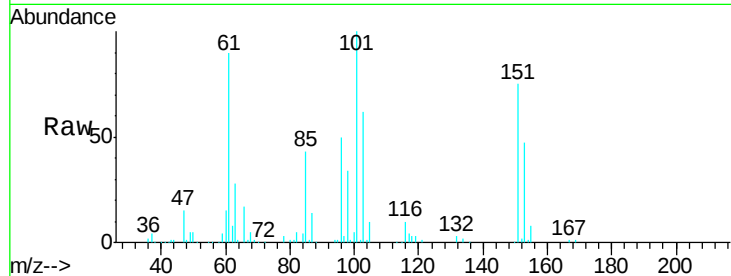
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.339 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN059071.D
 Acq: 1 Nov 2019 18:32

Instrument :
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 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	228100		
85	44.1	35.0	52.6	
151	76.3	61.3	91.9	

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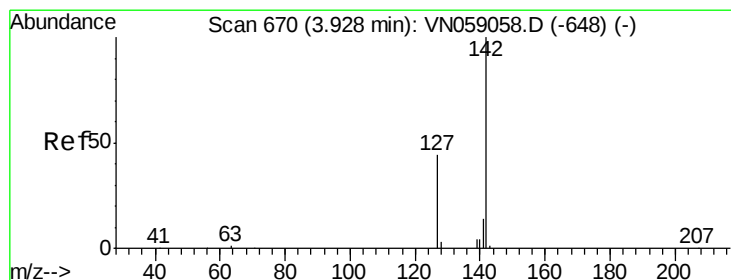
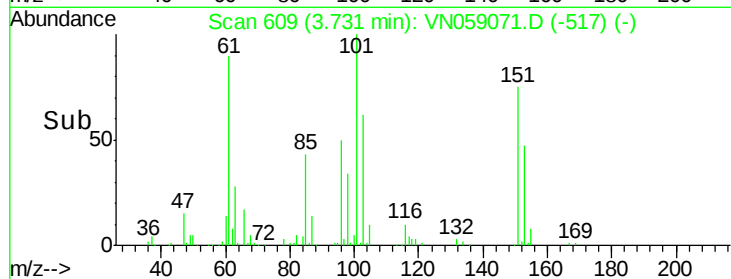
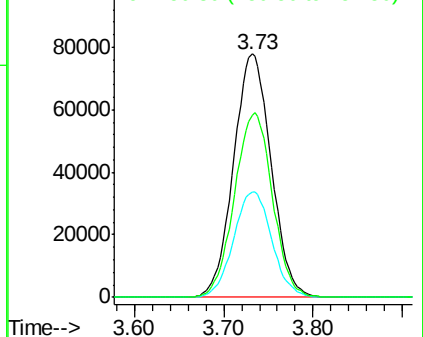


Abundance

Ion 100.90 (100.60 to 101.60): V

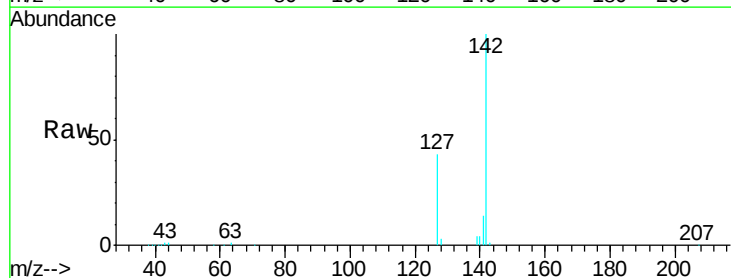
Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10
 Methyl Iodide
 Concen: 49.900 ug/l
 RT: 3.92 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: VN059071.D
 Acq: 1 Nov 2019 18:32

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	286196		
127	44.1	34.2	51.2	
141	13.9	11.1	16.7	

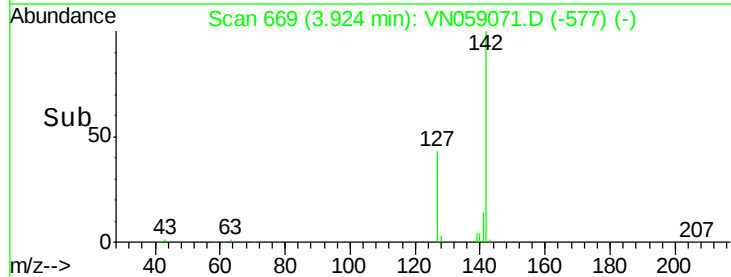
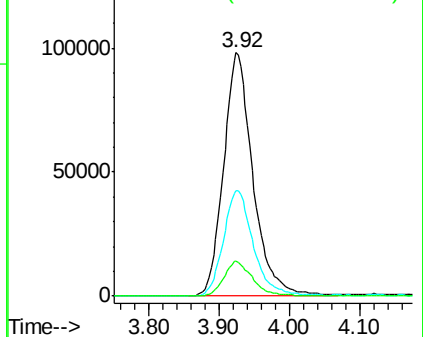


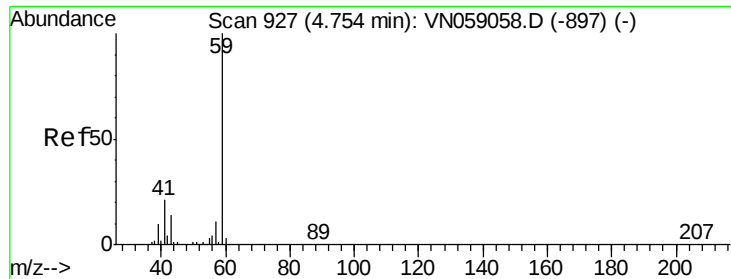
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

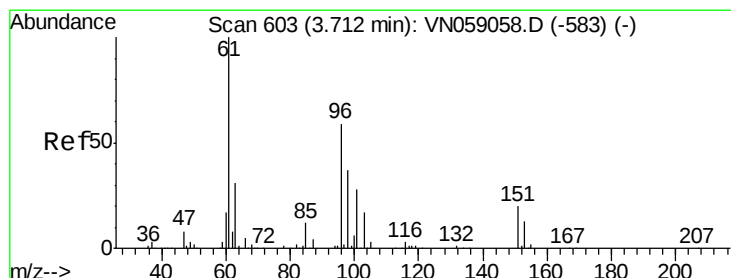
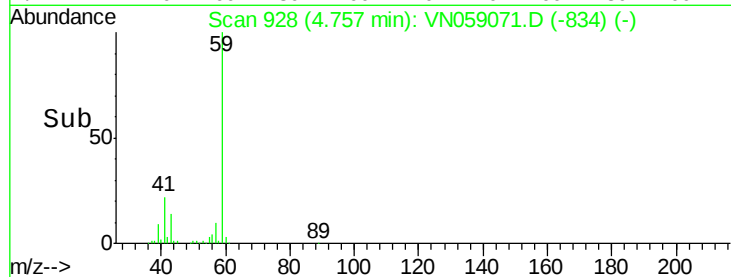
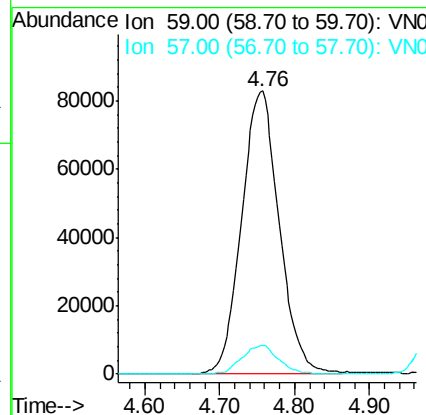
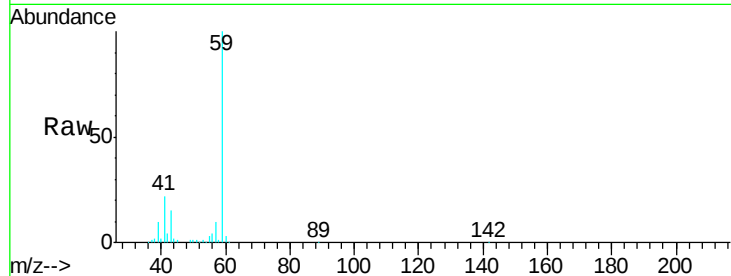
Tert butyl alcohol
Concen: 250.367 ug/l
RT: 4.76 min Scan# 928
Delta R.T. 0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 290538
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

Manual Integrations
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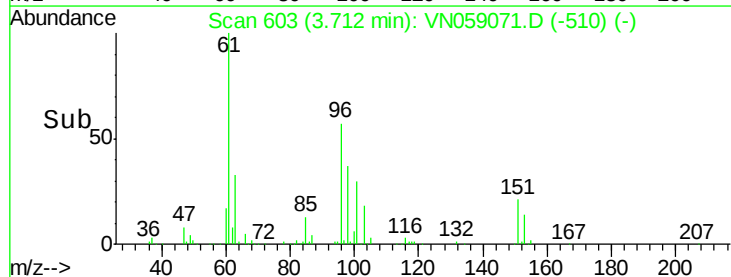
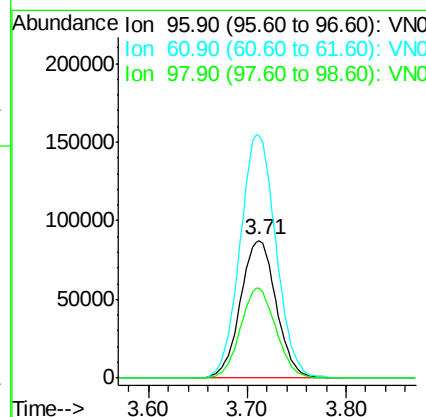
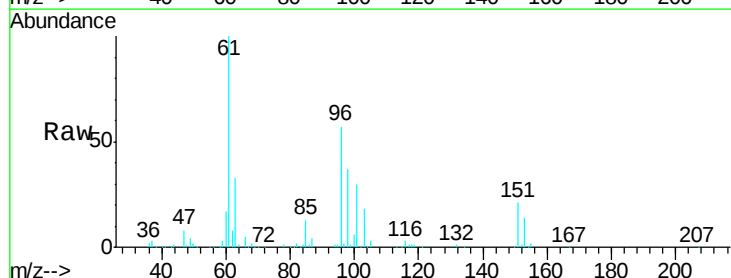
MMDadoda
11/5/2019 1:59:42 PM

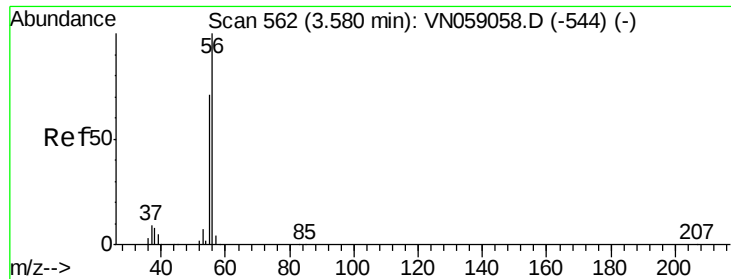


#12

1,1-Dichloroethene
Concen: 46.835 ug/l
RT: 3.71 min Scan# 603
Delta R.T. 0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Tgt Ion: 96 Resp: 219789
Ion Ratio Lower Upper
96 100
61 176.4 135.3 202.9
98 65.2 49.4 74.2





#13

Acrolein

Concen: 249.431 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 182643

Ion Ratio Lower Upper

56 100

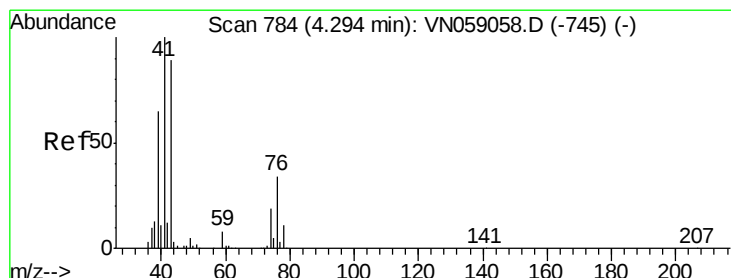
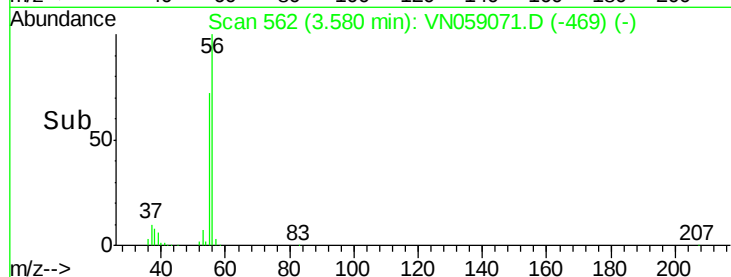
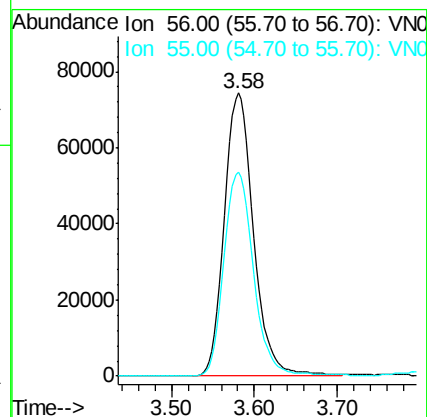
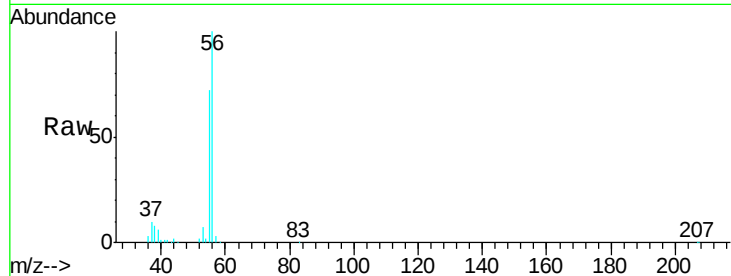
55 73.1 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 48.833 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

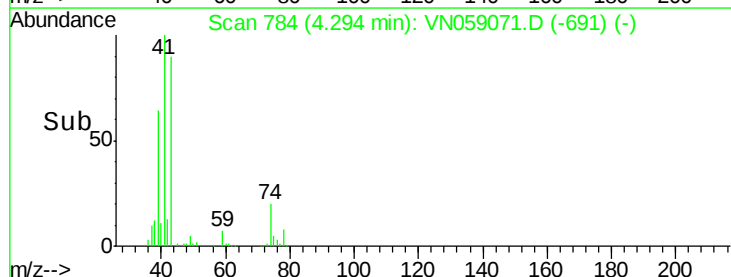
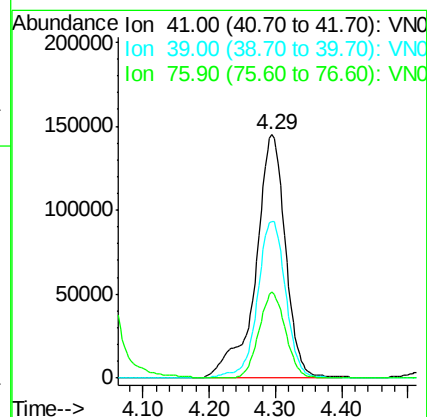
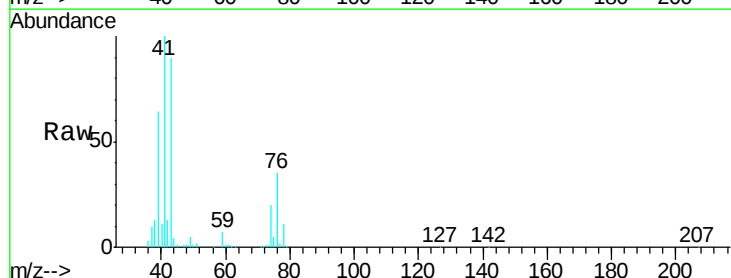
Tgt Ion: 41 Resp: 454105

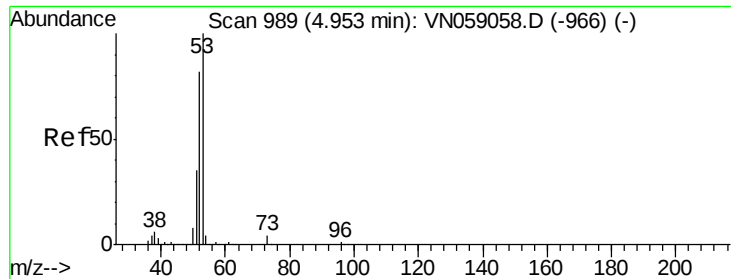
Ion Ratio Lower Upper

41 100

39 61.0 49.4 74.2

76 30.8 24.6 37.0





#15

Acrylonitrile

Concen: 251.694 ug/l

RT: 4.95 min Scan# 989

Delta R.T. -0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Instrument :

MSVOA_N

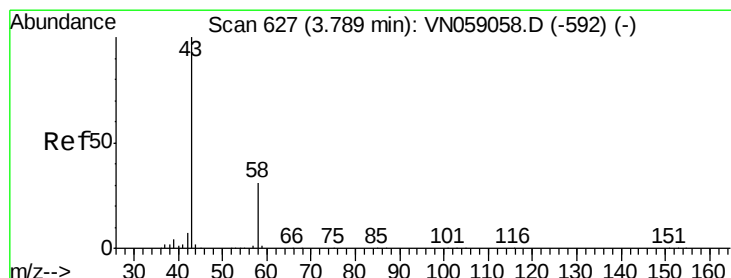
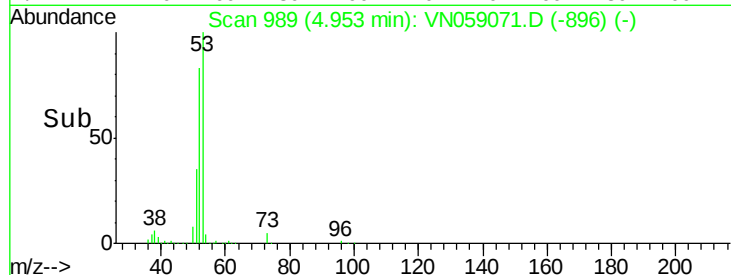
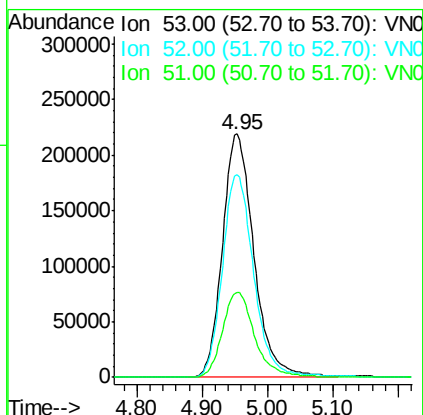
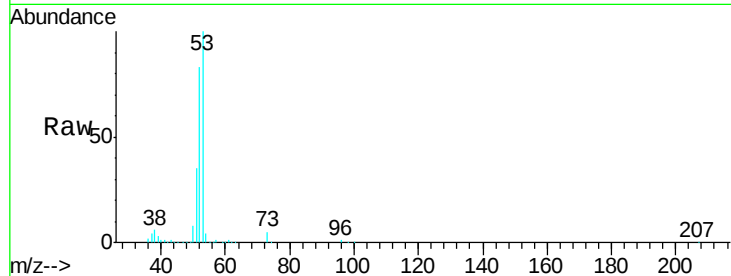
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	732685
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.0	99.0
51	35.7	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 220.495 ug/l

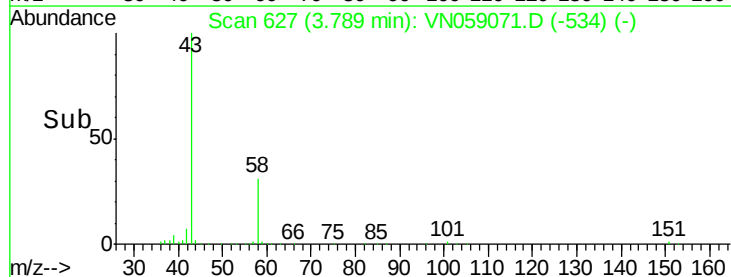
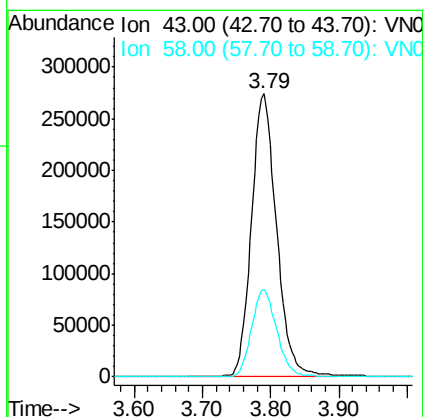
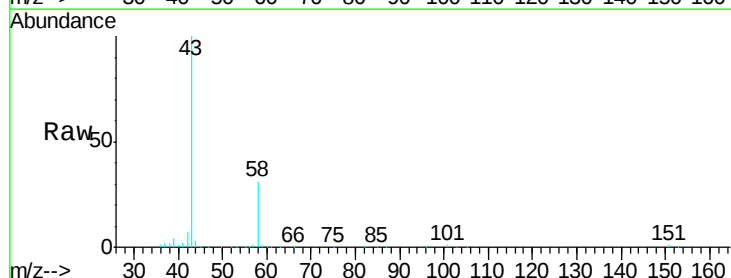
RT: 3.79 min Scan# 627

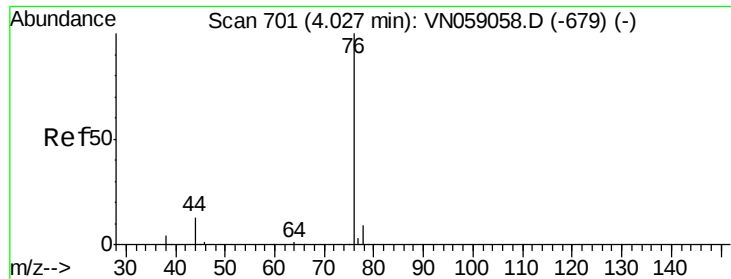
Delta R.T. 0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Tgt Ion:	43	Resp:	699915
Ion	Ratio	Lower	Upper
43	100		
58	31.0	25.0	37.6





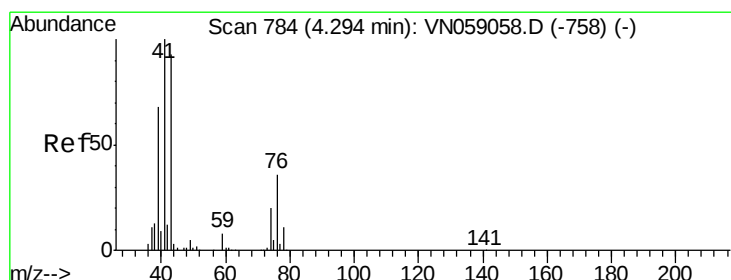
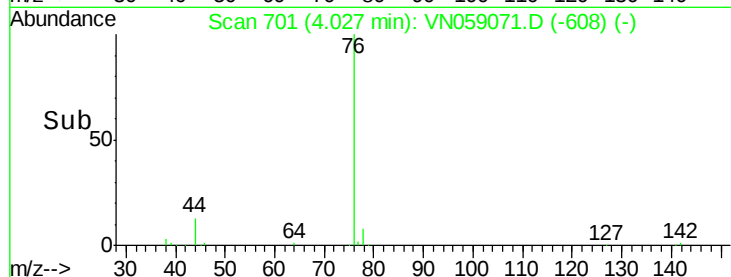
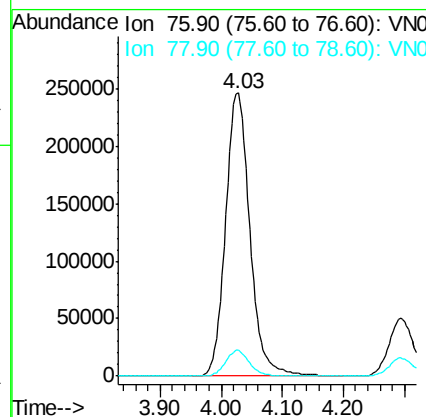
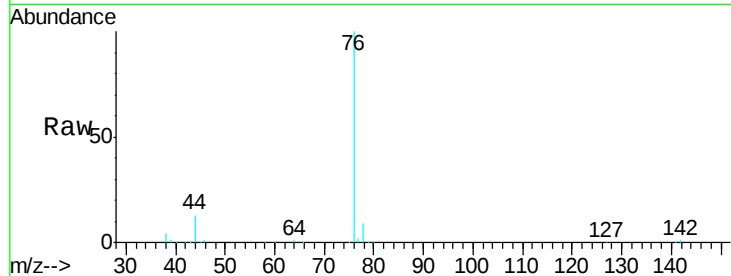
#17
Carbon Disulfide
Concen: 45.595 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 680260
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

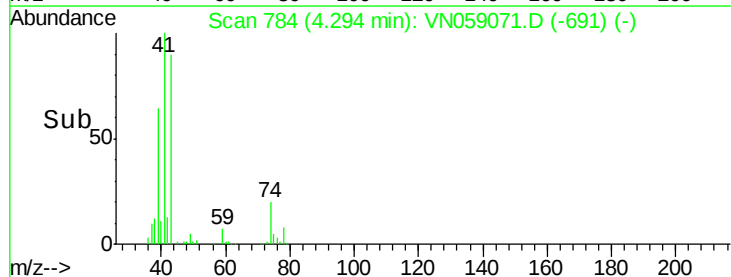
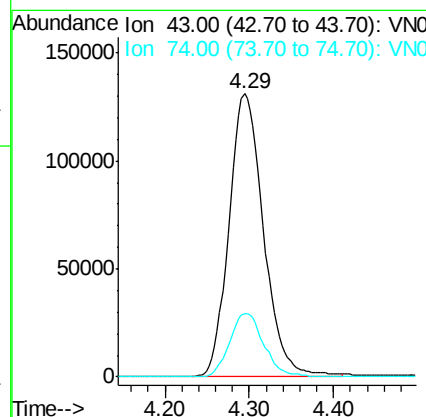
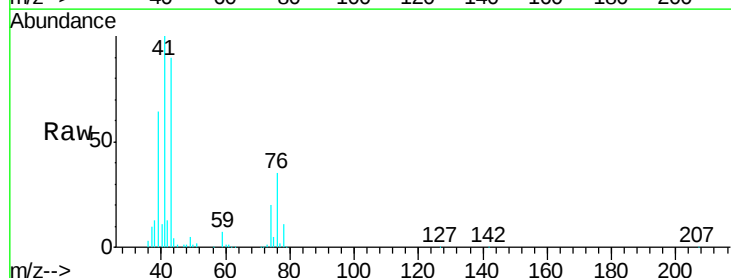
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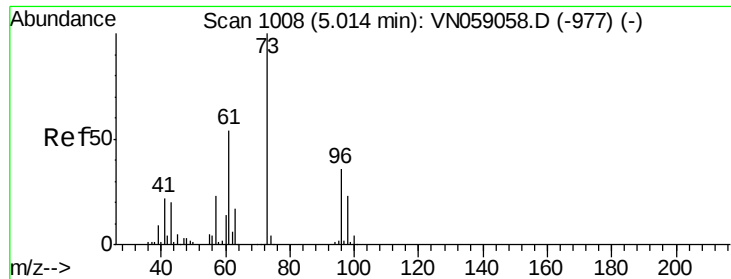
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#18
Methyl Acetate
Concen: 45.963 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Tgt Ion: 43 Resp: 369616
Ion Ratio Lower Upper
43 100
74 22.5 17.5 26.3





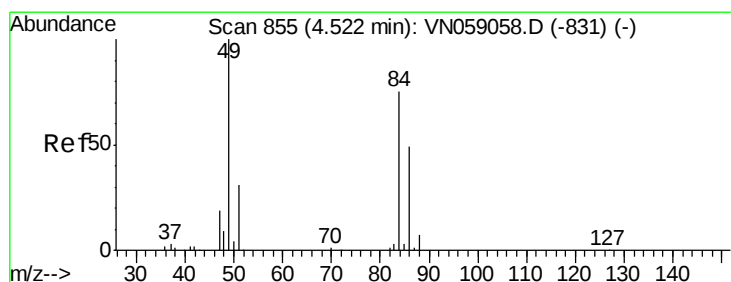
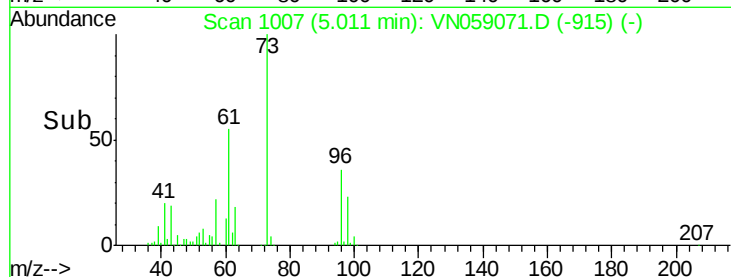
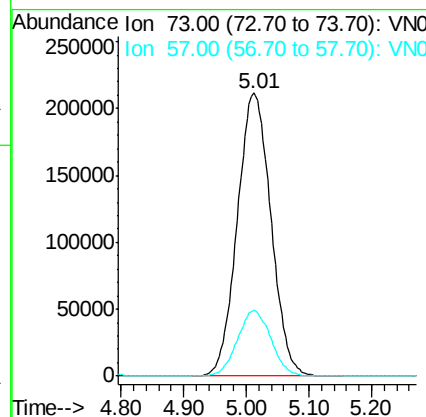
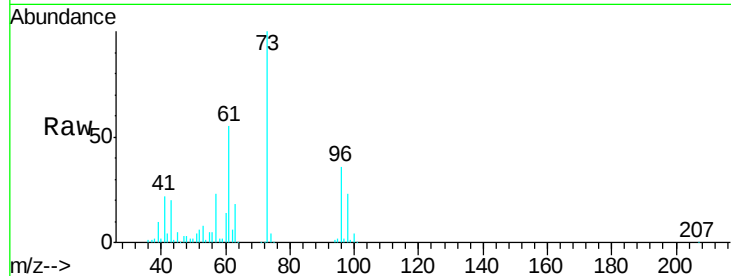
#19
Methyl tert-butyl Ether
Concen: 49.276 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 787612
Ion Ratio Lower Upper
73 100
57 23.3 18.4 27.6

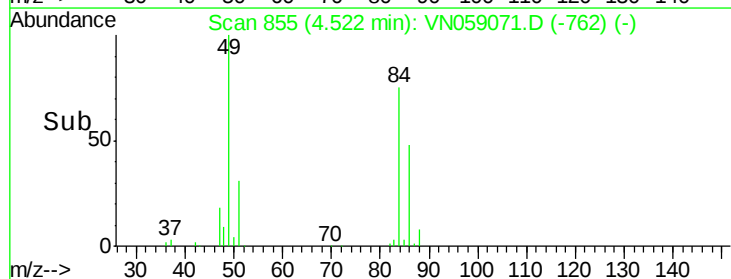
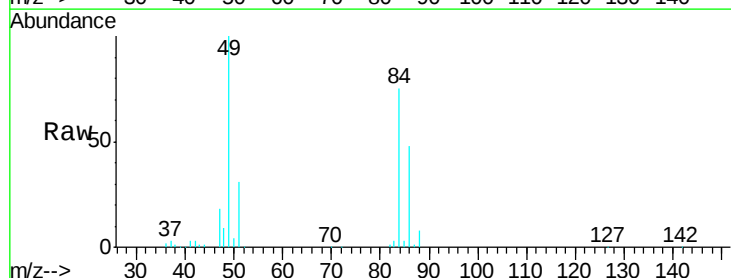
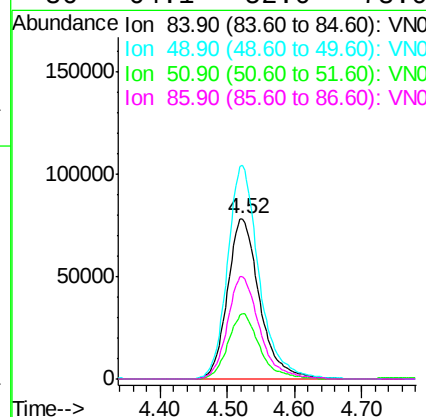
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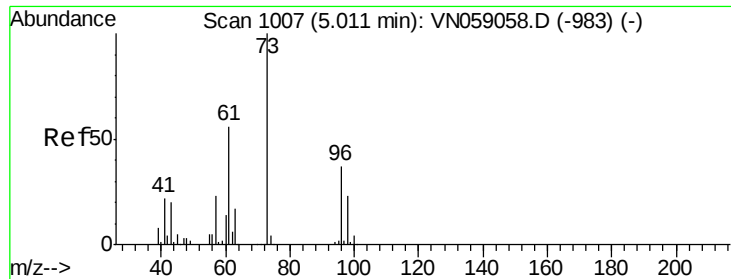
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#20
Methylene Chloride
Concen: 46.880 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Tgt Ion: 84 Resp: 260512
Ion Ratio Lower Upper
84 100
49 133.3 106.4 159.6
51 40.7 33.0 49.4
86 64.1 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 48.674 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Instrument :

MSVOA_N

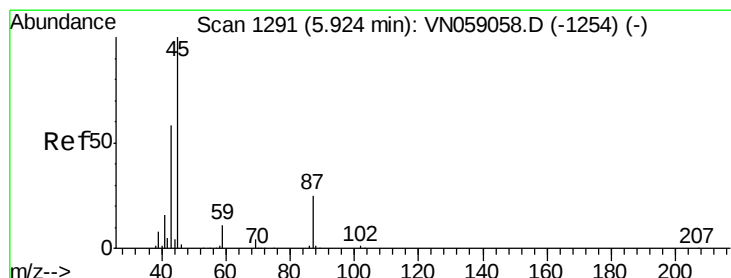
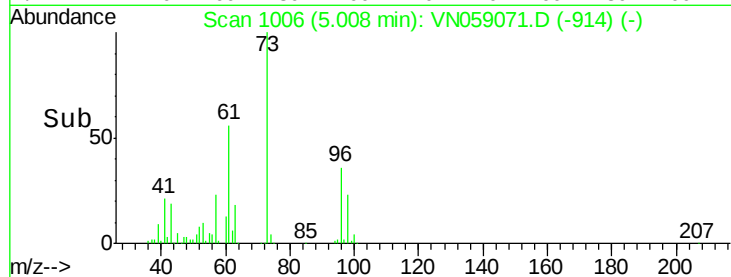
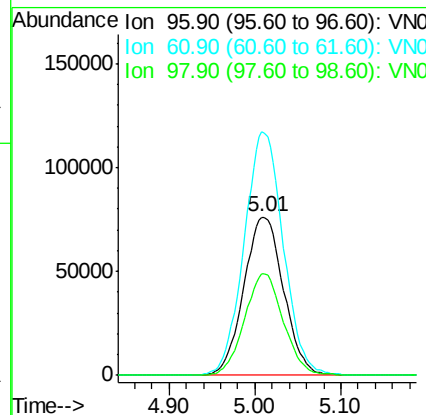
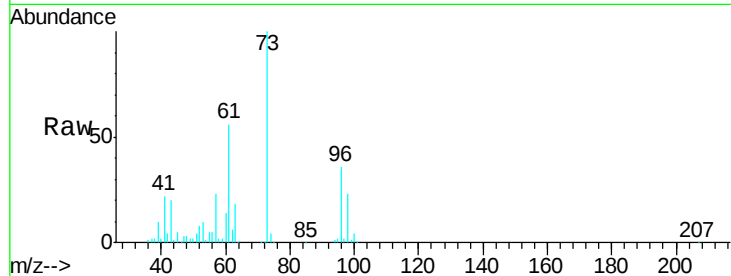
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	245223
Ion	Ratio	Lower	Upper
96	100		
61	154.0	121.7	182.5
98	64.0	50.6	76.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.520 ug/l

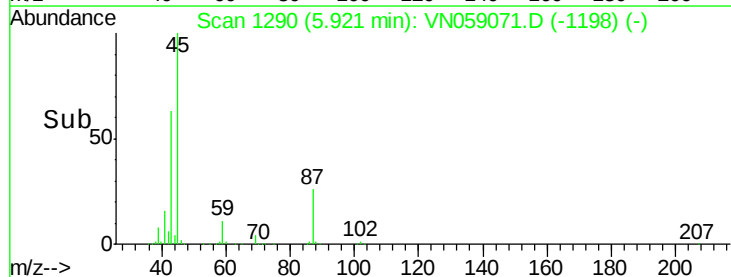
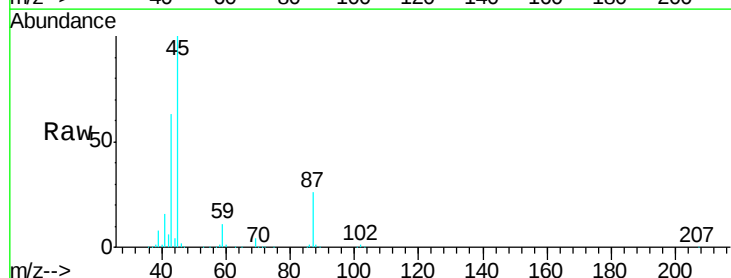
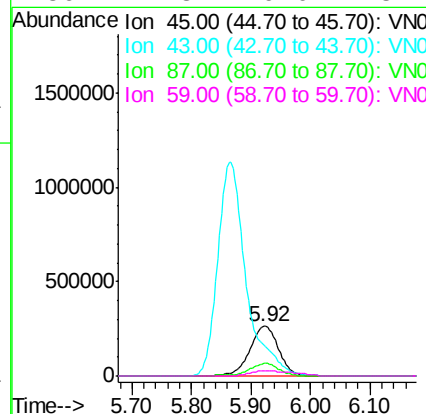
RT: 5.92 min Scan# 1290

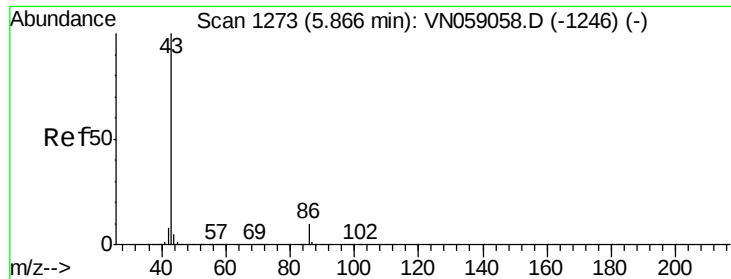
Delta R.T. -0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Tgt Ion:	45	Resp:	894828
Ion	Ratio	Lower	Upper
45	100		
43	61.7	46.9	70.3
87	25.7	20.1	30.1
59	11.3	9.0	13.4





#23

Vinyl Acetate

Concen: 266.138 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 3754544

Ion Ratio Lower Upper

43 100

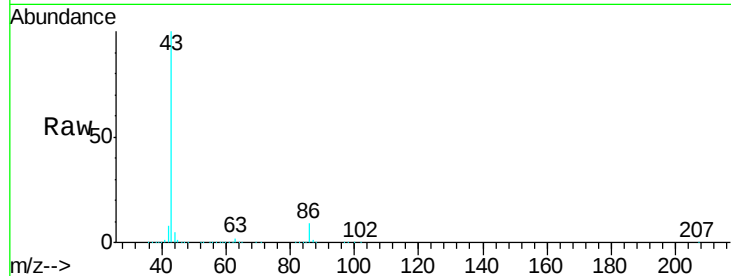
86 9.3 7.6 11.4

Manual Integrations

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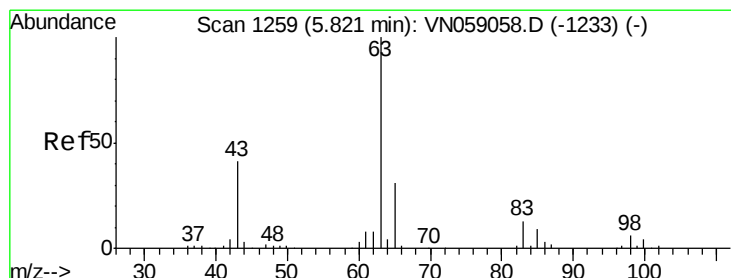
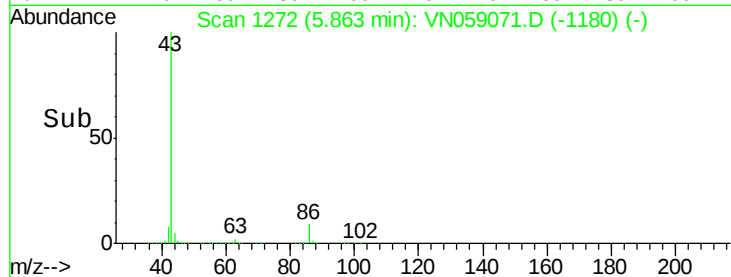
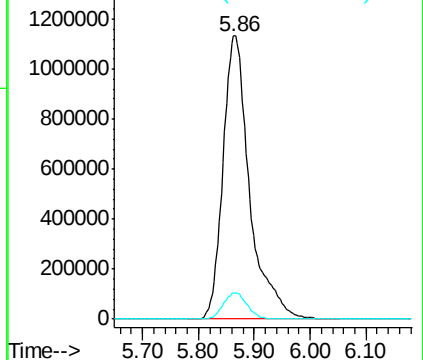
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 48.268 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

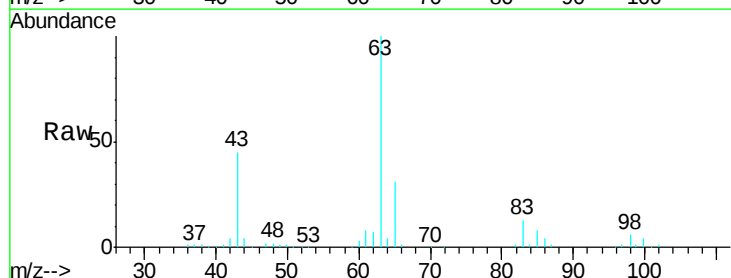
Tgt Ion: 63 Resp: 488795

Ion Ratio Lower Upper

63 100

98 5.9 3.2 9.6

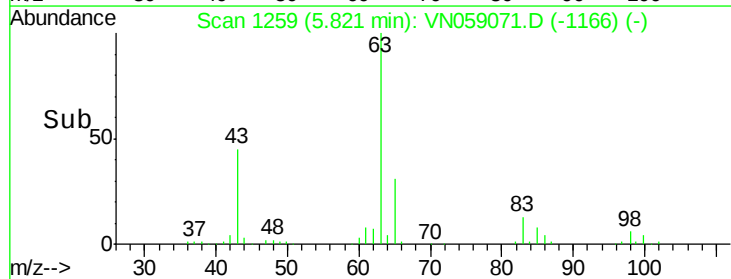
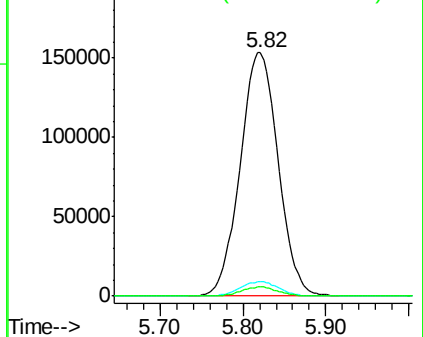
100 3.7 2.0 6.0

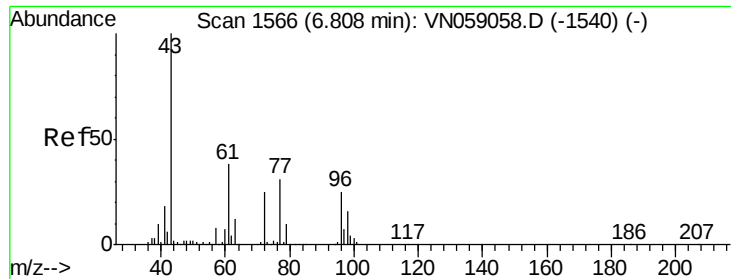


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 248.237 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1049228

Ion Ratio Lower Upper

43 100

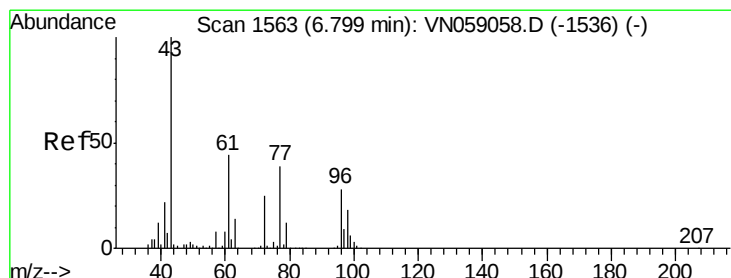
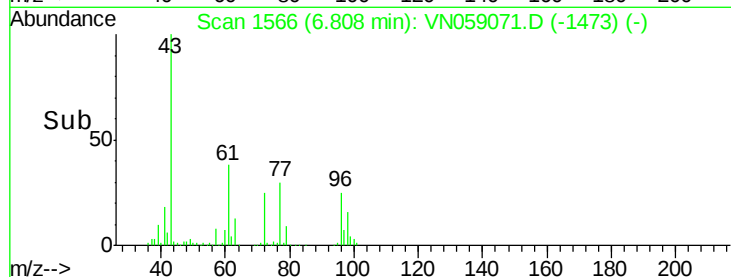
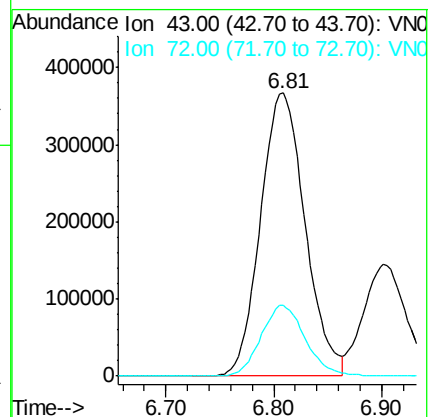
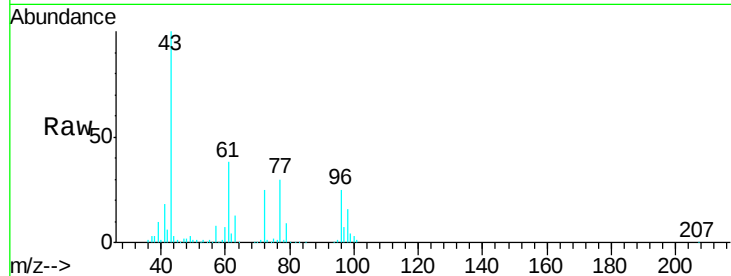
72 25.1 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.702 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059071.D

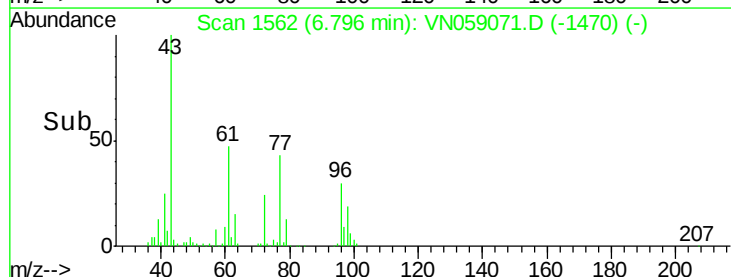
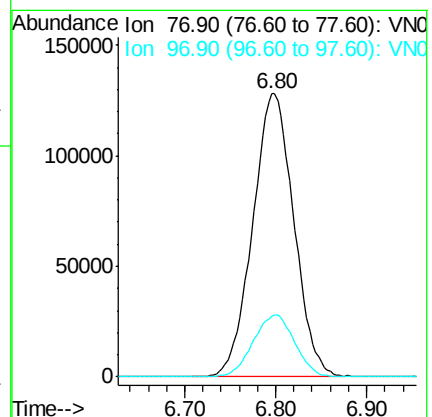
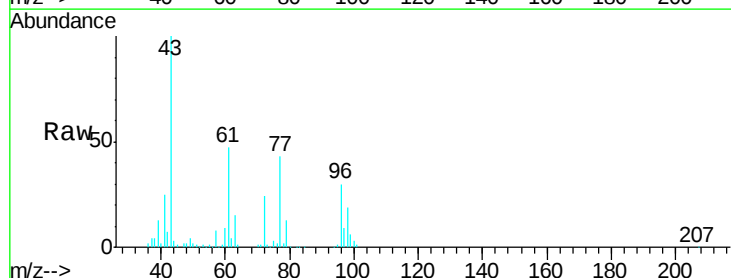
Acq: 1 Nov 2019 18:32

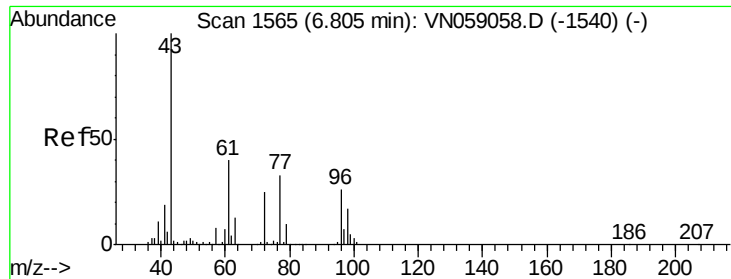
Tgt Ion: 77 Resp: 401703

Ion Ratio Lower Upper

77 100

97 22.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 48.833 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Instrument :

MSVOA_N

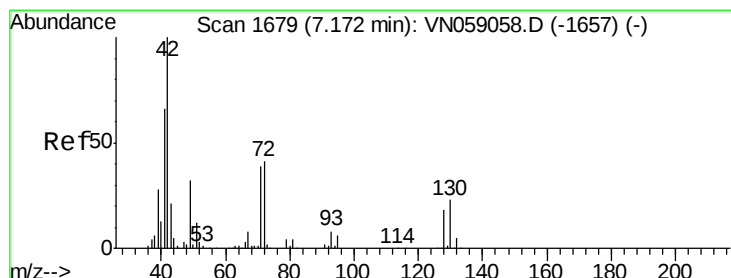
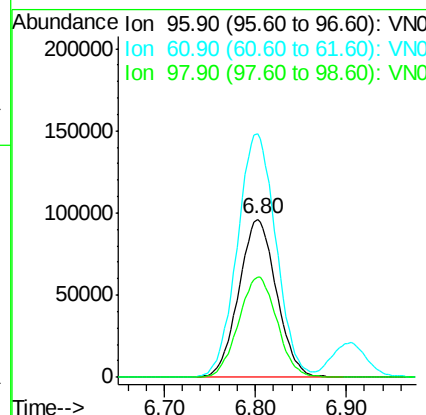
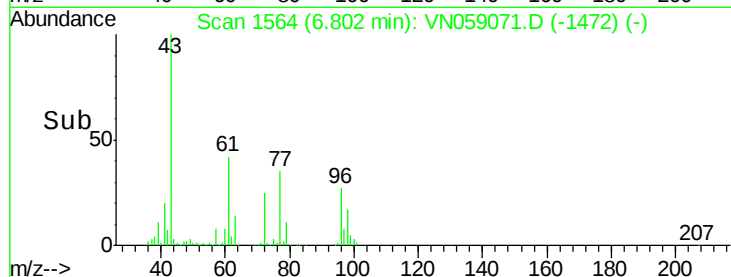
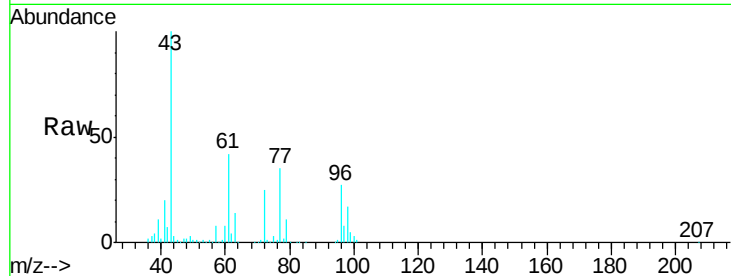
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	277019
Ion	Ratio	Lower	Upper
96	100		
61	157.9	0.0	316.4
98	64.6	0.0	128.2

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#28

Bromochloromethane

Concen: 46.983 ug/l

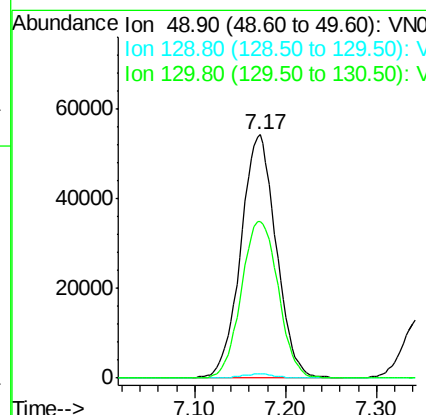
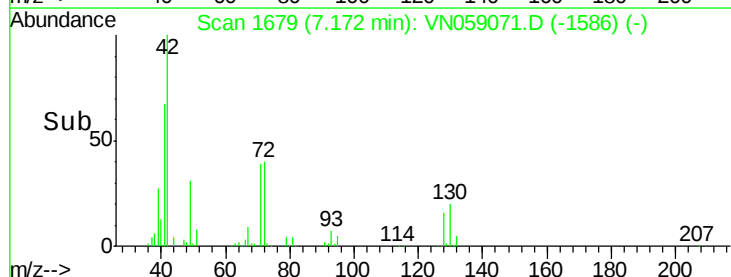
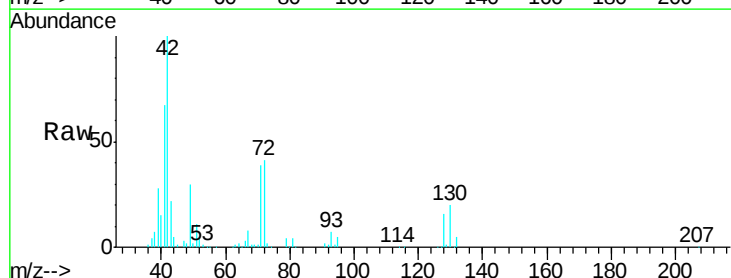
RT: 7.17 min Scan# 1679

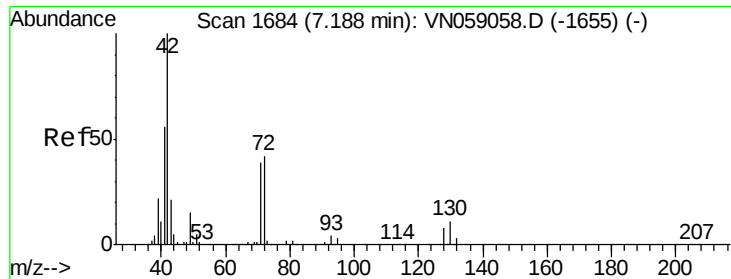
Delta R.T. 0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Tgt Ion:	49	Resp:	146838
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.4
130	67.0	55.0	82.6





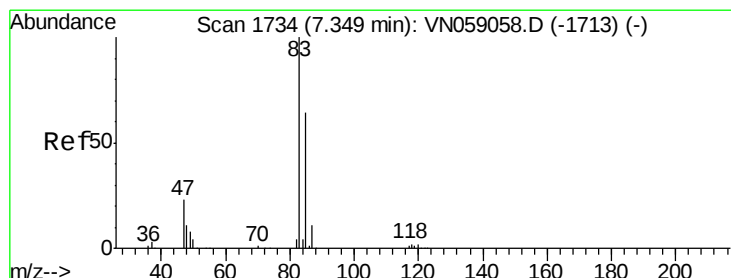
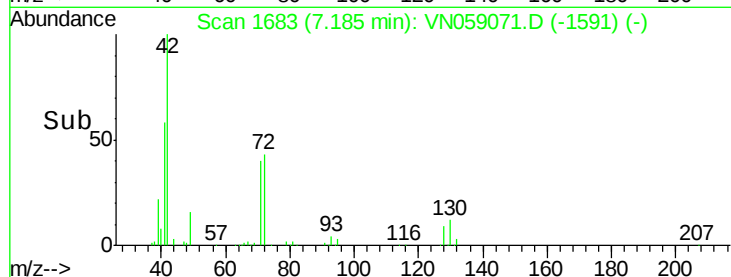
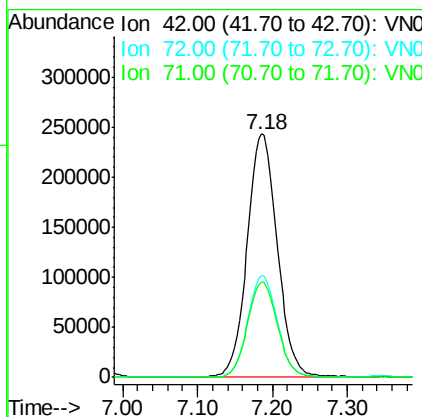
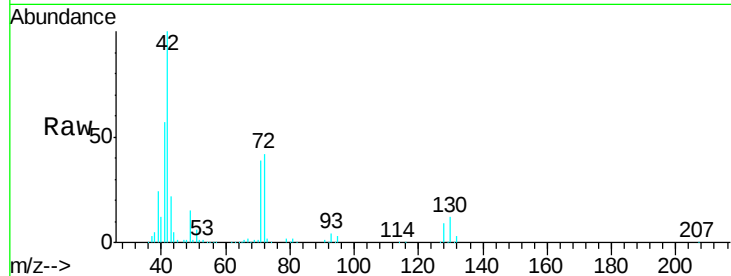
#29
Tetrahydrofuran
Concen: 255.288 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.3	32.7	49.1
71	38.9	31.2	46.8

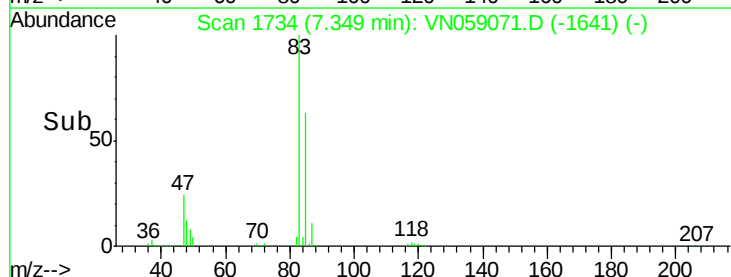
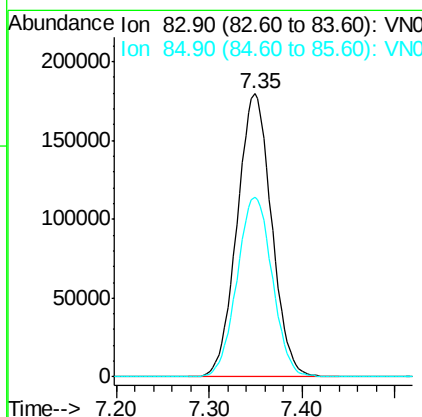
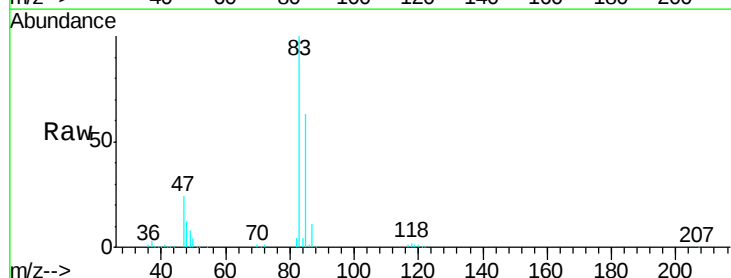
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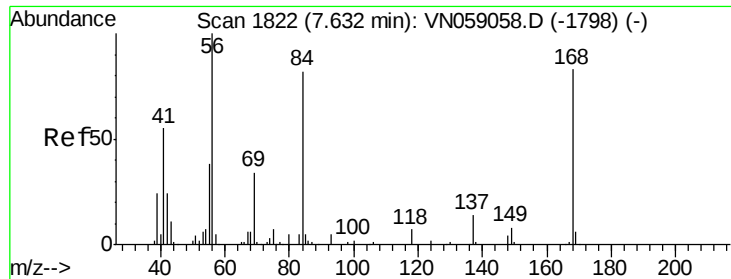
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#30
Chloroform
Concen: 47.939 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.9	76.3





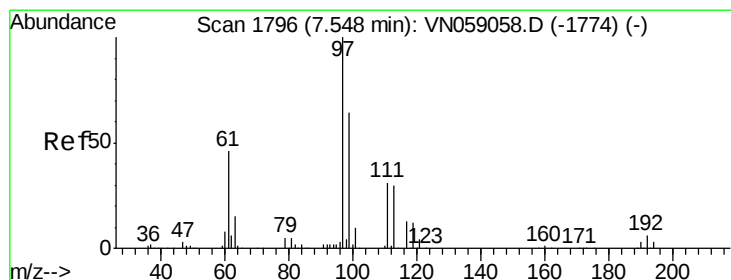
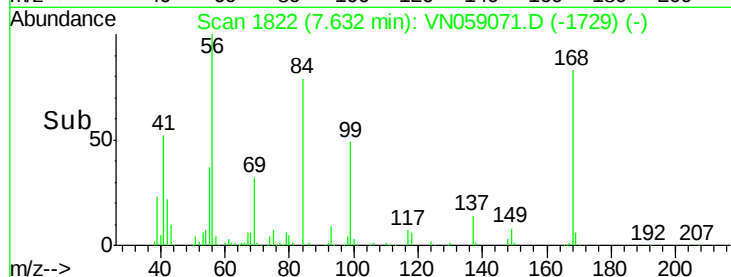
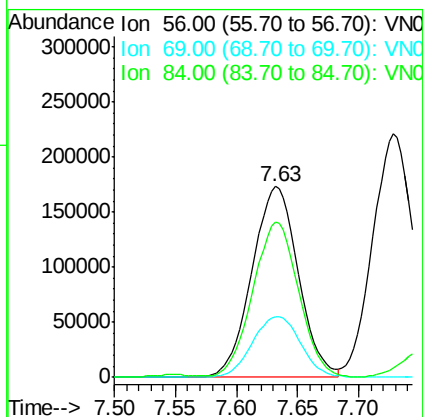
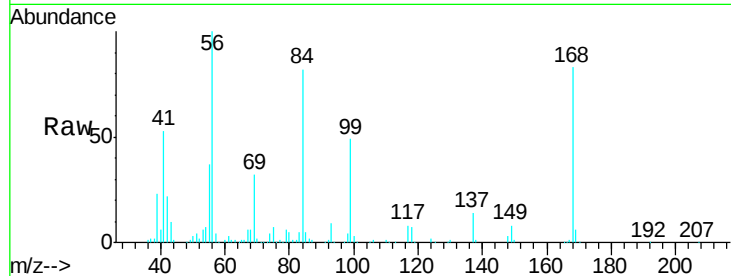
#31
Cyclohexane
Concen: 47.329 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.9	27.2	40.8
84	80.5	65.2	97.8

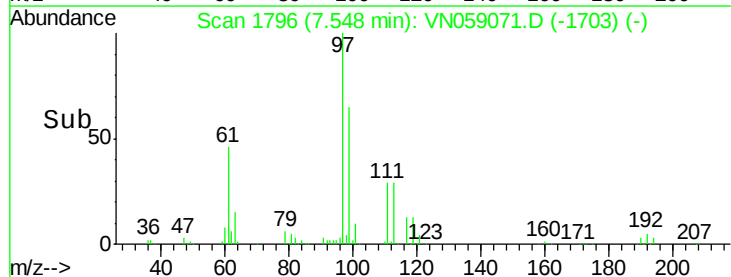
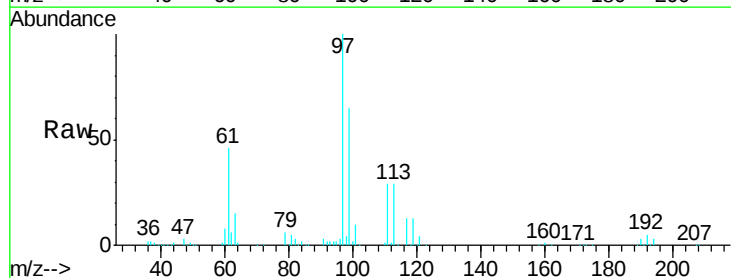
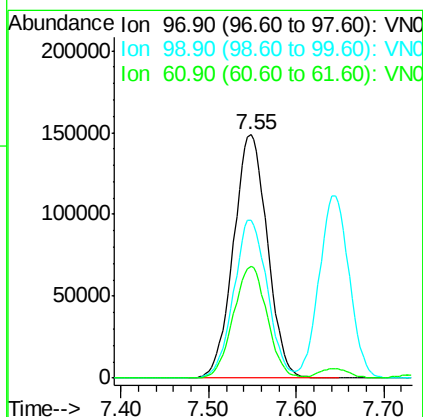
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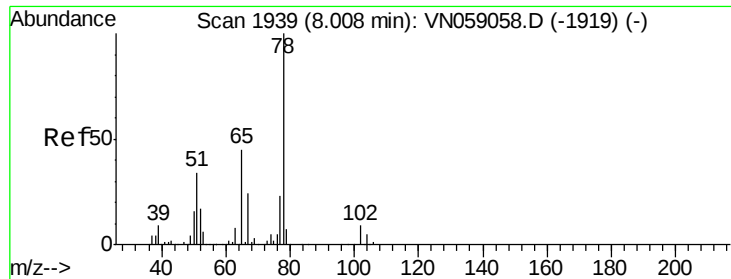
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#32
1,1,1-Trichloroethane
Concen: 48.814 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.7	76.1
61	45.8	36.3	54.5





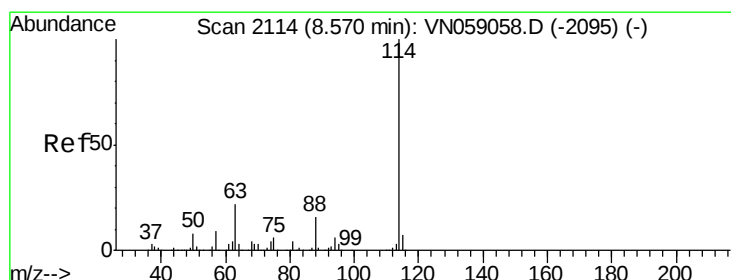
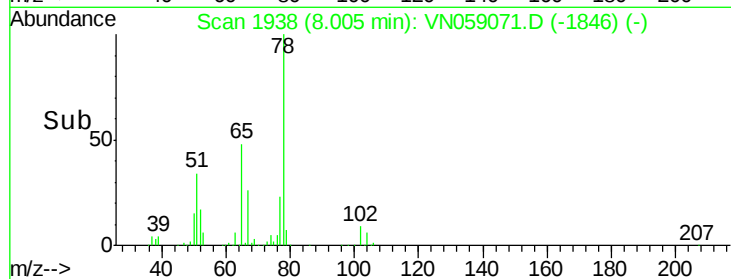
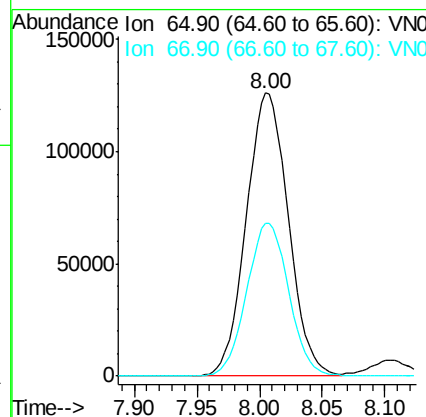
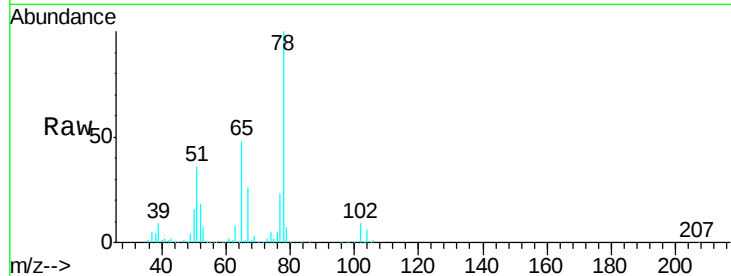
#33
 1,2-Dichloroethane-d4
 Concen: 46.979 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059071.D
 Acq: 1 Nov 2019 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	294564		
67	54.1	0.0	107.6	

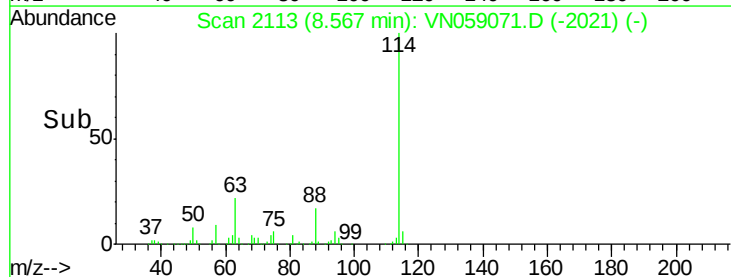
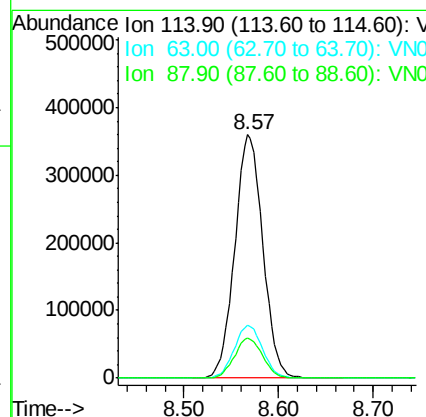
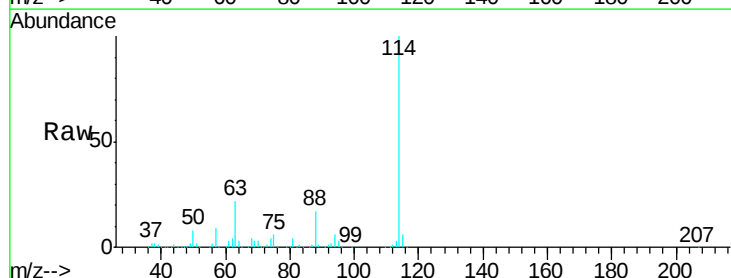
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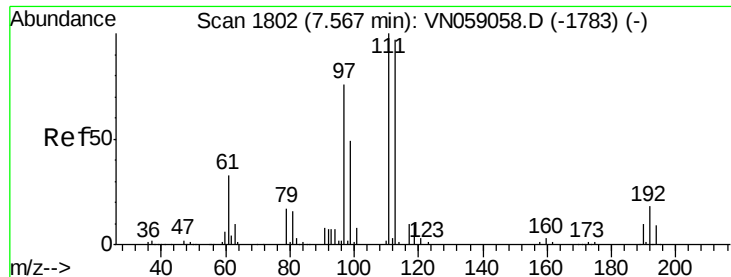
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059071.D
 Acq: 1 Nov 2019 18:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	739576		
63	21.7	0.0	43.2	
88	16.6	0.0	33.0	





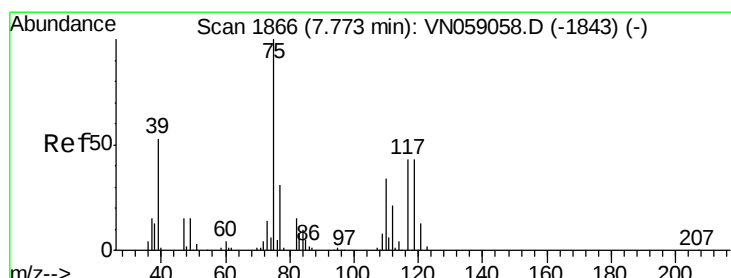
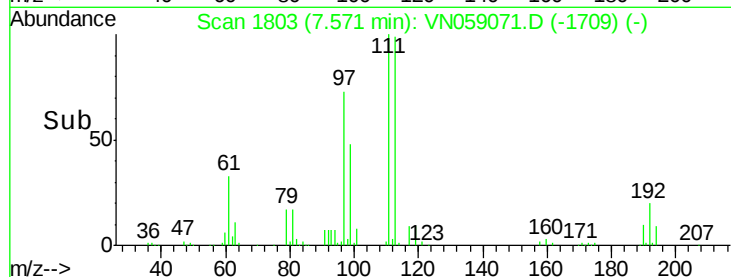
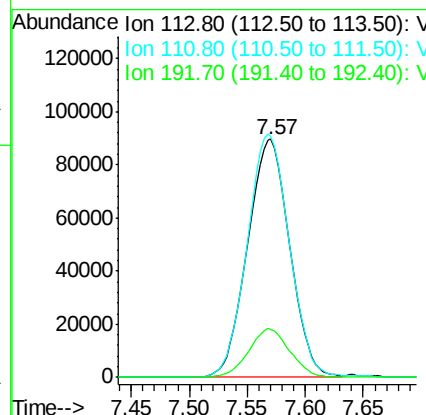
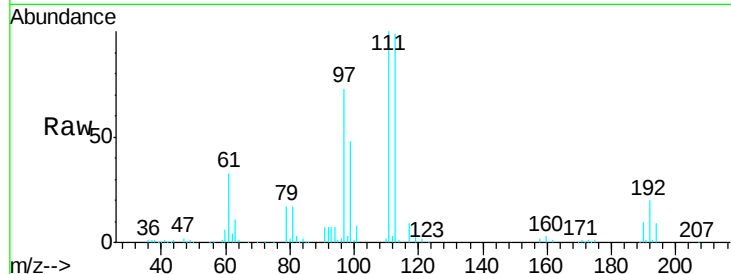
#35
 Dibromofluoromethane
 Concen: 47.600 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059071.D
 Acq: 1 Nov 2019 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	227106		
111	102.2	82.9	124.3	
192	19.9	15.9	23.9	

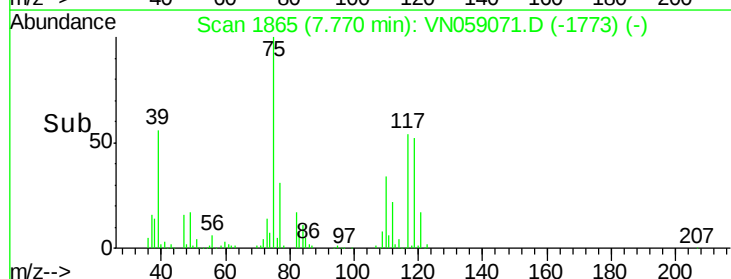
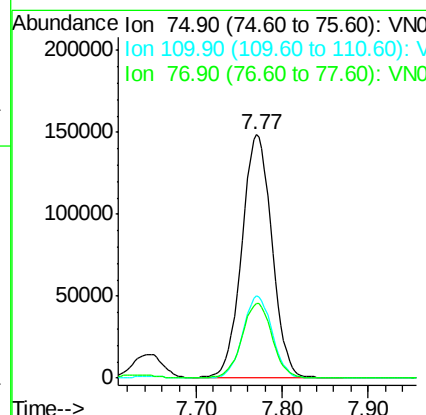
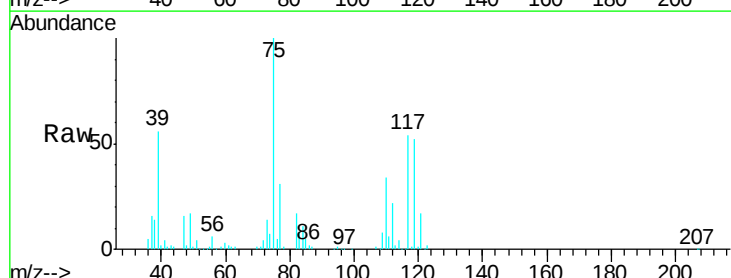
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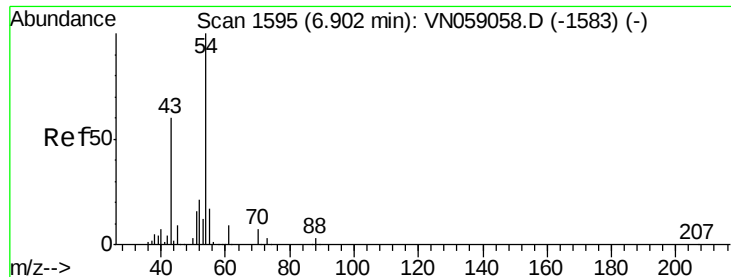
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#36
 1,1-Dichloropropene
 Concen: 49.114 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN059071.D
 Acq: 1 Nov 2019 18:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	361012		
110	33.0	16.9	50.6	
77	30.9	25.0	37.4	





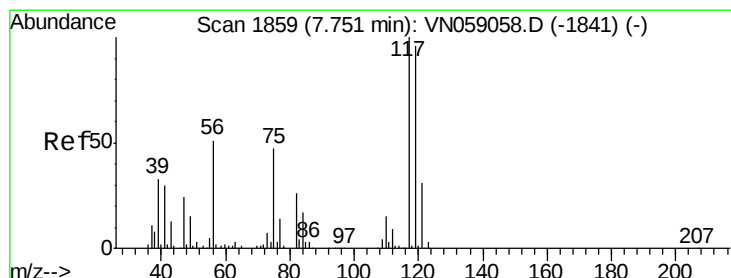
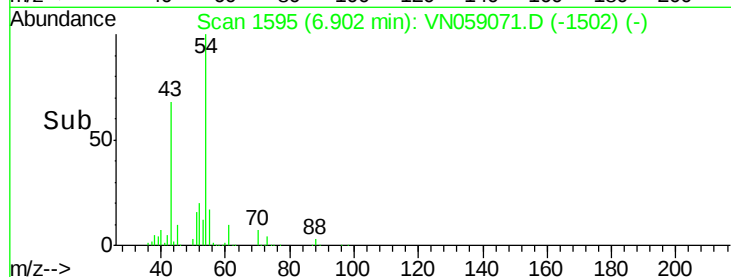
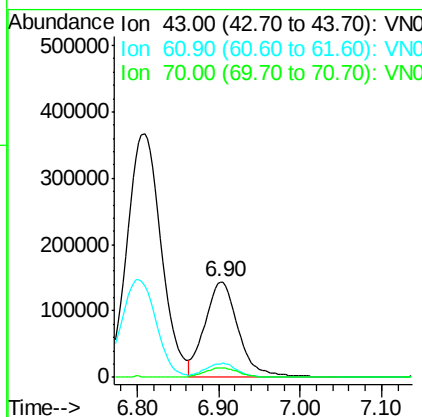
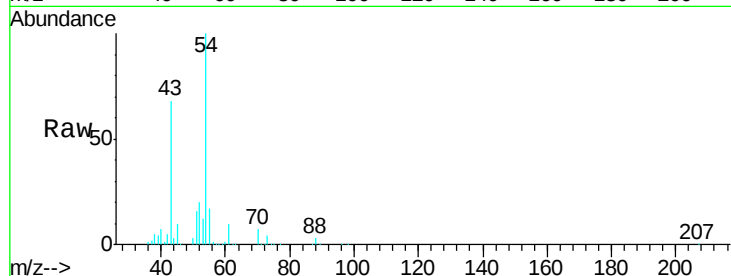
#37
Ethyl Acetate
Concen: 50.262 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.2	16.8
70	10.1	8.0	12.0

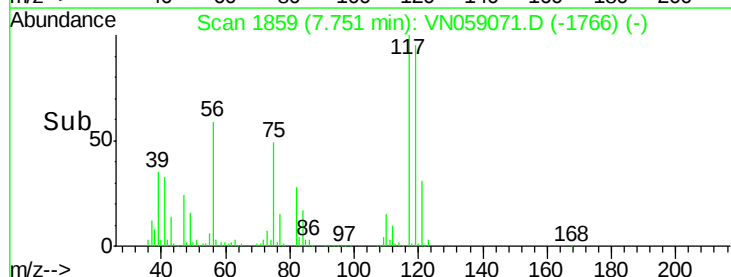
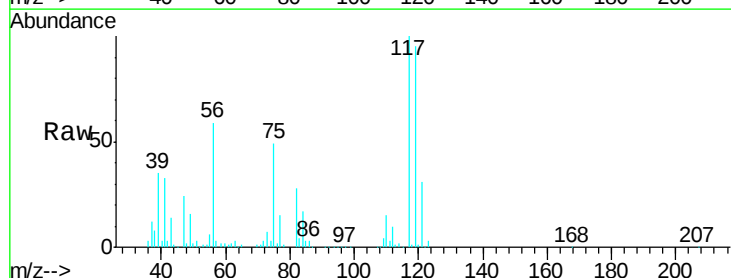
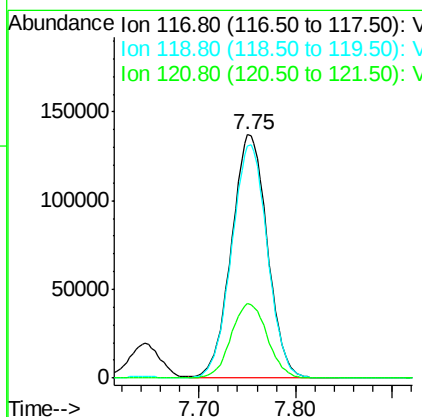
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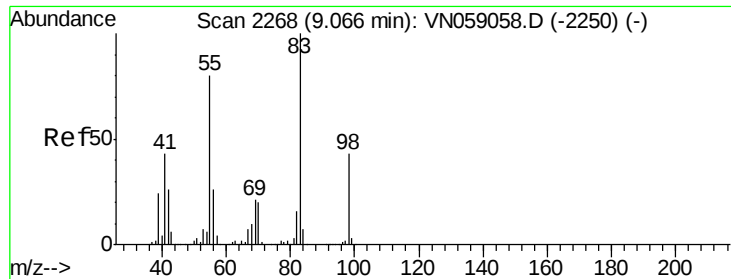
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#38
Carbon Tetrachloride
Concen: 49.289 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.6	114.8
121	30.5	24.6	37.0





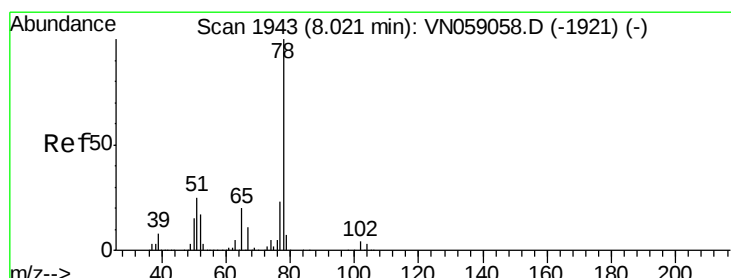
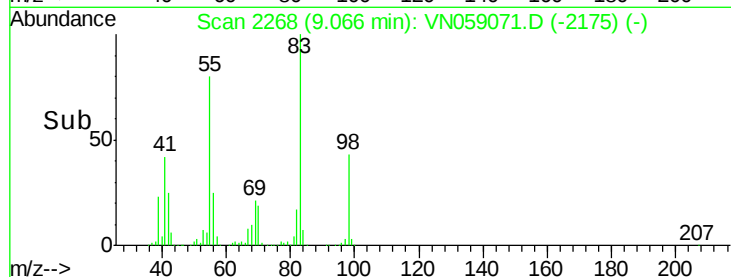
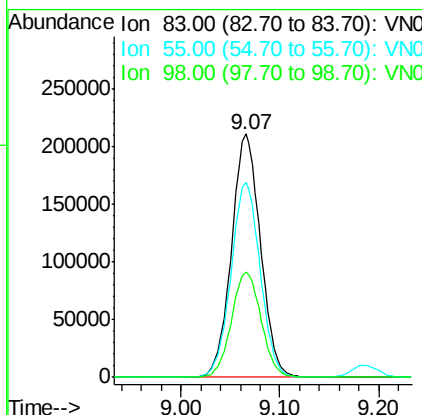
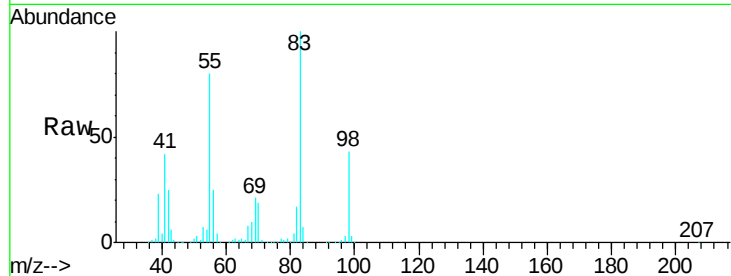
#39
Methylcyclohexane
Concen: 50.696 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	80.0	64.1	96.1
98	43.2	34.3	51.5

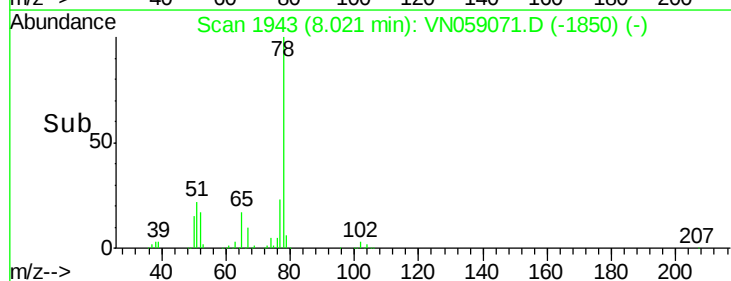
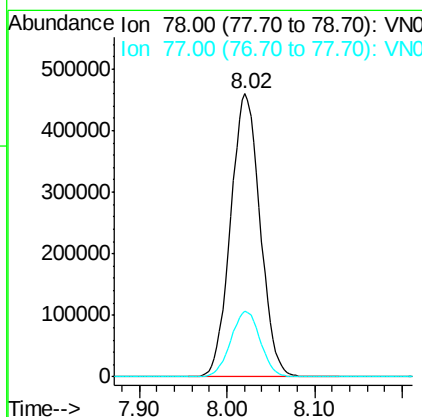
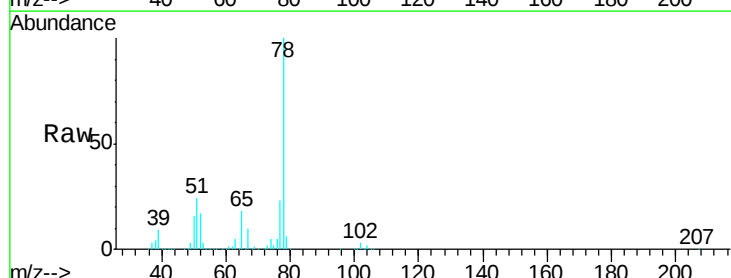
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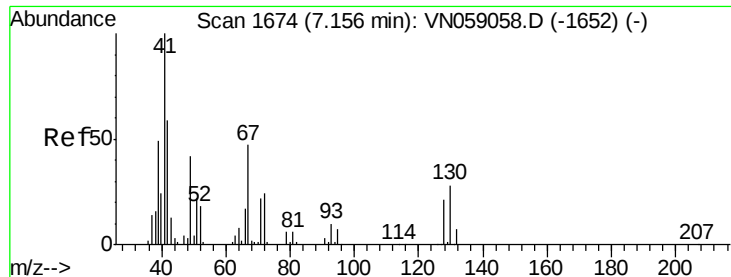
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#40
Benzene
Concen: 49.337 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.6	27.8





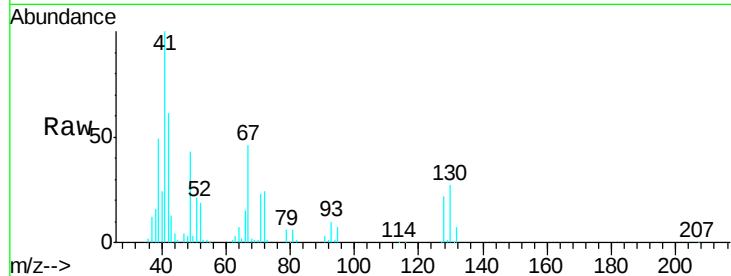
#41
Methacrylonitrile
Concen: 54.363 ug/l m
RT: 7.16 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

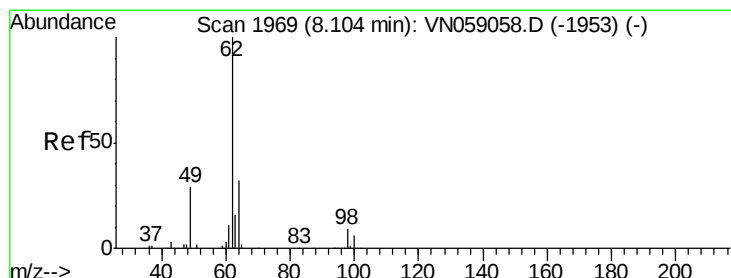
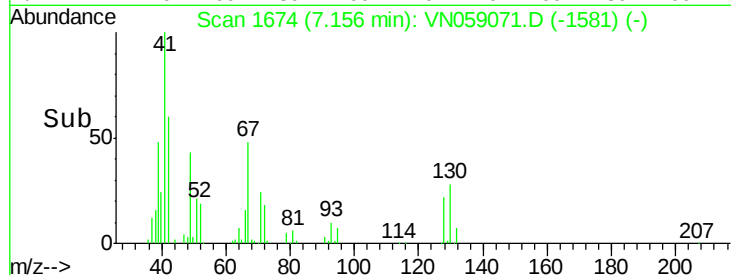
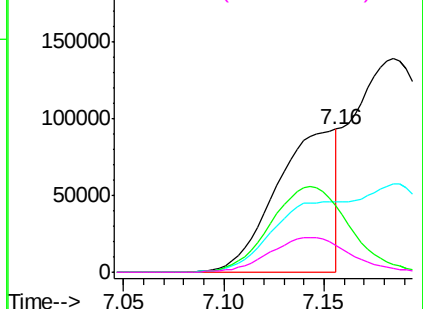
Tgt Ion	Ratio	Lower	Upper
41	100		
39	139.6	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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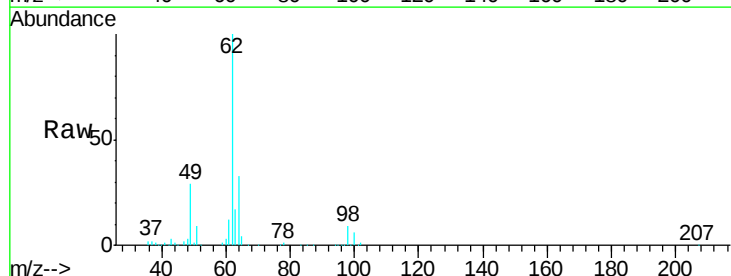


Abundance Ion 41.00 (40.70 to 41.70): VN059071.D (-1581) (-)
Ion 39.00 (38.70 to 39.70): VN059071.D (-1581) (-)
Ion 67.00 (66.70 to 67.70): VN059071.D (-1581) (-)
Ion 52.00 (51.70 to 52.70): VN059071.D (-1581) (-)

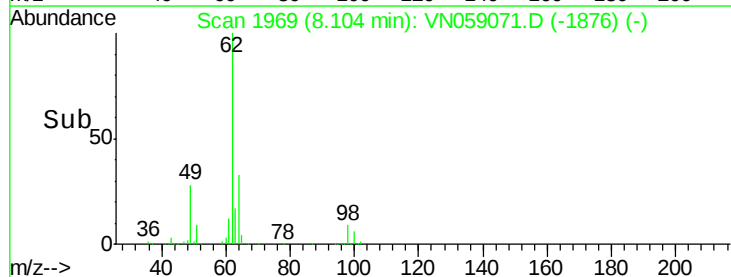
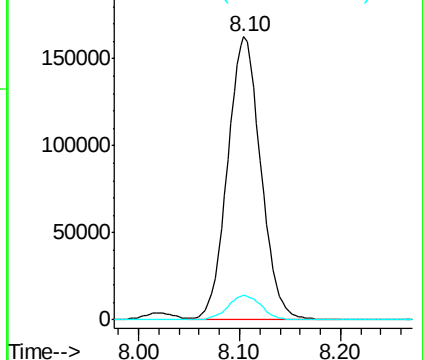


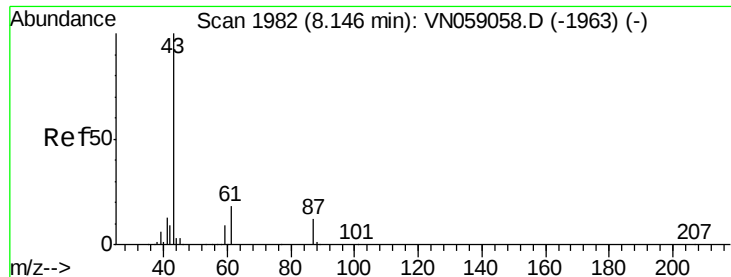
#42
1,2-Dichloroethane
Concen: 49.192 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.0



Abundance Ion 61.90 (61.60 to 62.60): VN059071.D (-1876) (-)
Ion 97.90 (97.60 to 98.60): VN059071.D (-1876) (-)





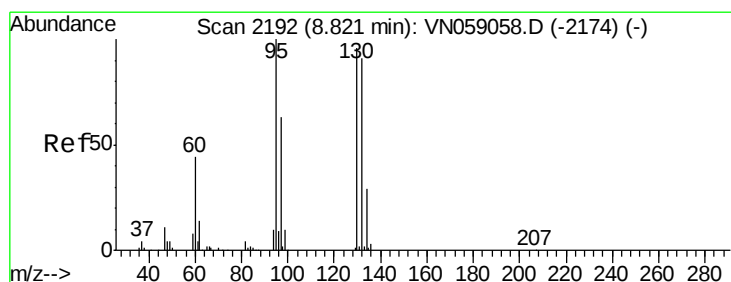
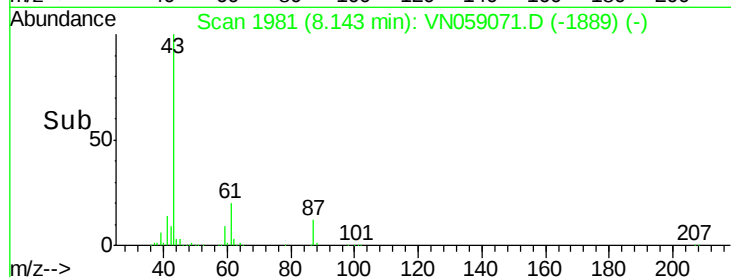
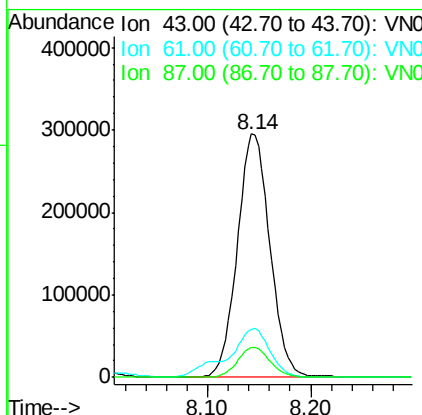
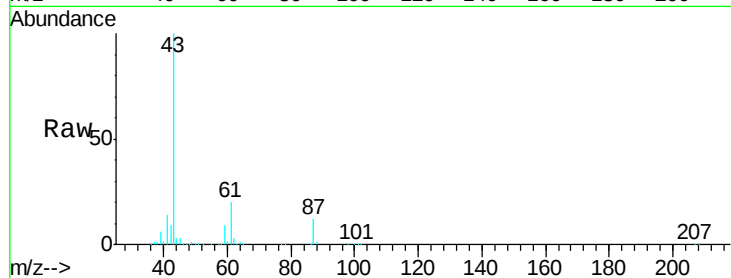
#43
Isopropyl Acetate
Concen: 50.638 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	25.7	20.5	30.7
87	12.3	9.8	14.8

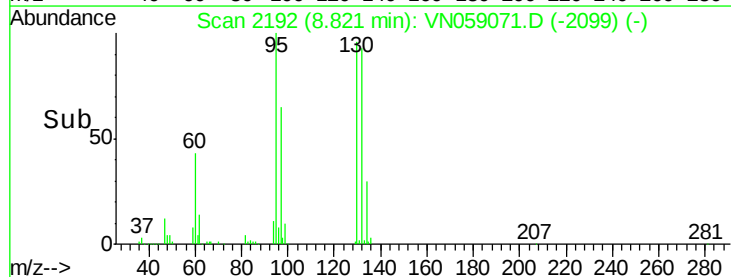
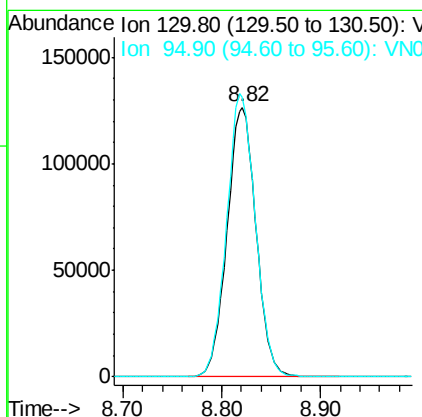
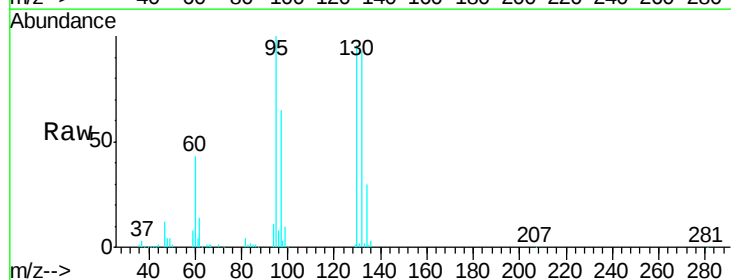
Manual Integrations
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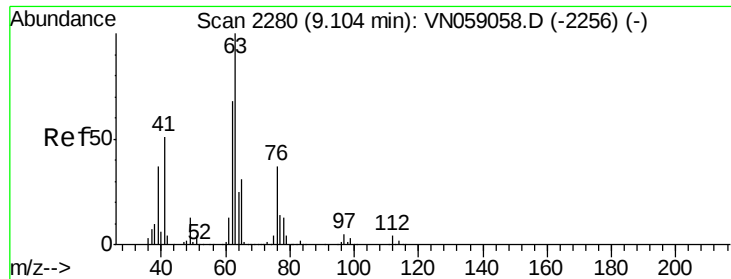
MMDadoda
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#44
Trichloroethene
Concen: 48.394 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. -0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.6	0.0	207.6





#45

1,2-Dichloropropane

Concen: 49.656 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. 0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 292948

Ion Ratio Lower Upper

63 100

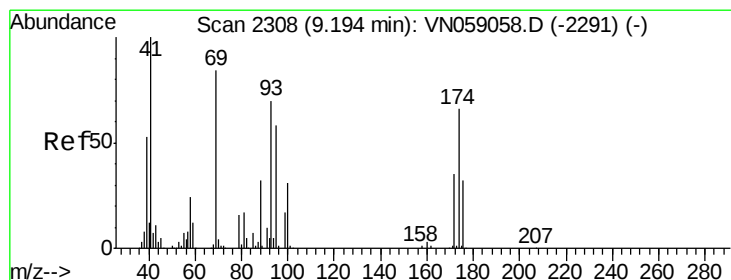
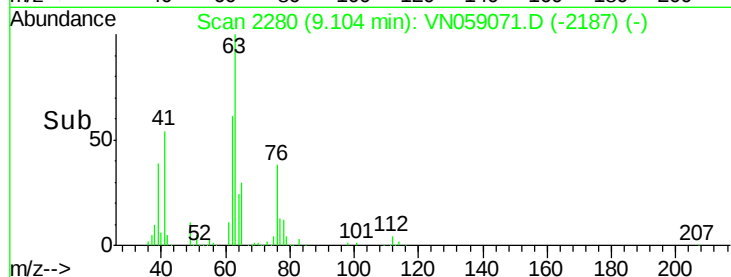
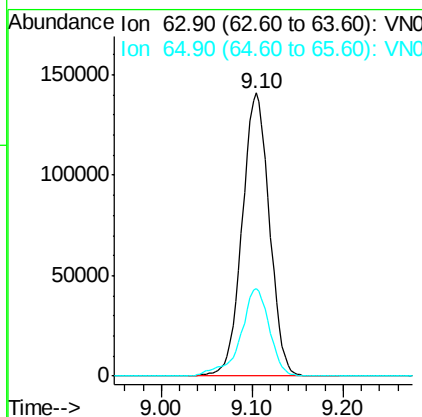
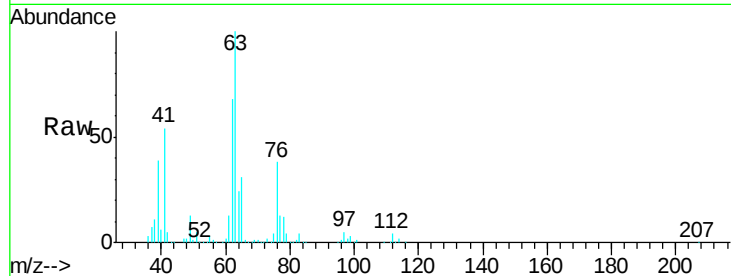
65 31.0 25.0 37.6

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#46

Dibromomethane

Concen: 49.251 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

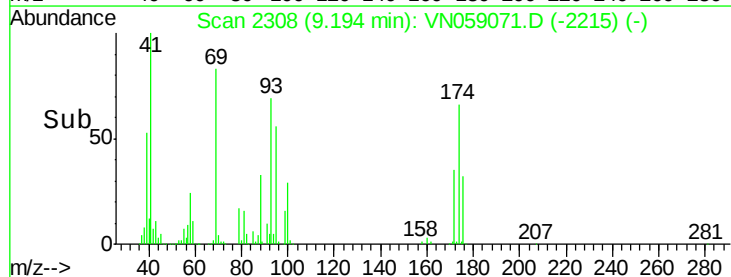
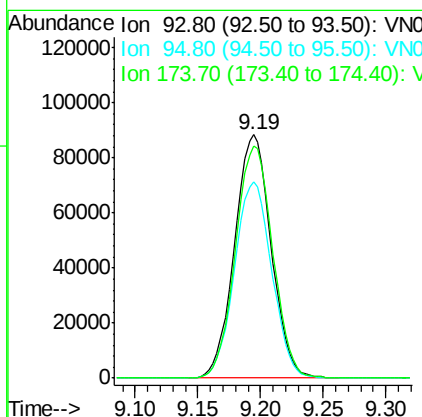
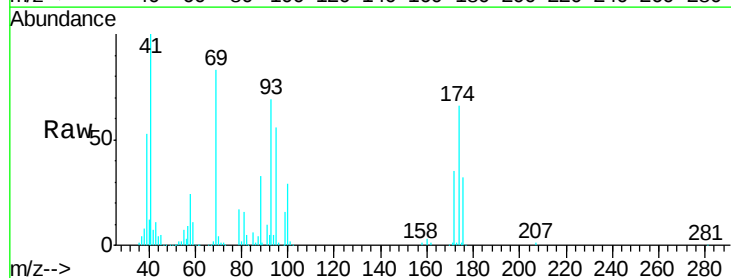
Tgt Ion: 93 Resp: 179579

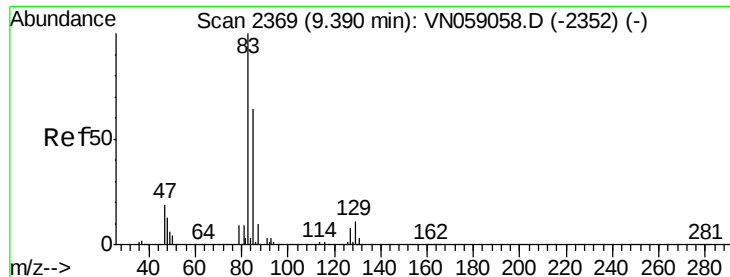
Ion Ratio Lower Upper

93 100

95 82.0 67.2 100.8

174 97.2 78.3 117.5





#47

Bromodichloromethane

Concen: 49.608 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Instrument :

MSVOA_N

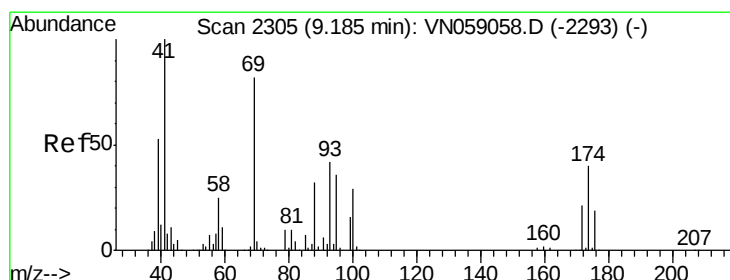
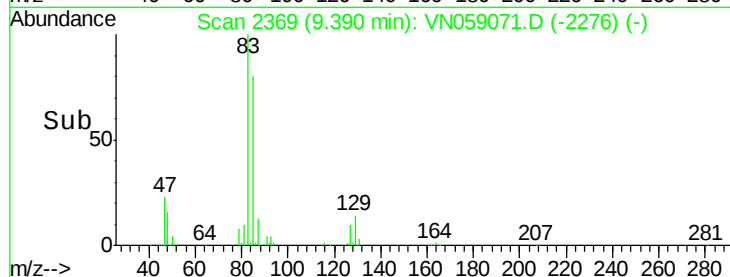
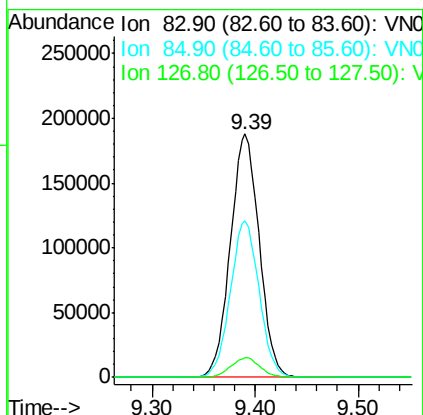
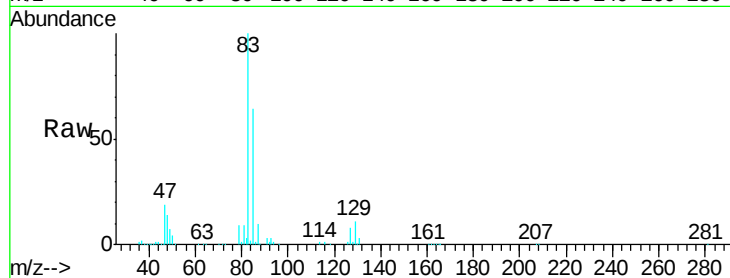
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	366320
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.2	76.8
127	8.0	6.5	9.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.499 ug/l

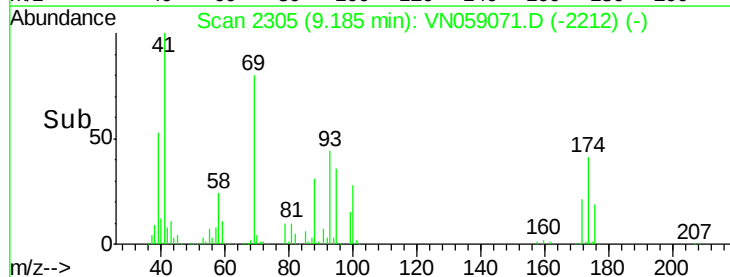
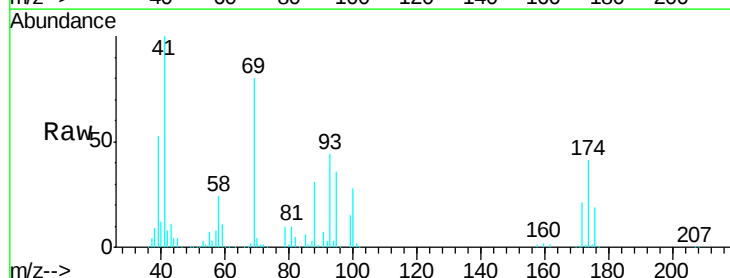
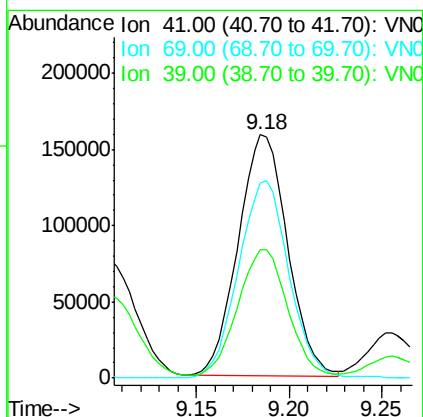
RT: 9.18 min Scan# 2305

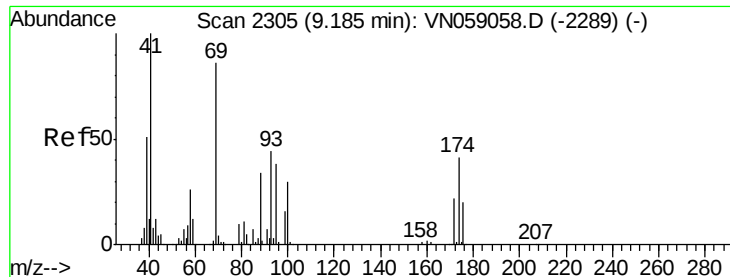
Delta R.T. 0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Tgt Ion:	41	Resp:	294081
Ion	Ratio	Lower	Upper
41	100		
69	83.9	67.1	100.7
39	54.4	43.3	64.9





#49

1,4-Dioxane

Concen: 1109.718 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Instrument :

MSVOA_N

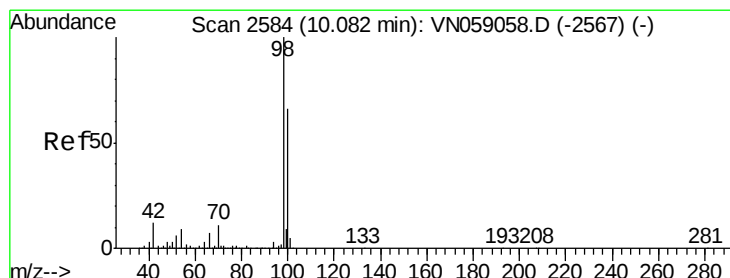
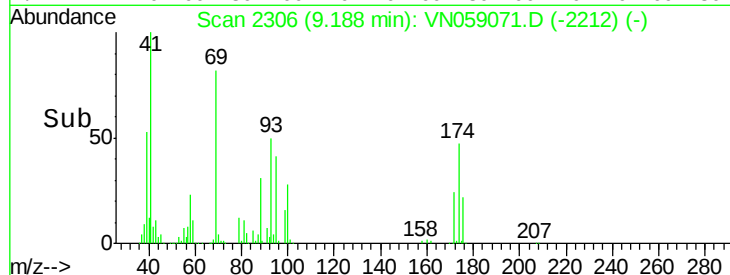
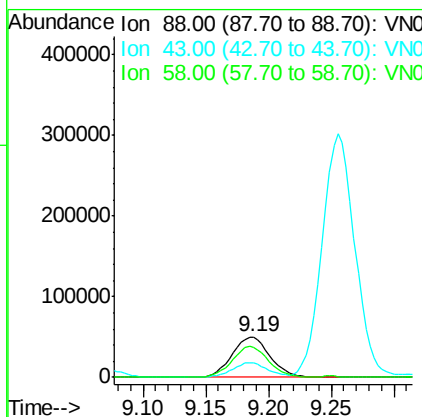
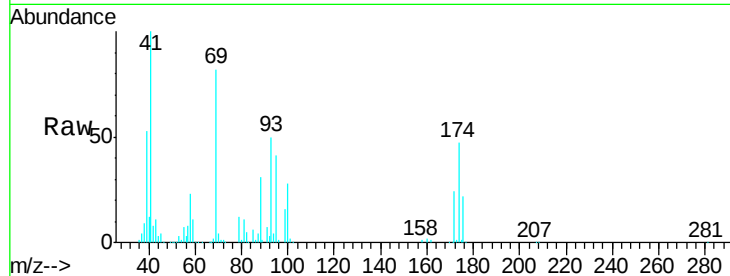
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	88	Resp:	105417
Ion Ratio	Lower	Upper	
88	100		
43	33.6	26.2	39.2
58	73.2	59.1	88.7

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#50

Toluene-d8

Concen: 48.542 ug/l

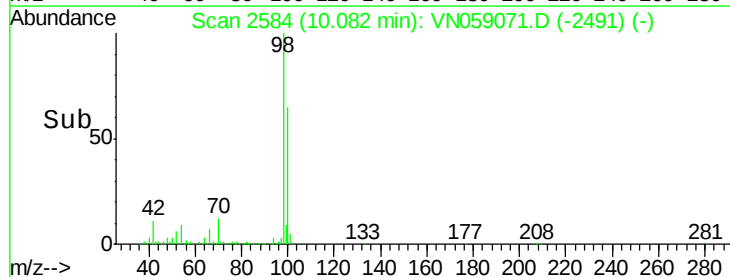
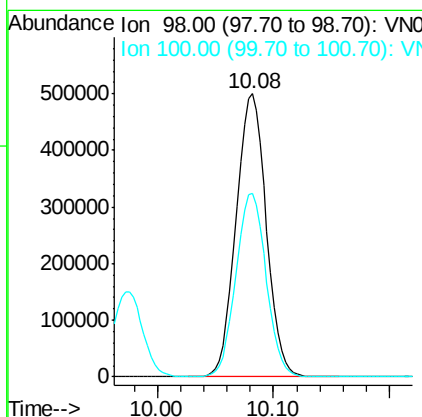
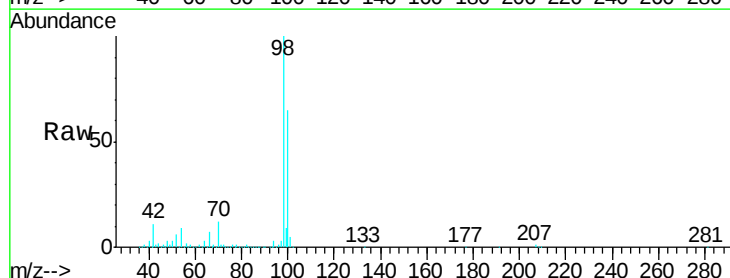
RT: 10.08 min Scan# 2584

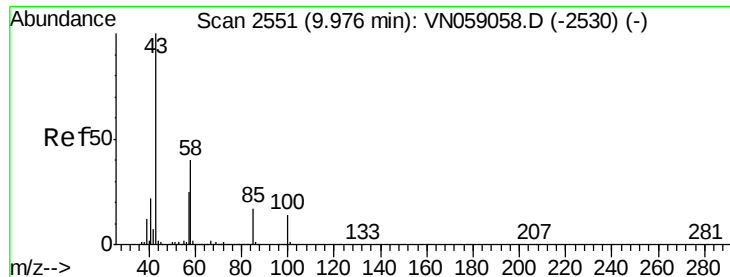
Delta R.T. -0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Tgt Ion:	98	Resp:	901693
Ion Ratio	Lower	Upper	
98	100		
100	65.1	51.7	77.5





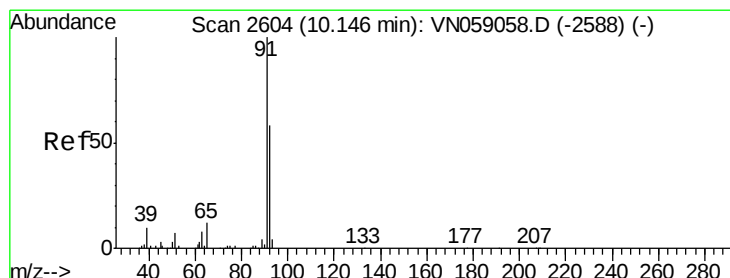
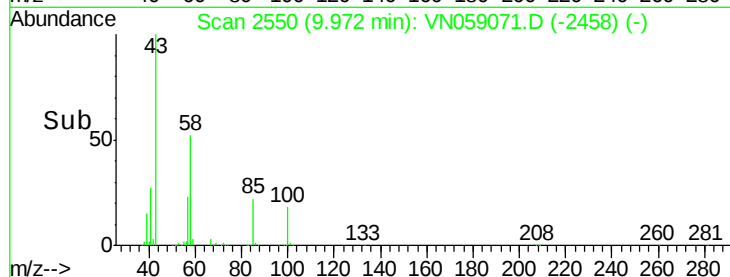
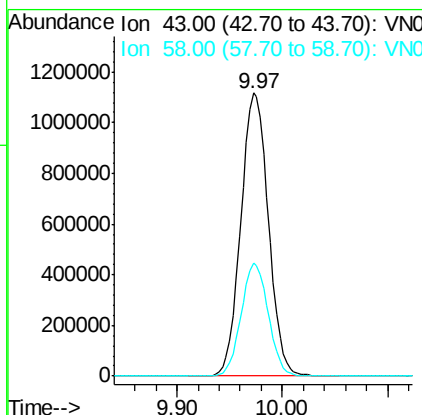
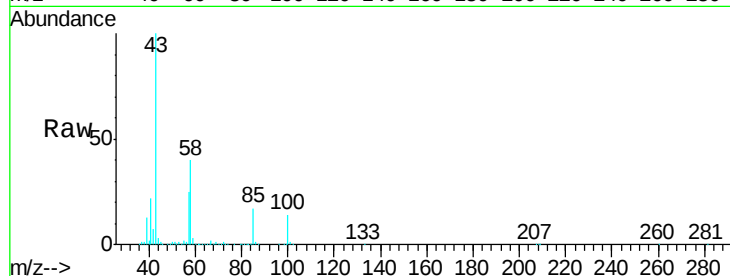
#51
 4-Methyl-2-Pentanone
 Concen: 273.328 ug/l
 RT: 9.97 min Scan# 2550
 Delta R.T. -0.00 min
 Lab File: VN059071.D
 Acq: 1 Nov 2019 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2027939
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.8 47.6

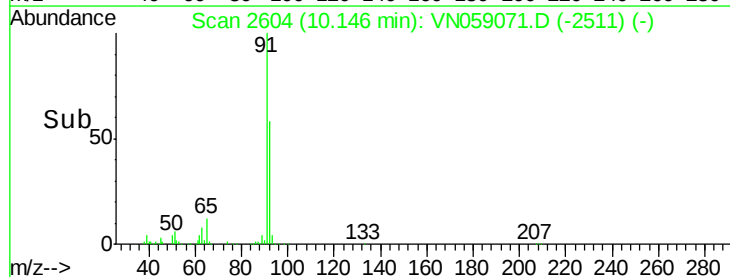
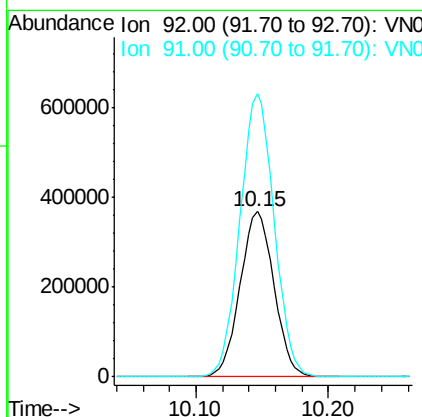
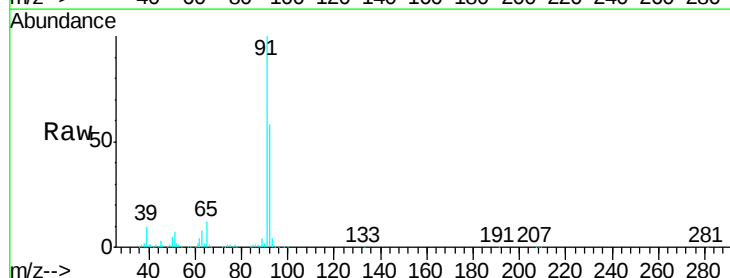
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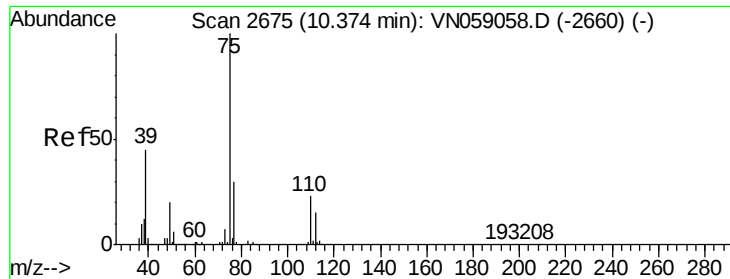
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#52
 Toluene
 Concen: 51.312 ug/l
 RT: 10.15 min Scan# 2604
 Delta R.T. -0.00 min
 Lab File: VN059071.D
 Acq: 1 Nov 2019 18:32

Tgt Ion: 92 Resp: 655861
 Ion Ratio Lower Upper
 92 100
 91 172.4 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 49.303 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 420983

Ion Ratio Lower Upper

75 100

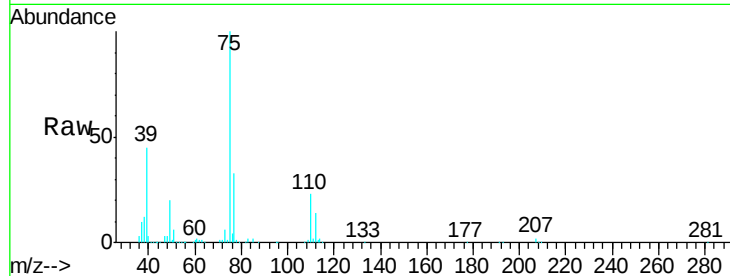
77 32.1 25.6 38.4

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.37

250000

200000

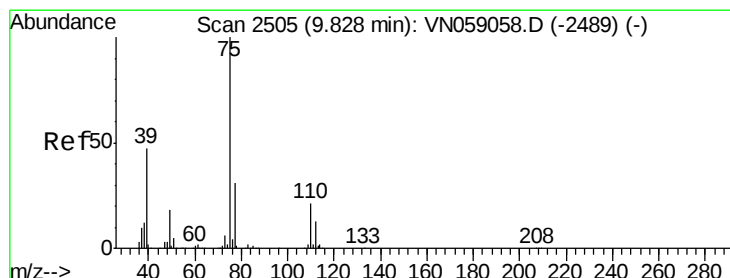
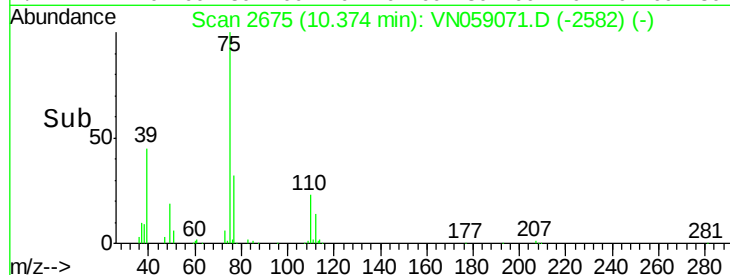
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.775 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

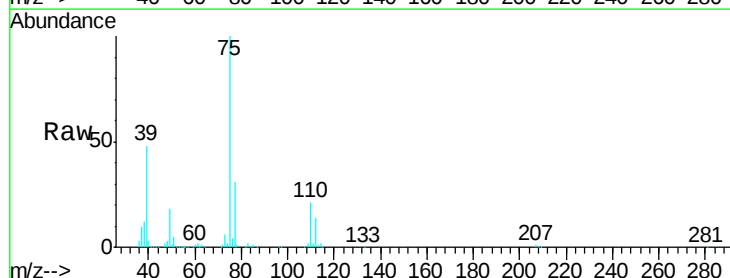
Tgt Ion: 75 Resp: 457300

Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0

39 47.9 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.83

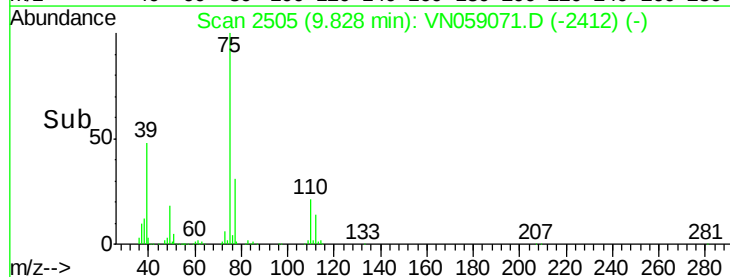
300000

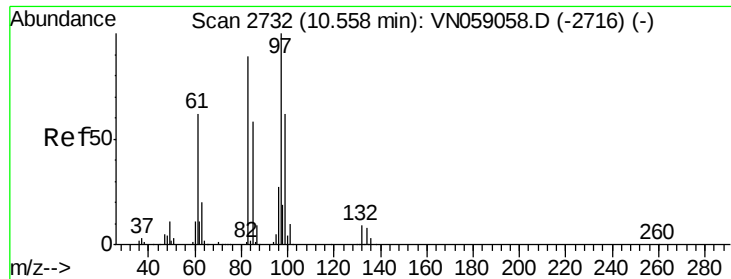
200000

100000

0

Time-->





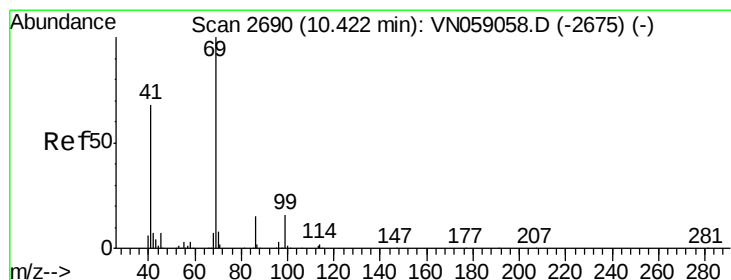
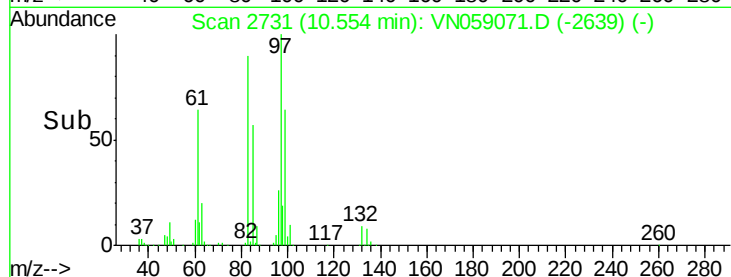
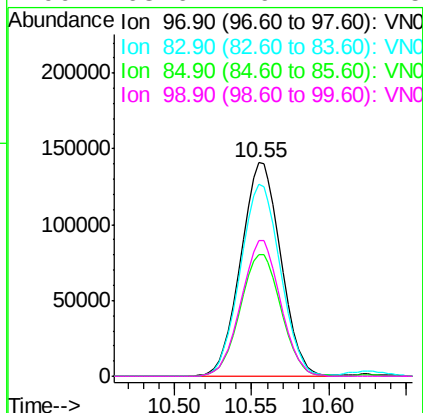
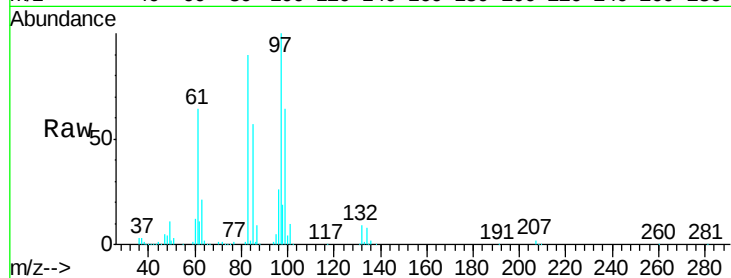
#55
 1,1,2-Trichloroethane
 Concen: 48.904 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059071.D
 Acq: 1 Nov 2019 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.8	71.4	107.2
85	57.0	46.6	70.0
99	63.6	49.7	74.5

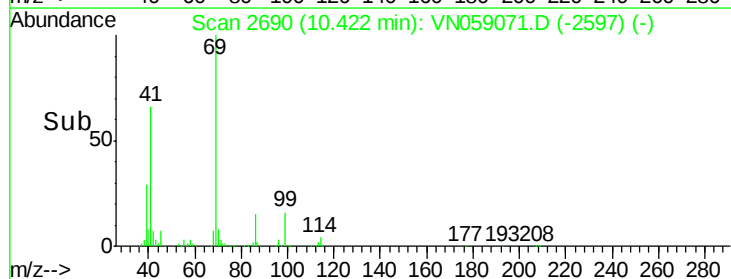
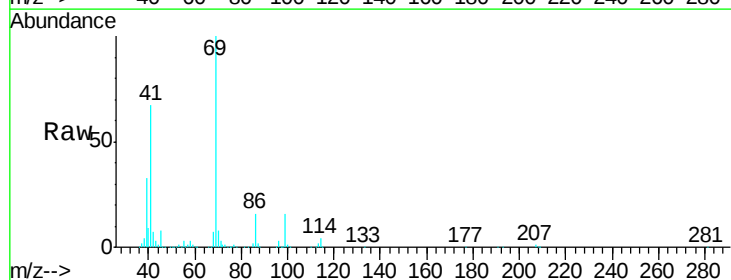
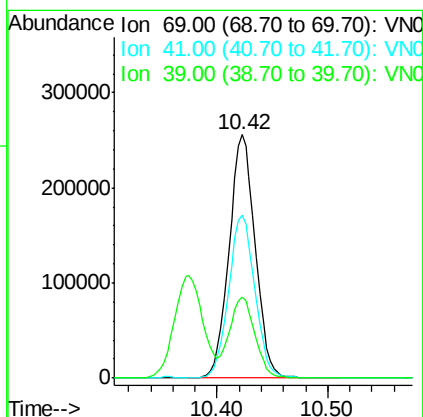
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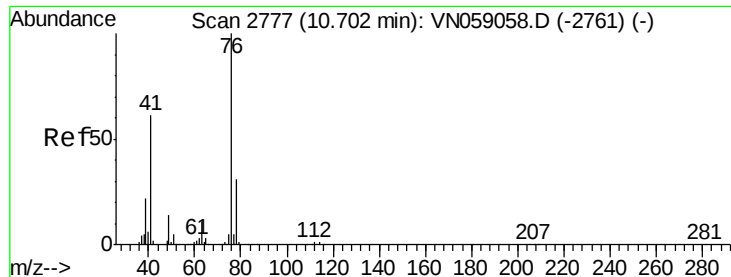
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#56
 Ethyl methacrylate
 Concen: 47.542 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059071.D
 Acq: 1 Nov 2019 18:32

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.9	53.8	80.8
39	32.7	26.2	39.2





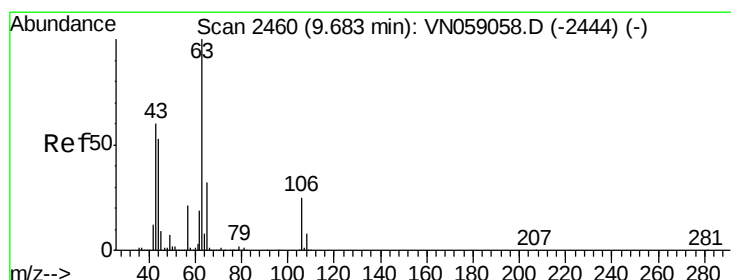
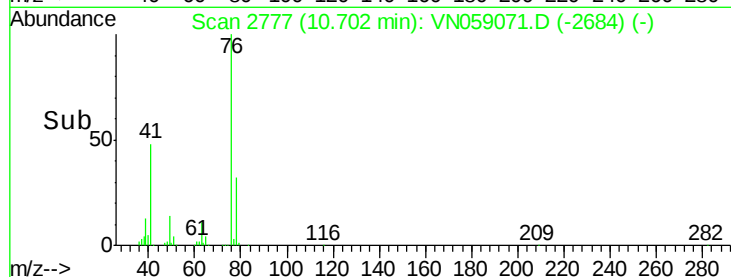
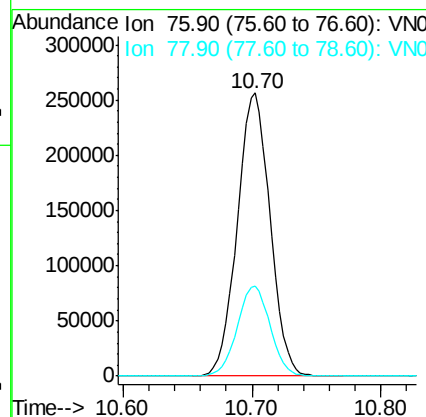
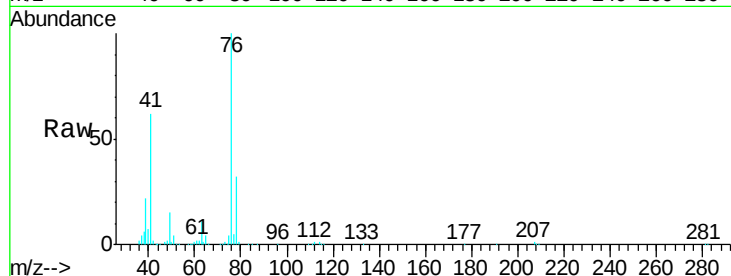
#57
 1,3-Dichloropropane
 Concen: 49.979 ug/l
 RT: 10.70 min Scan# 2777
 Delta R.T. -0.00 min
 Lab File: VN059071.D
 Acq: 1 Nov 2019 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 452567
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6

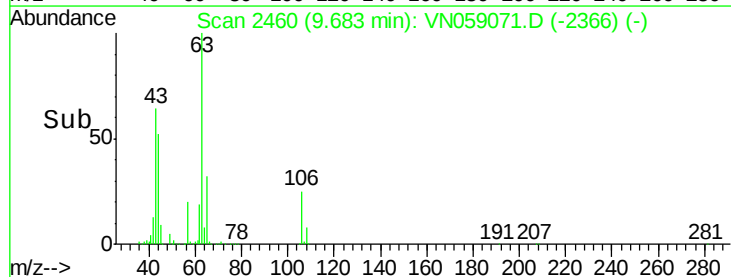
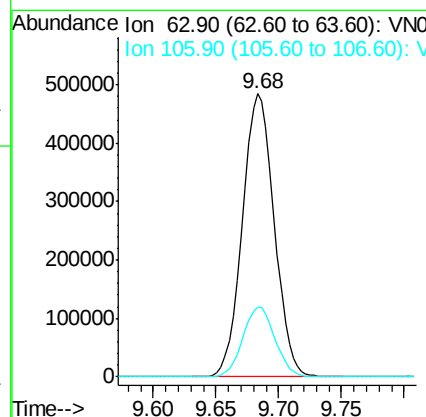
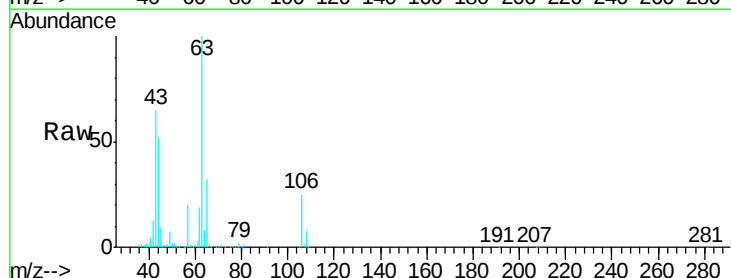
Manual Integrations
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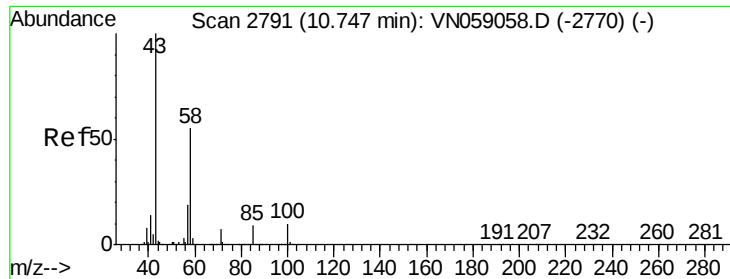
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#58
 2-Chloroethyl Vinyl ether
 Concen: 249.321 ug/l
 RT: 9.68 min Scan# 2460
 Delta R.T. 0.00 min
 Lab File: VN059071.D
 Acq: 1 Nov 2019 18:32

Tgt Ion: 63 Resp: 854224
 Ion Ratio Lower Upper
 63 100
 106 25.0 19.8 29.6





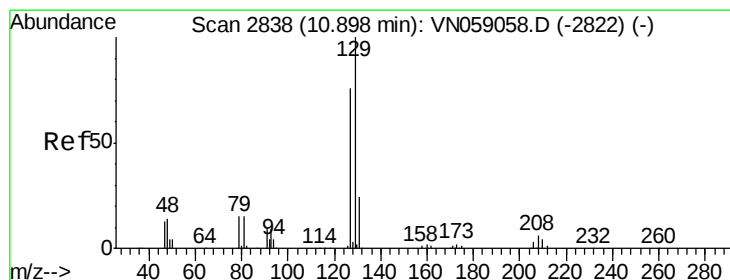
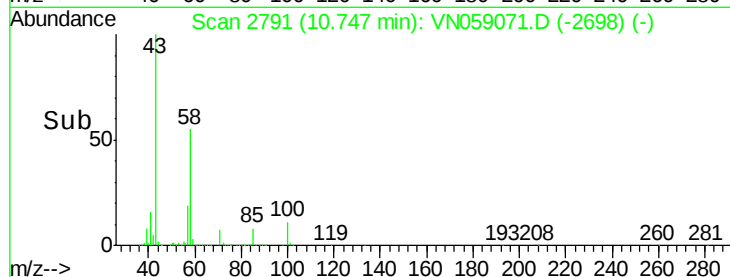
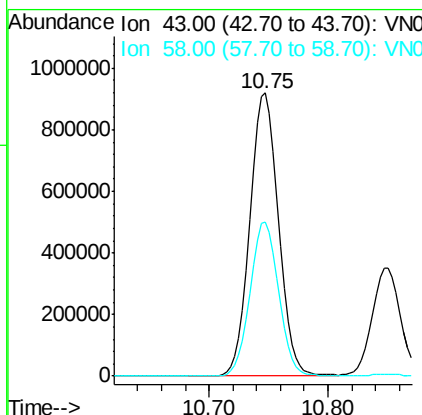
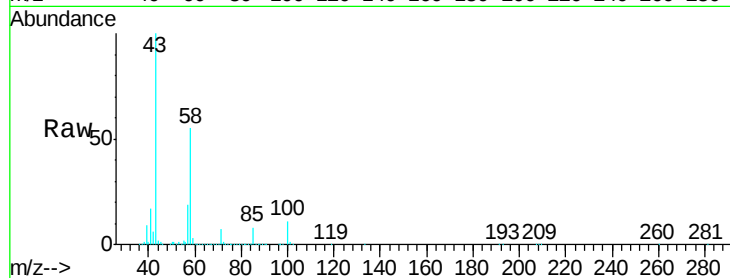
#59
2-Hexanone
Concen: 271.940 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. -0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1532796
Ion Ratio Lower Upper
43 100
58 54.4 27.4 82.2

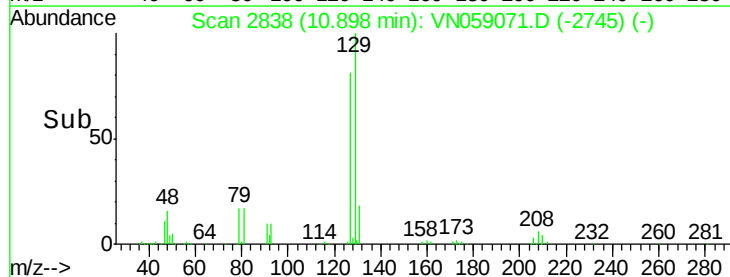
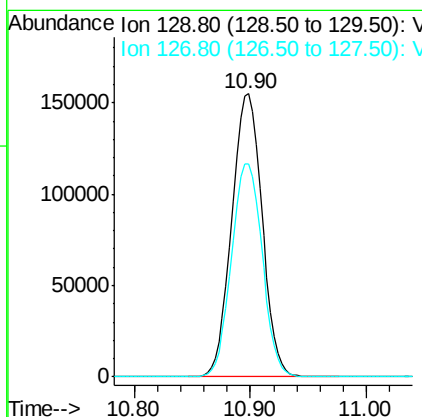
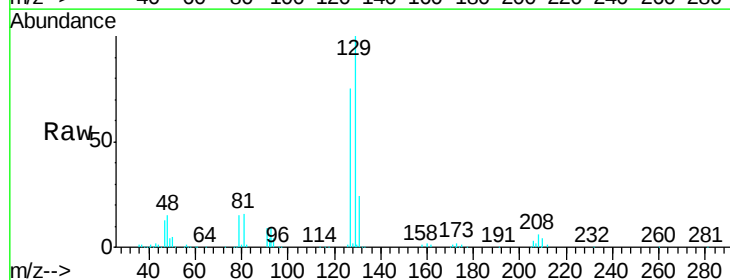
Manual Integrations
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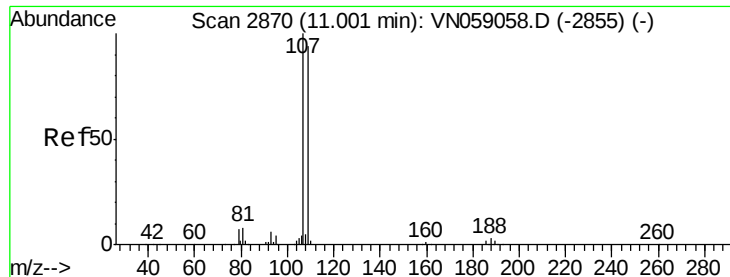
MMDadoda
11/5/2019 1:59:42 PM



#60
Dibromochloromethane
Concen: 49.912 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Tgt Ion: 129 Resp: 280069
Ion Ratio Lower Upper
129 100
127 76.3 38.3 114.8





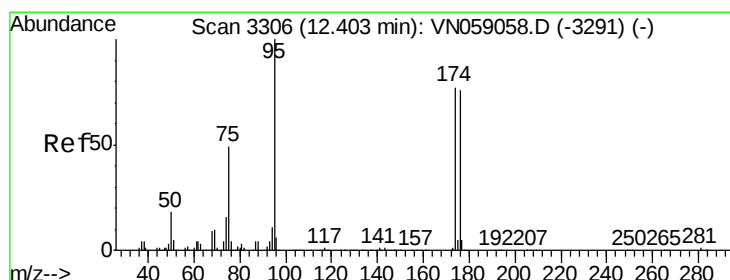
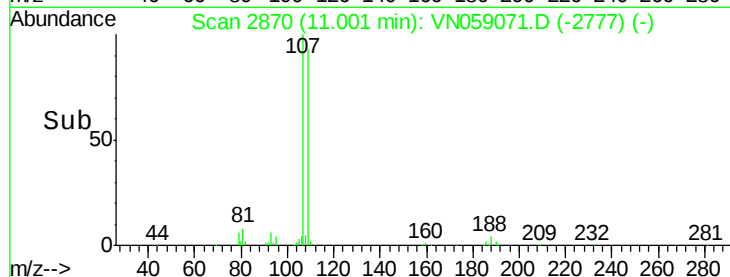
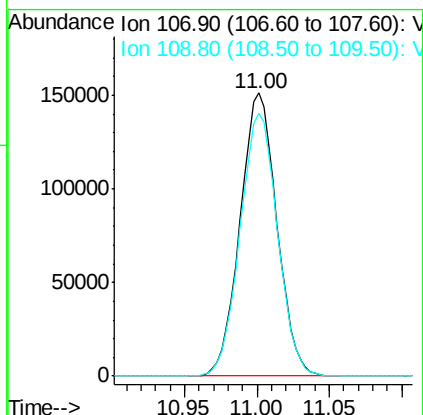
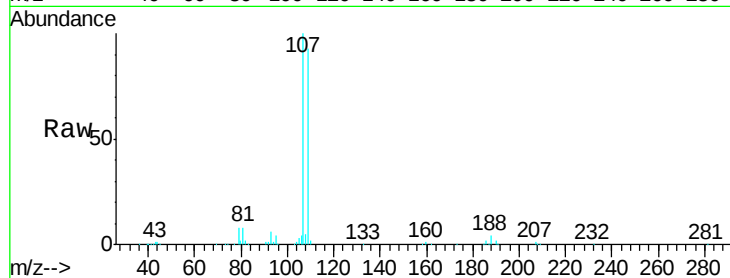
#61
 1,2-Dibromoethane
 Concen: 50.536 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059071.D
 Acq: 1 Nov 2019 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 107 Resp: 266566
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.5 113.3

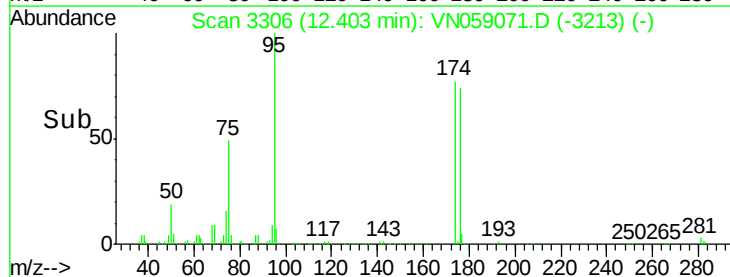
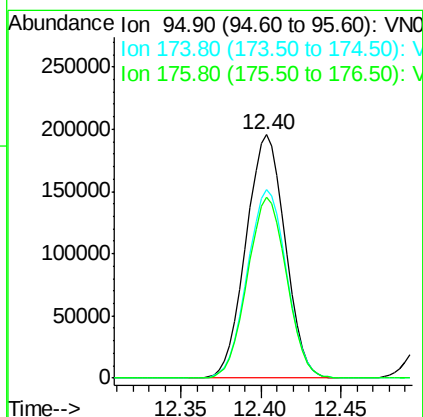
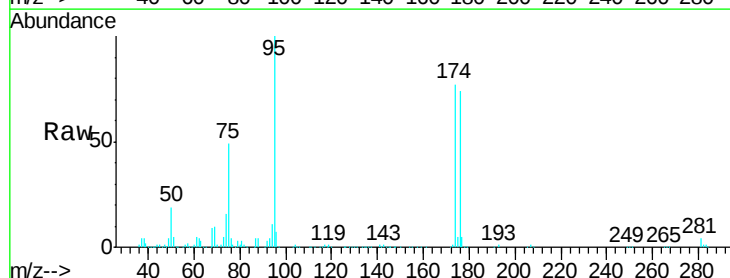
Manual Integrations
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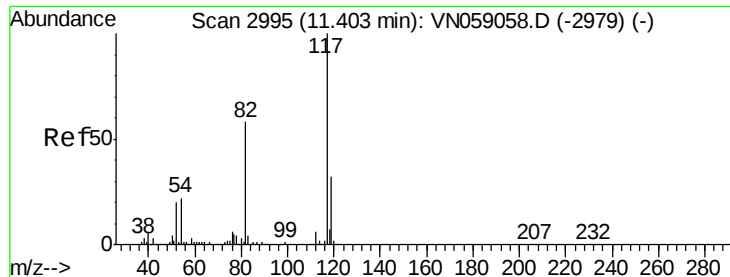
MMDadoda
 11/5/2019 1:59:42 PM



#62
 4-Bromofluorobenzene
 Concen: 49.137 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.00 min
 Lab File: VN059071.D
 Acq: 1 Nov 2019 18:32

Tgt Ion: 95 Resp: 328107
 Ion Ratio Lower Upper
 95 100
 174 77.8 0.0 155.8
 176 74.3 0.0 151.6





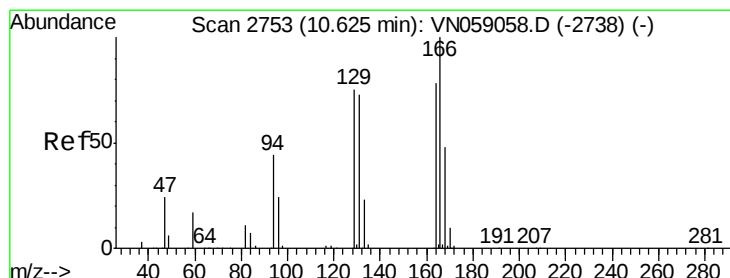
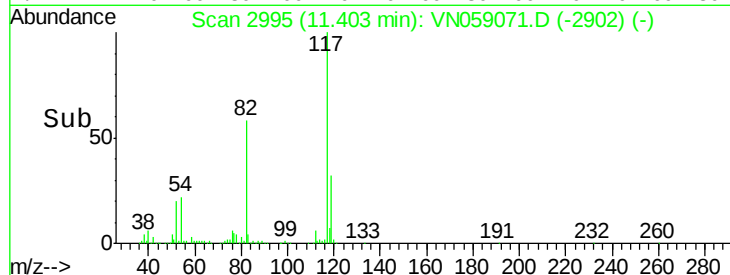
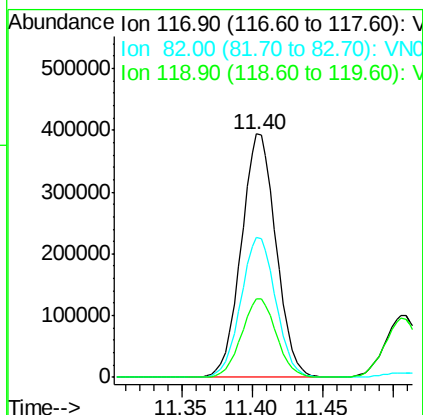
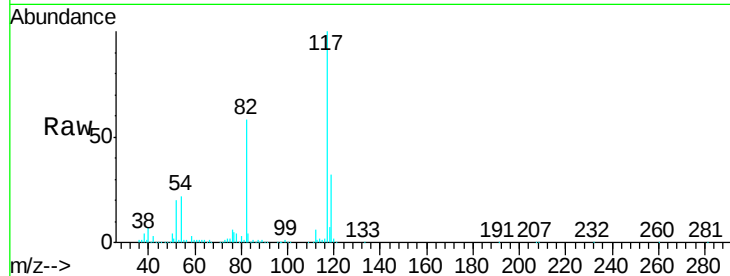
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	679128		
82	57.6	46.0	69.0	
119	32.1	25.6	38.4	

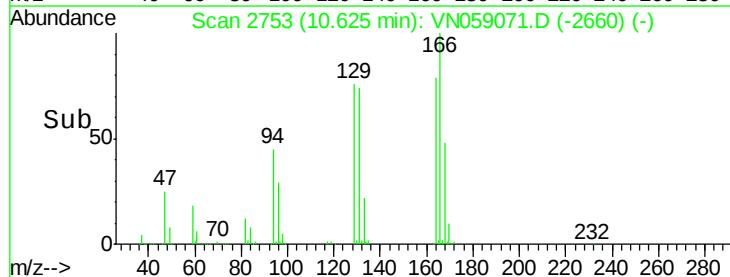
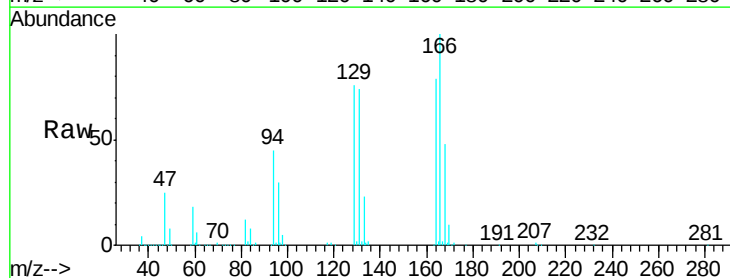
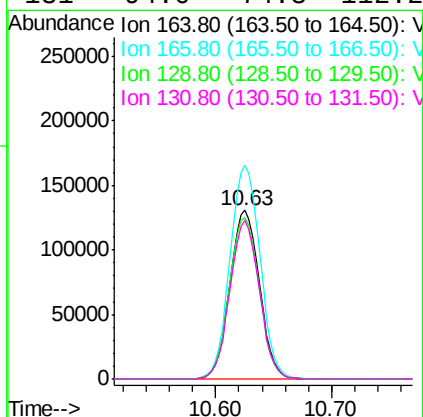
Manual Integrations
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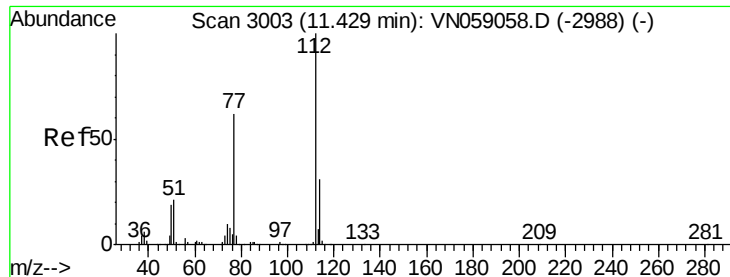
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11/5/2019 1:59:42 PM



#64
Tetrachloroethene
Concen: 48.742 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	231233		
166	126.8	102.7	154.1	
129	95.8	77.3	115.9	
131	94.0	74.8	112.2	





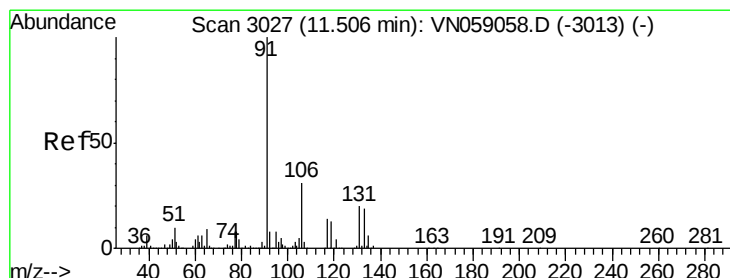
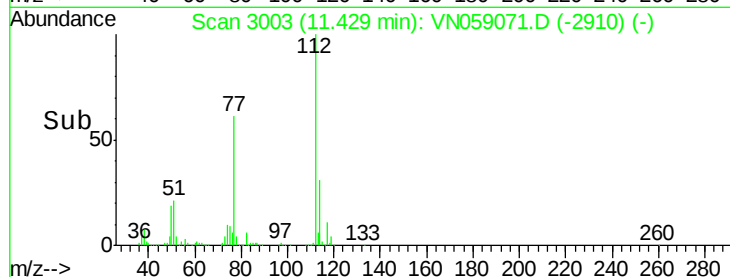
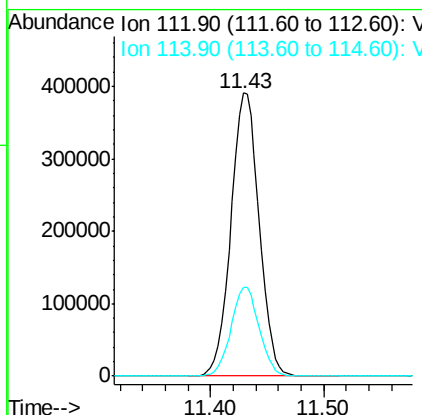
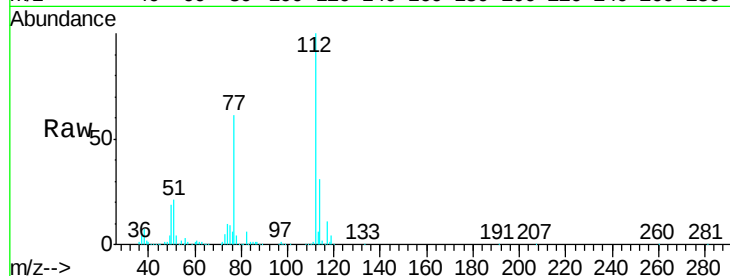
#65
Chlorobenzene
Concen: 48.572 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. 0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 677025
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.6

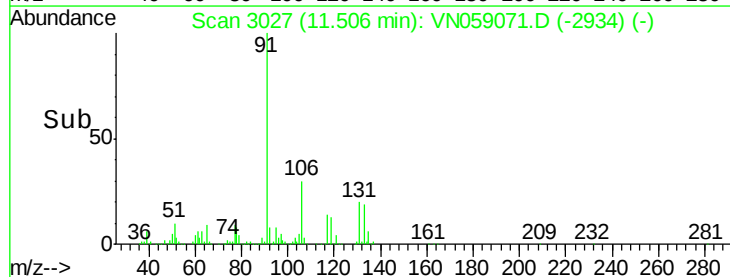
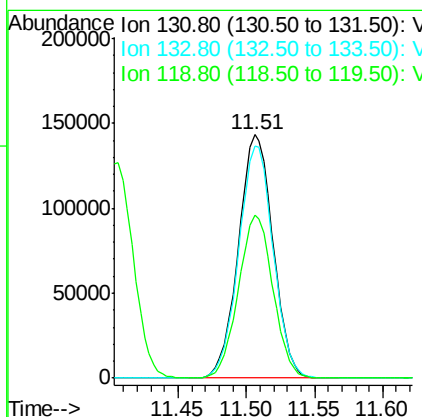
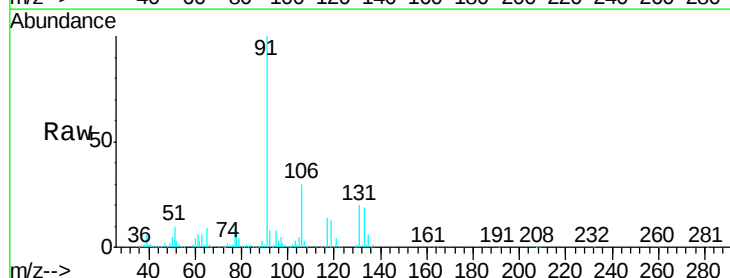
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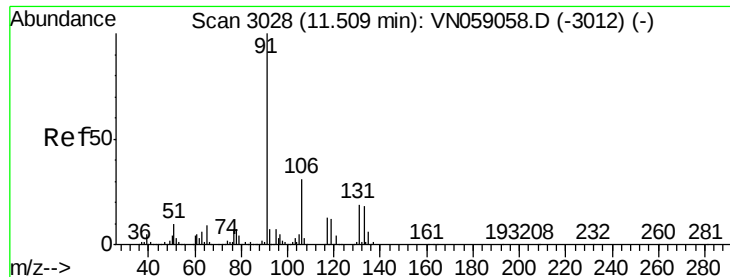
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.173 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Tgt Ion:131 Resp: 252164
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 66.9 33.5 100.5





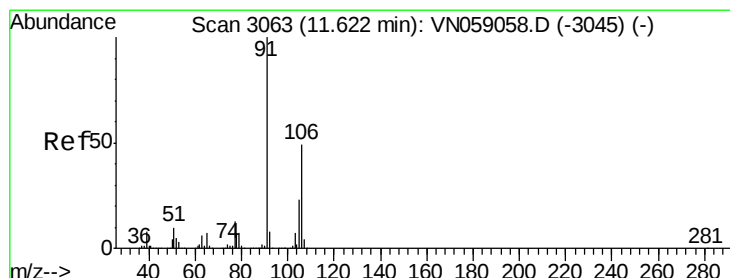
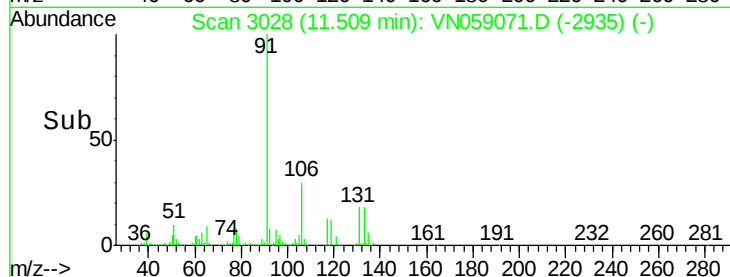
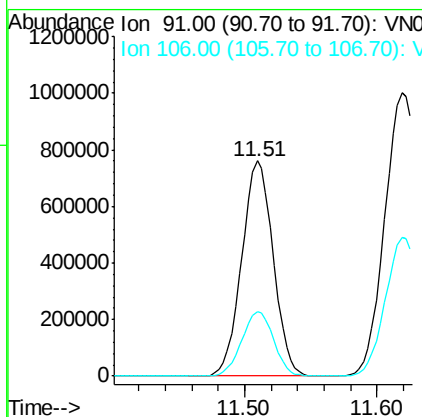
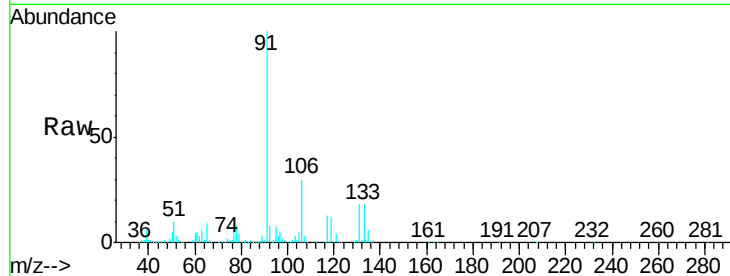
#67
Ethyl Benzene
Concen: 51.938 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1253201
Ion Ratio Lower Upper
91 100
106 30.0 24.6 36.8

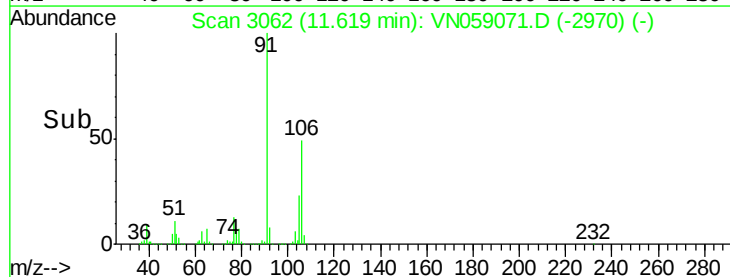
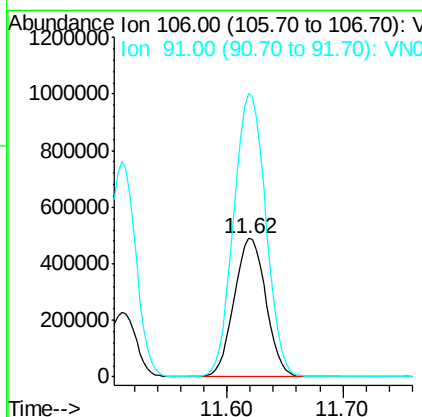
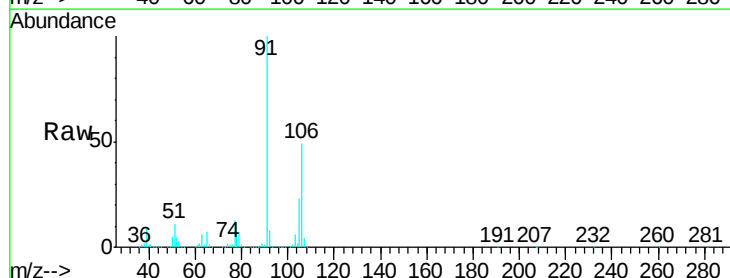
Manual Integrations
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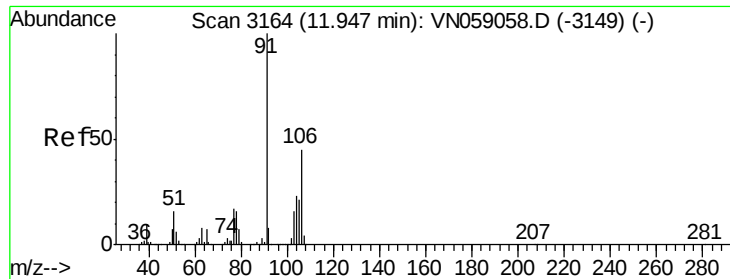
MMDadoda
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#68
m/p-Xylenes
Concen: 103.310 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Tgt Ion: 106 Resp: 930822
Ion Ratio Lower Upper
106 100
91 207.2 165.7 248.5





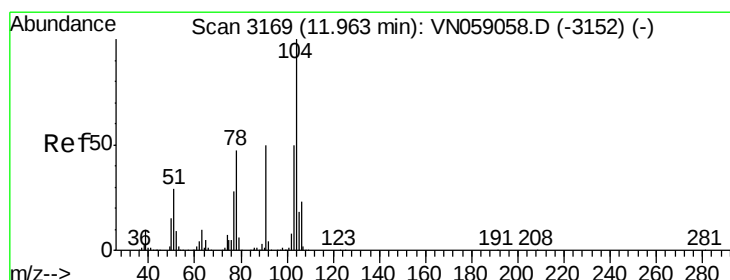
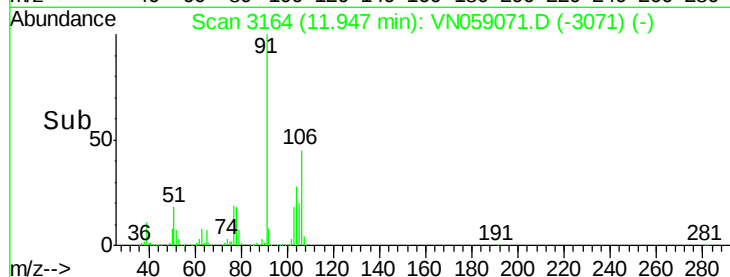
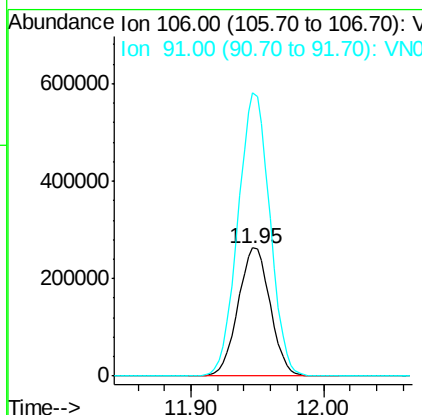
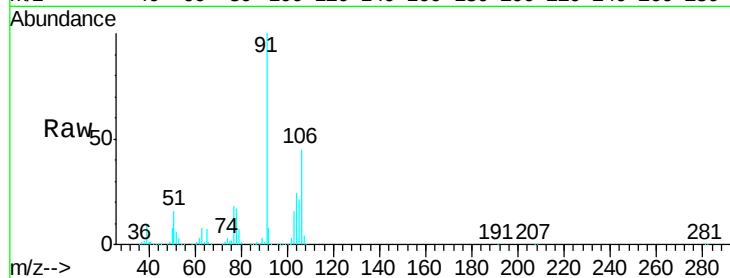
#69
o-Xylene
Concen: 51.326 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 441592
Ion Ratio Lower Upper
106 100
91 219.8 110.4 331.2

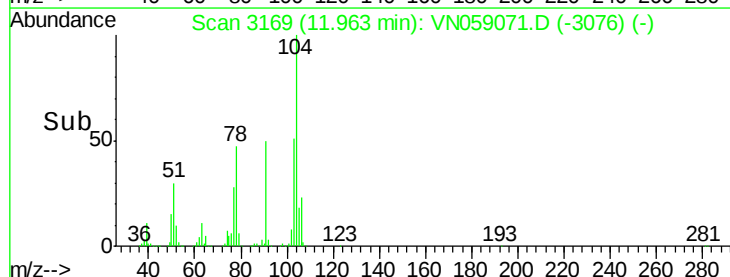
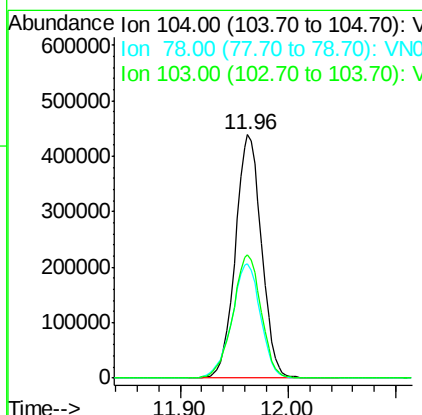
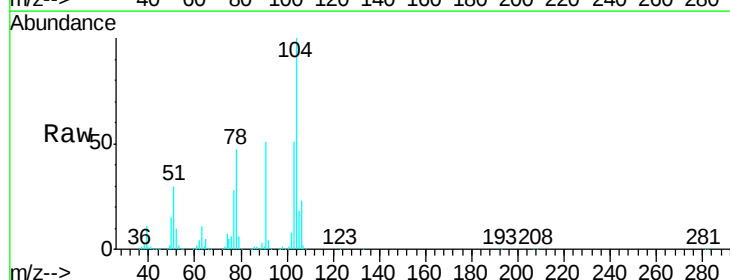
Manual Integrations
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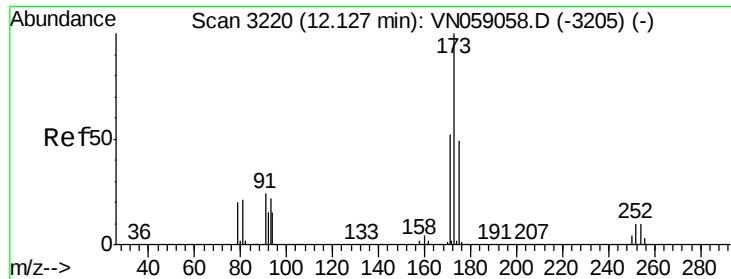
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#70
Styrene
Concen: 53.271 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Tgt Ion:104 Resp: 742721
Ion Ratio Lower Upper
104 100
78 51.5 41.2 61.8
103 54.9 43.9 65.9





#71

Bromoform

Concen: 50.974 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Instrument :

MSVOA_N

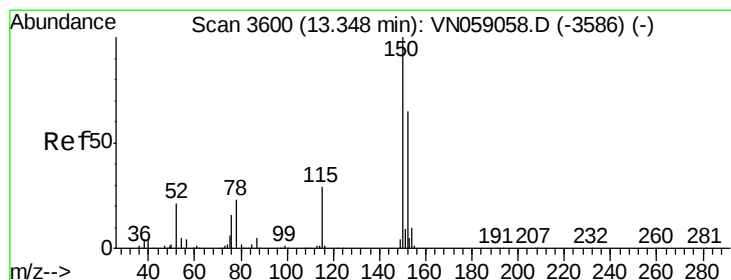
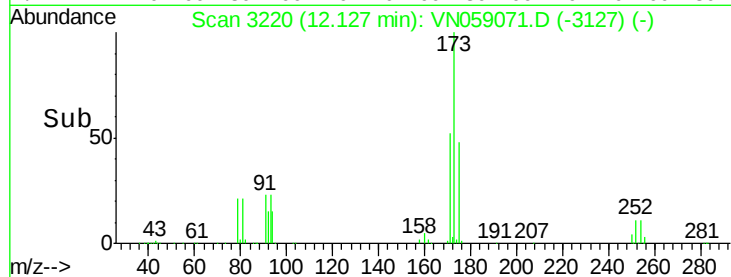
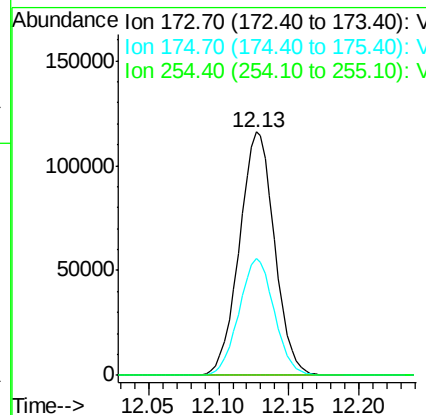
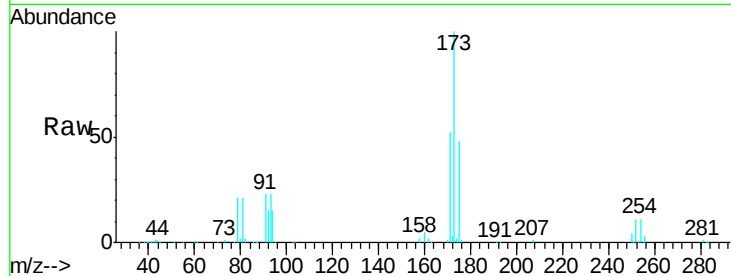
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	173	Resp:	202332
Ion Ratio		Lower	Upper
173	100		
175	48.1	24.4	73.2
254	0.1	0.1	0.1

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

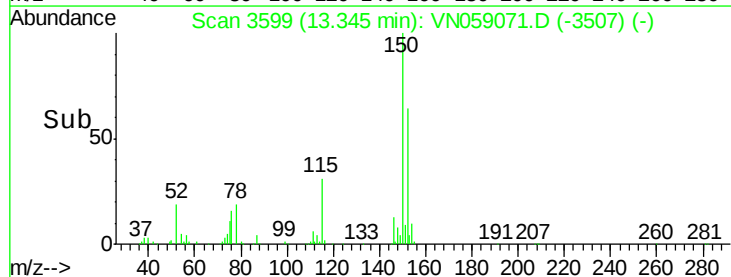
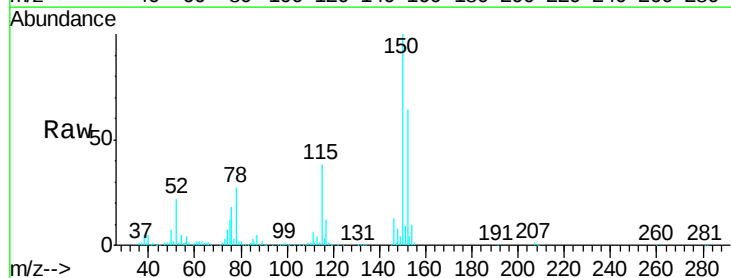
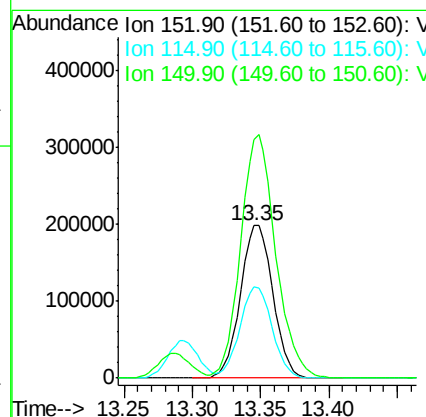
RT: 13.35 min Scan# 3599

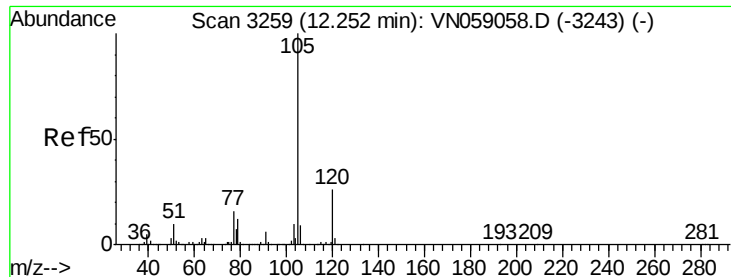
Delta R.T. -0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Tgt Ion:	152	Resp:	327576
Ion Ratio		Lower	Upper
152	100		
115	59.6	29.6	88.9
150	172.2	0.0	345.8





#73

Isopropylbenzene

Concen: 50.048 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 1206112

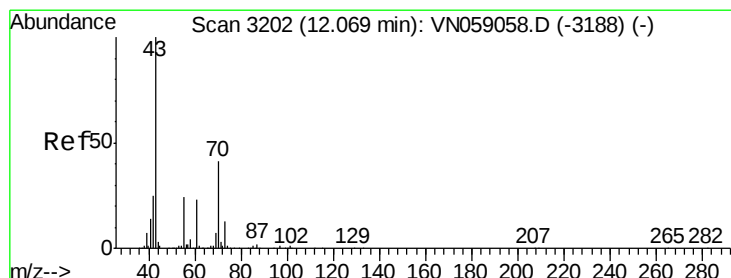
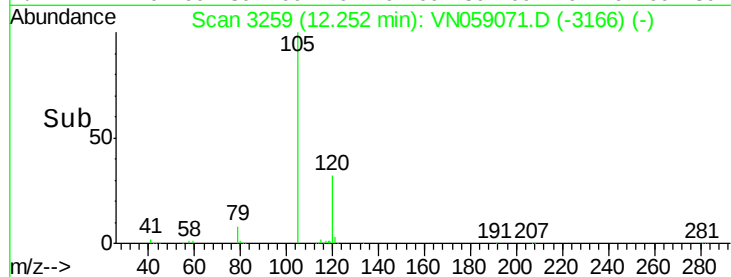
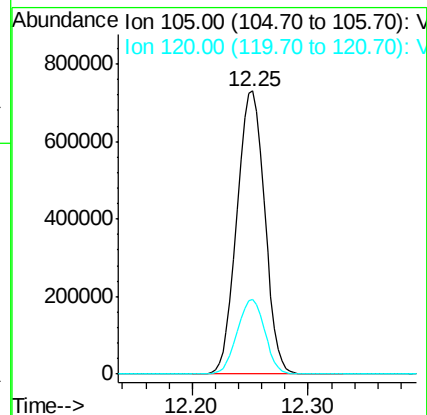
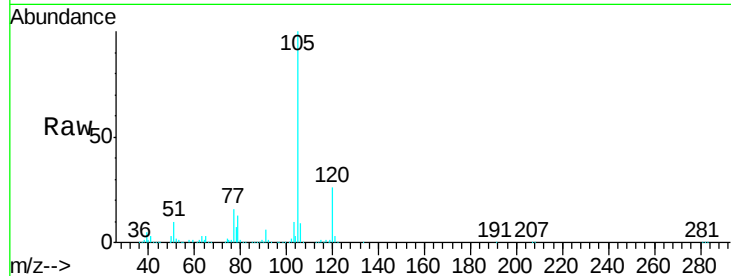
Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.1

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#74

N-ethyl acetate

Concen: 51.394 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Tgt Ion: 43 Resp: 550946

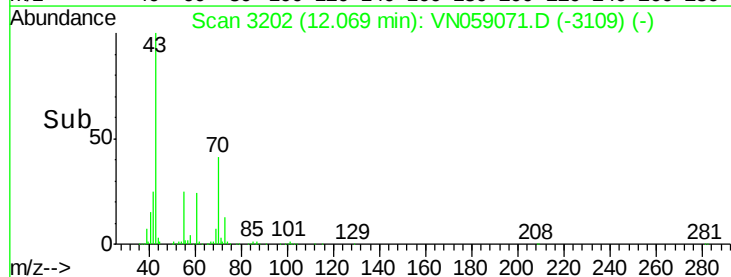
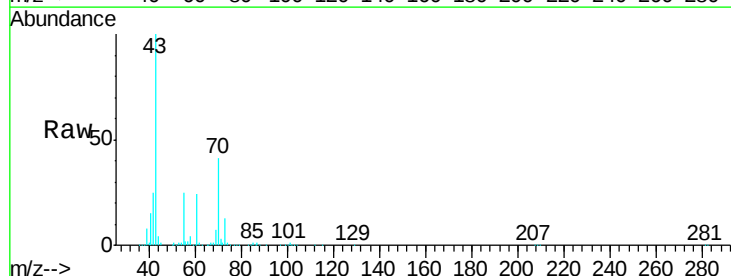
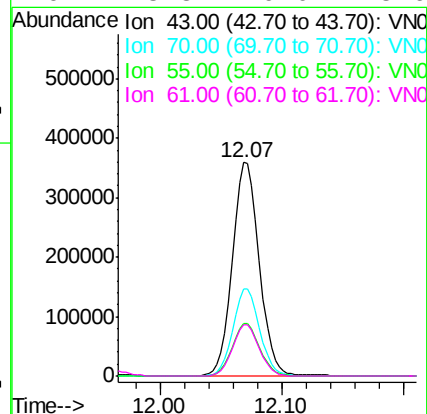
Ion Ratio Lower Upper

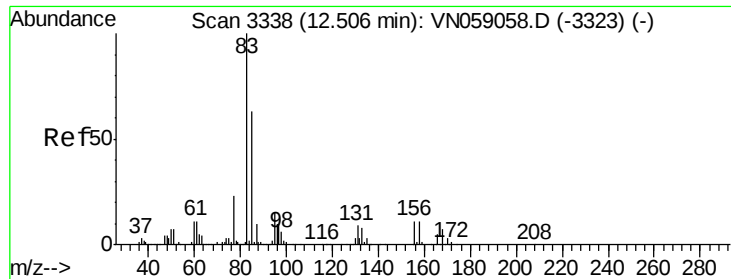
43 100

70 40.8 32.6 49.0

55 25.2 19.7 29.5

61 23.8 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.187 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. -0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 396489

Ion Ratio Lower Upper

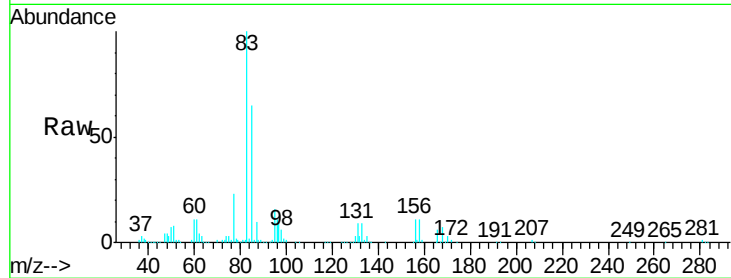
83 100

131 9.6 4.9 14.7

85 64.6 31.9 95.9

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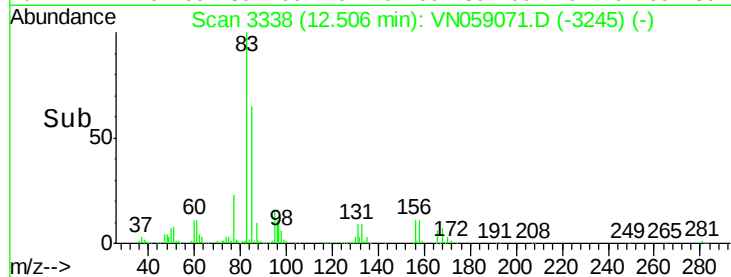


Abundance Ion 82.90 (82.60 to 83.60): VN0

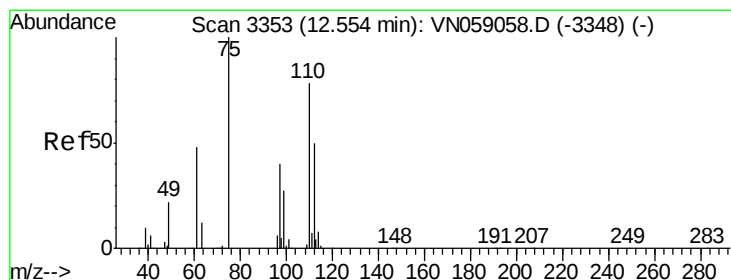
Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 48.425 ug/l m

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN059071.D

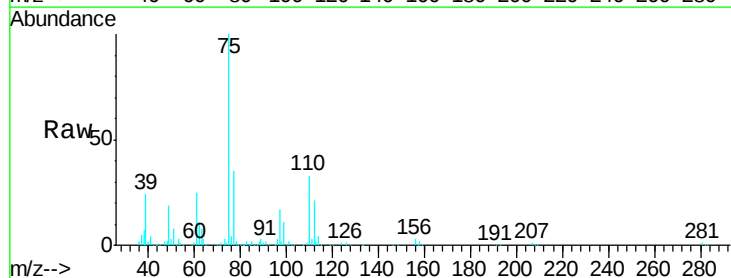
Acq: 1 Nov 2019 18:32

Tgt Ion: 75 Resp: 375380

Ion Ratio Lower Upper

75 100

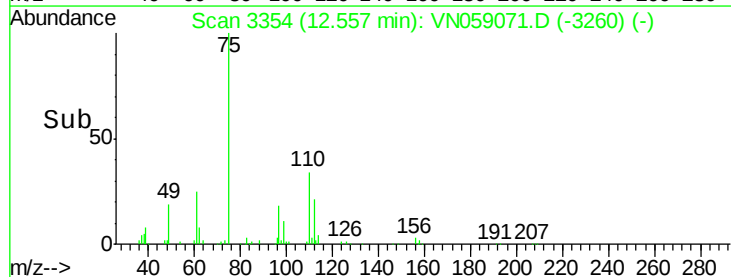
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

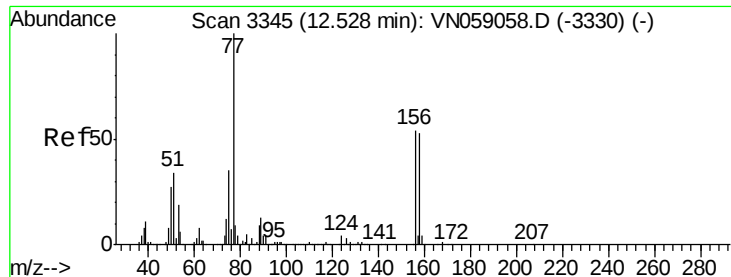
Ion 77.00 (76.70 to 77.70): VN0

Time-->



Time-->

Time-->



#77

Bromobenzene

Concen: 47.732 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Instrument :

MSVOA_N

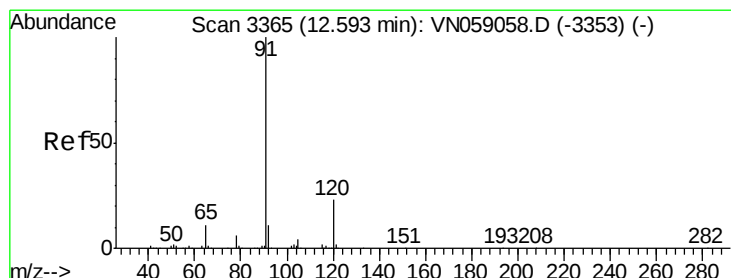
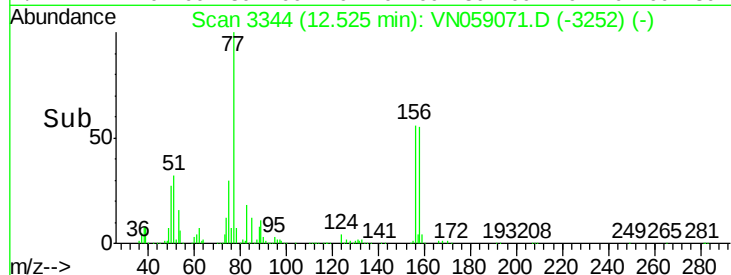
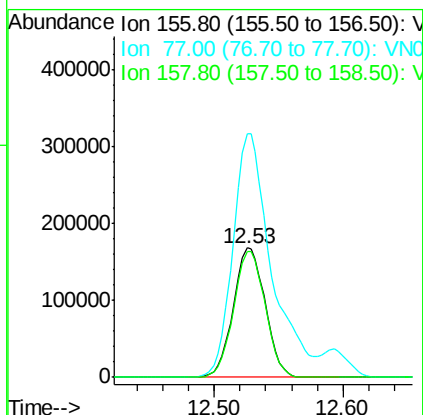
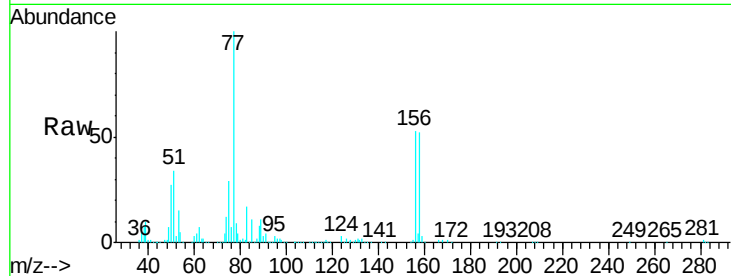
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	287617
Ion Ratio	Lower	Upper	
156	100		
77	226.8	114.2	342.6
158	96.9	49.6	149.0

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#78

n-propylbenzene

Concen: 50.869 ug/l

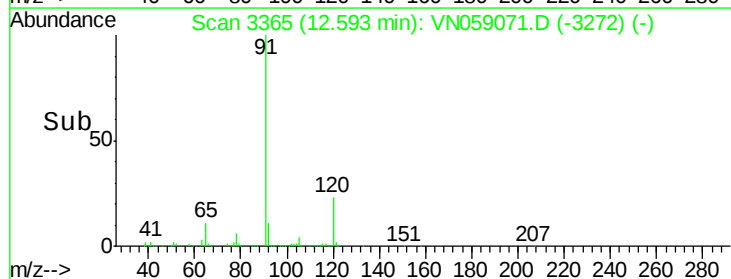
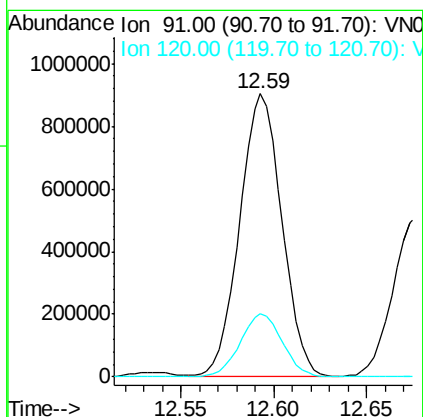
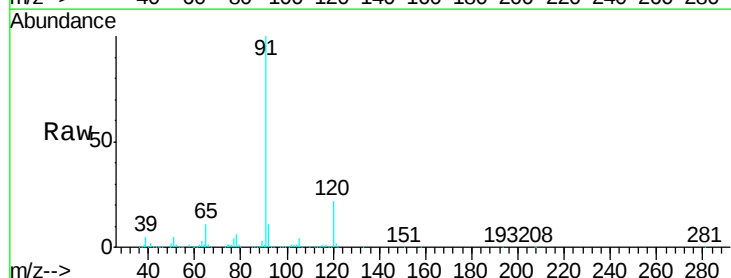
RT: 12.59 min Scan# 3365

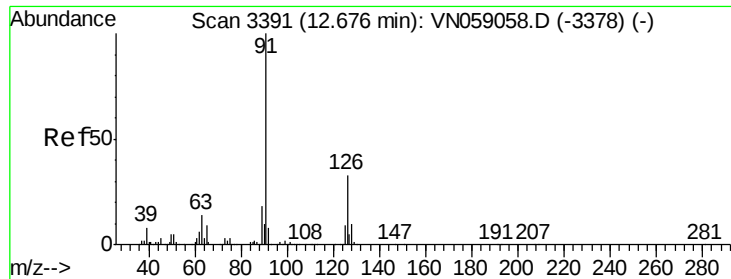
Delta R.T. -0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Tgt Ion:	91	Resp:	1419818
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.2	33.5





#79

2-Chlorotoluene

Concen: 48.383 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 838518

Ion Ratio Lower Upper

91 100

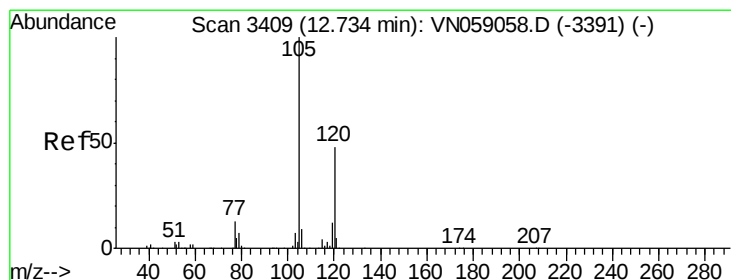
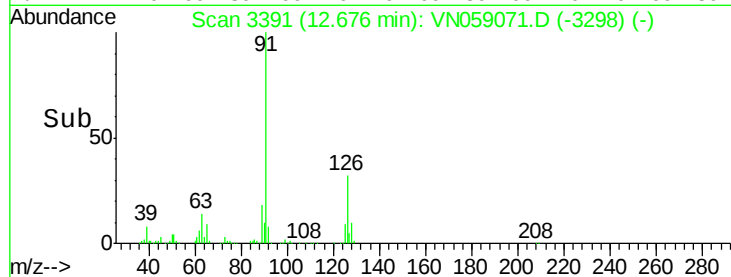
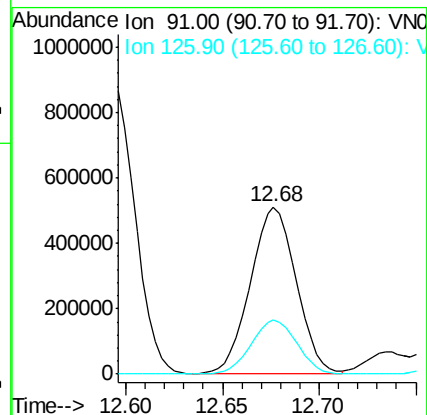
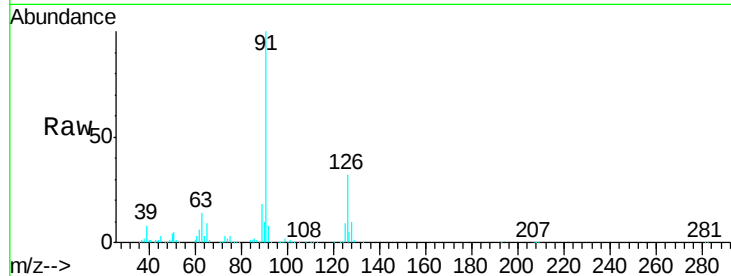
126 32.7 16.3 48.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 50.393 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059071.D

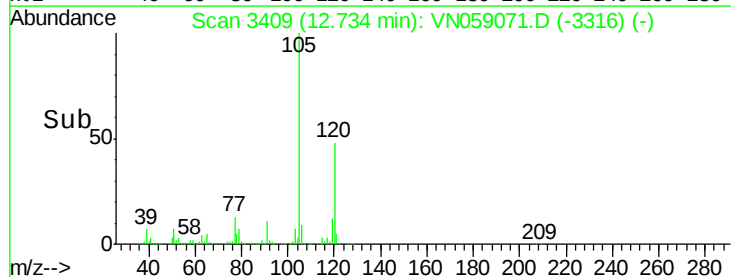
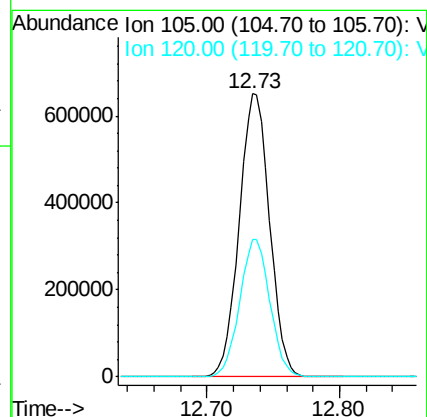
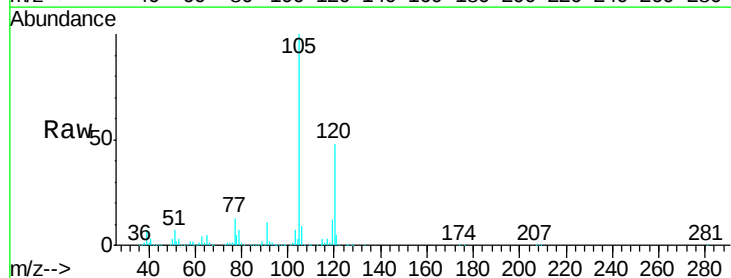
Acq: 1 Nov 2019 18:32

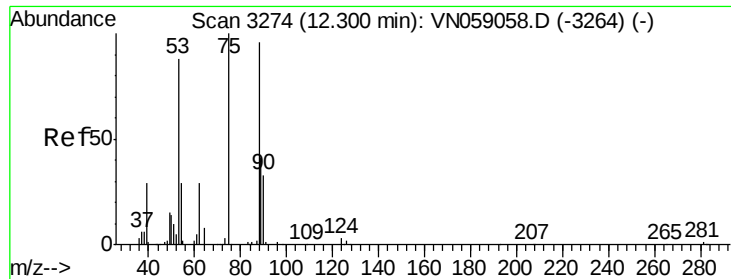
Tgt Ion: 105 Resp: 1032129

Ion Ratio Lower Upper

105 100

120 48.4 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.416 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Instrument :

MSVOA_N

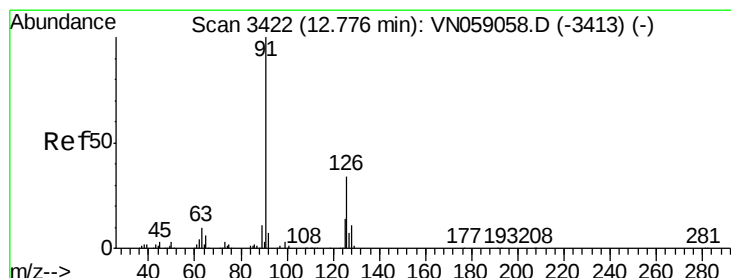
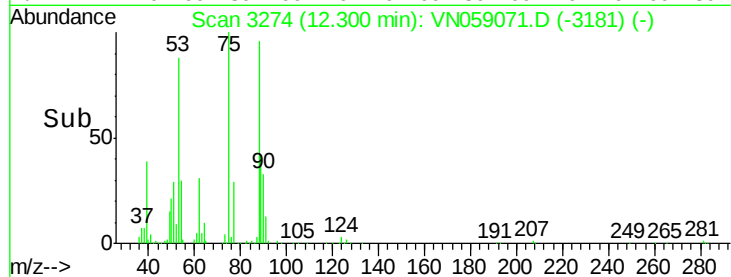
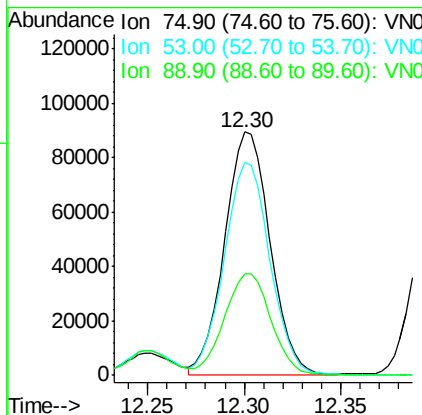
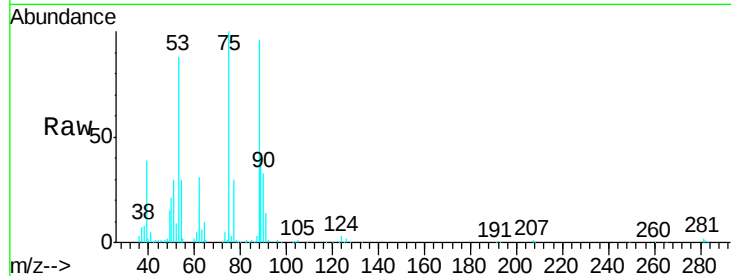
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	75	Resp:	146406
Ion Ratio	Lower	Upper	
75	100		
53	87.7	70.4	105.6
89	43.1	34.2	51.2

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#82

4-Chlorotoluene

Concen: 48.972 ug/l

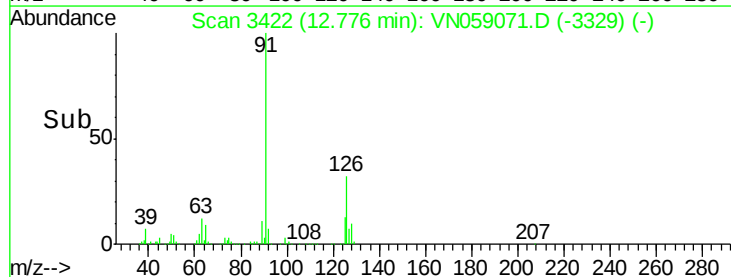
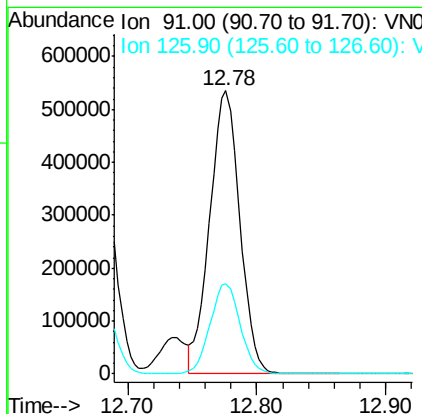
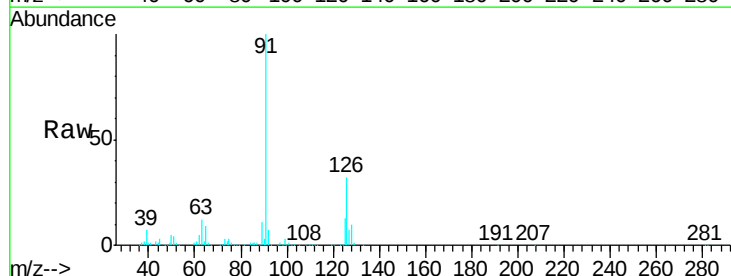
RT: 12.78 min Scan# 3422

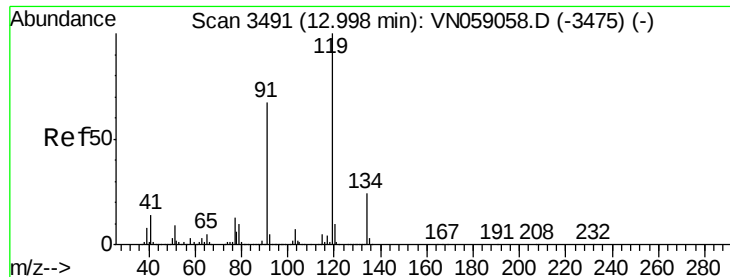
Delta R.T. 0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Tgt Ion:	91	Resp:	866199
Ion Ratio	Lower	Upper	
91	100		
126	31.9	16.0	47.9





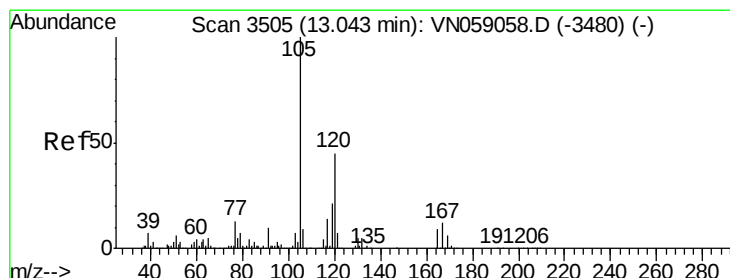
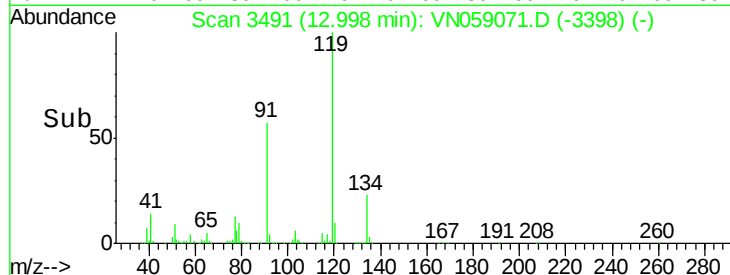
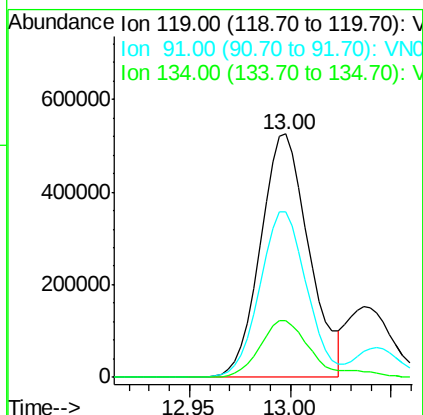
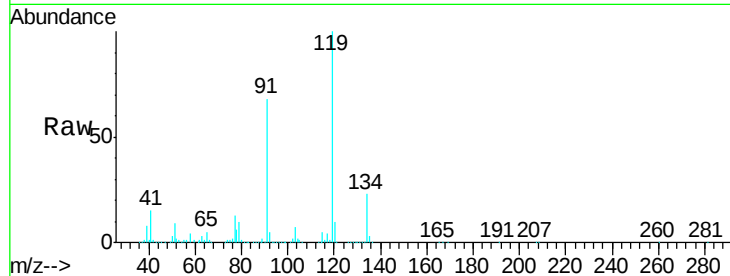
#83
 tert-Butylbenzene
 Concen: 50.476 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN059071.D
 Acq: 1 Nov 2019 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
119	100		
91	65.8	33.7	101.0
134	23.4	12.9	38.7

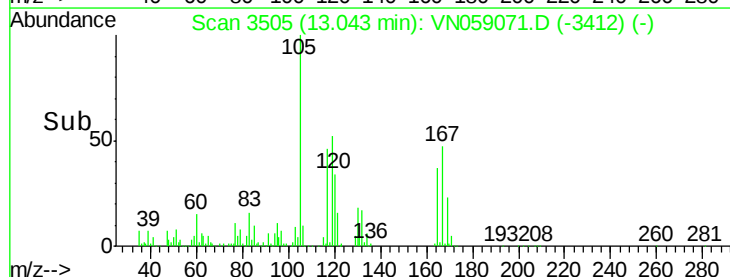
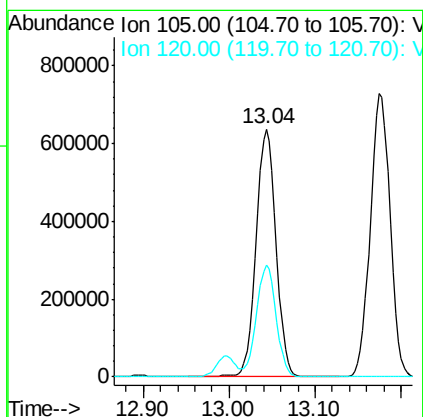
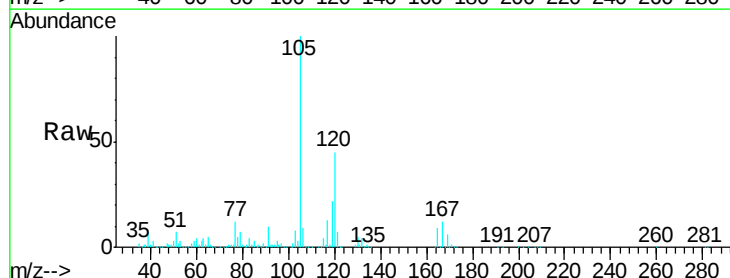
Manual Integrations
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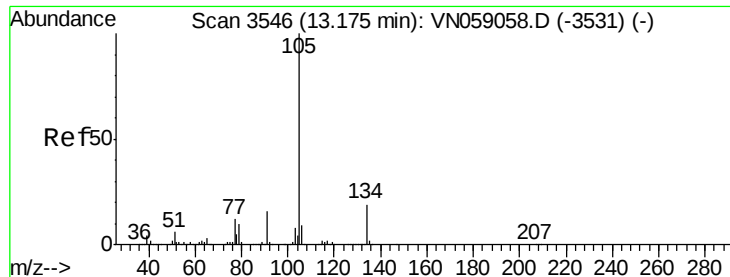
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.632 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059071.D
 Acq: 1 Nov 2019 18:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.3	66.9





#85

sec-Butylbenzene

Concen: 51.322 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. -0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 1170303

Ion Ratio Lower Upper

105 100

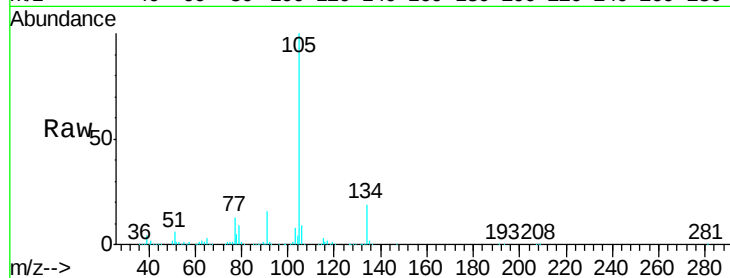
134 19.2 9.8 29.4

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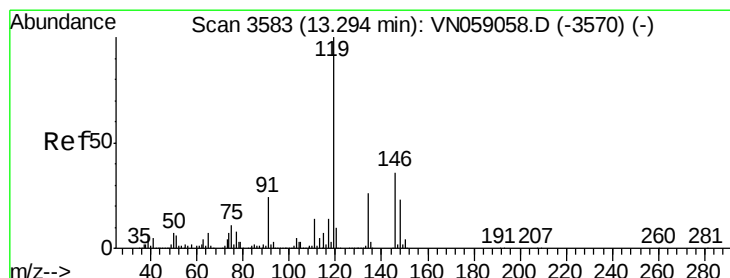
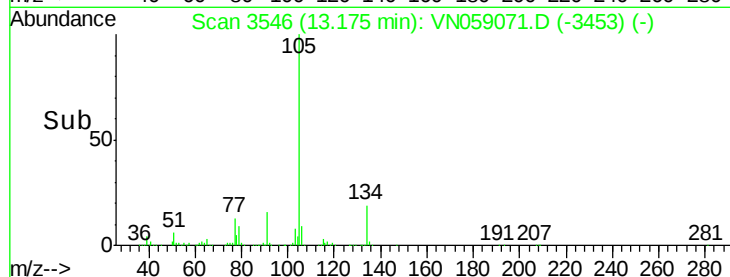
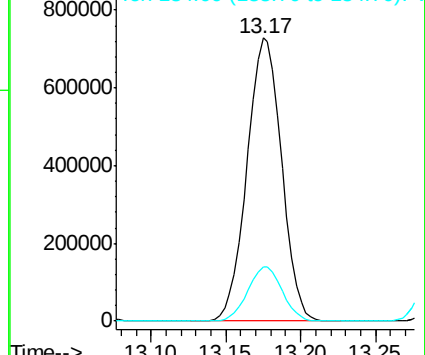
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.348 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN059071.D

Acq: 1 Nov 2019 18:32

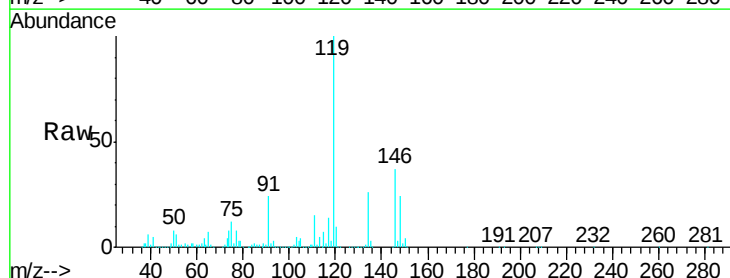
Tgt Ion:119 Resp: 1055618

Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

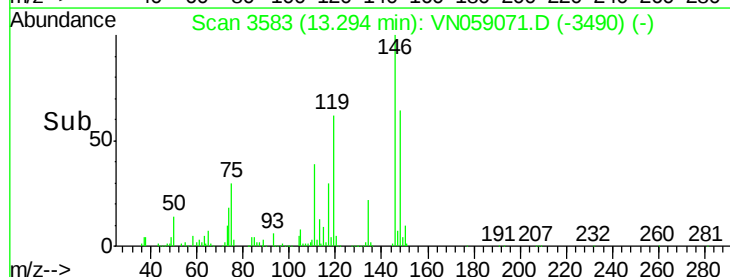
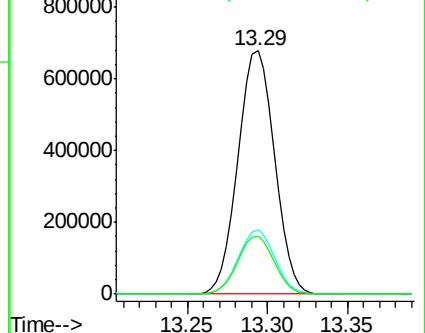
91 23.7 12.0 36.0

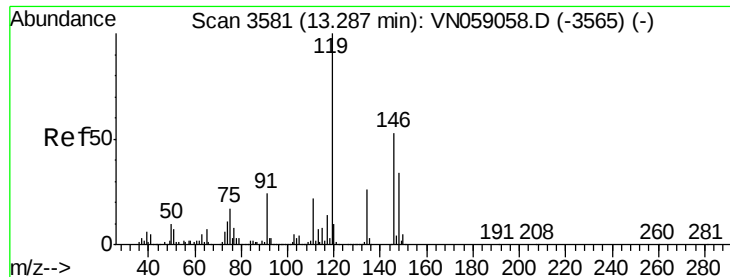


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





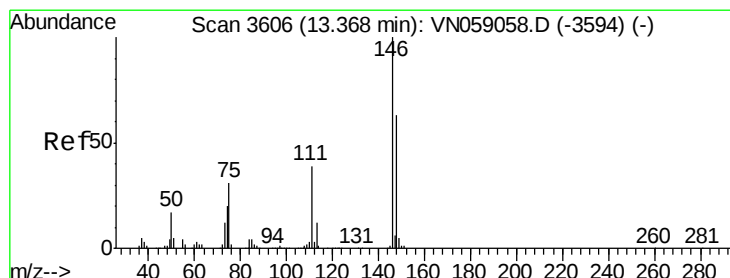
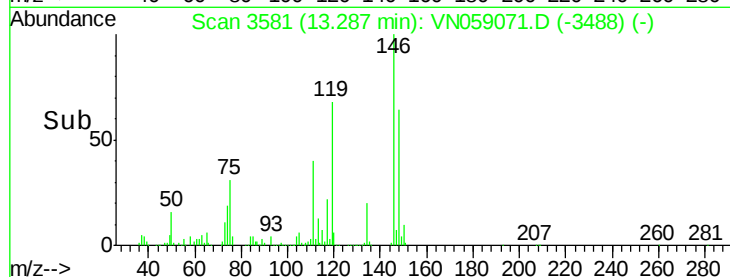
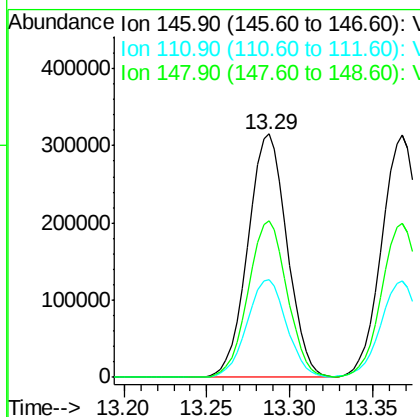
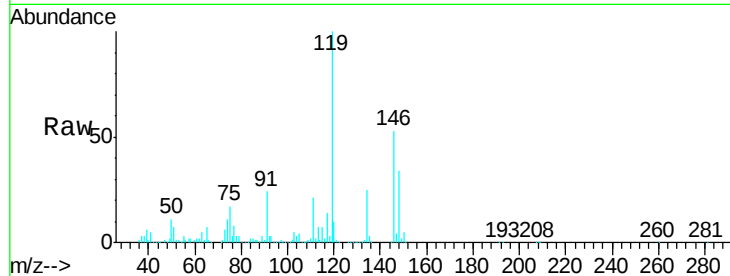
#87
 1,3-Dichlorobenzene
 Concen: 48.276 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN059071.D
 Acq: 1 Nov 2019 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.5	61.5
148	63.9	31.8	95.3

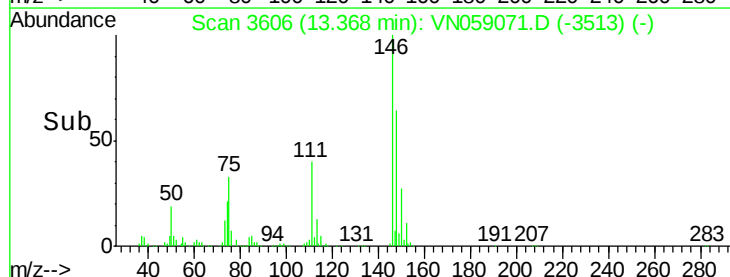
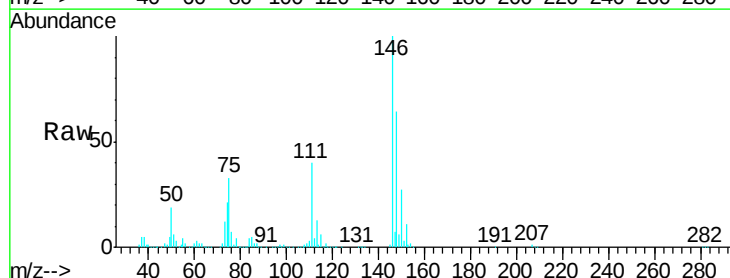
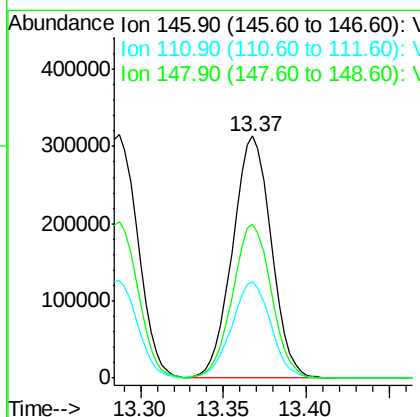
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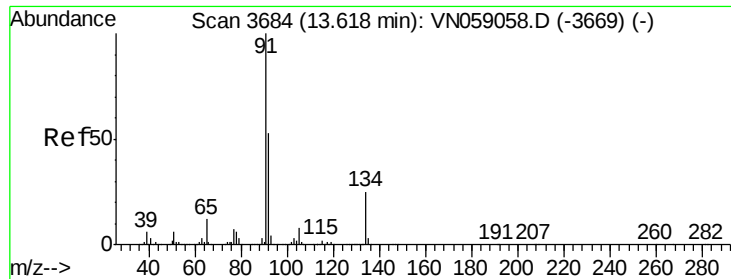
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#88
 1,4-Dichlorobenzene
 Concen: 47.873 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN059071.D
 Acq: 1 Nov 2019 18:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.1	60.2
148	64.1	31.9	95.7





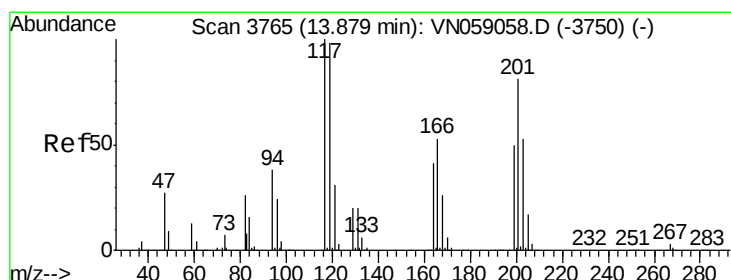
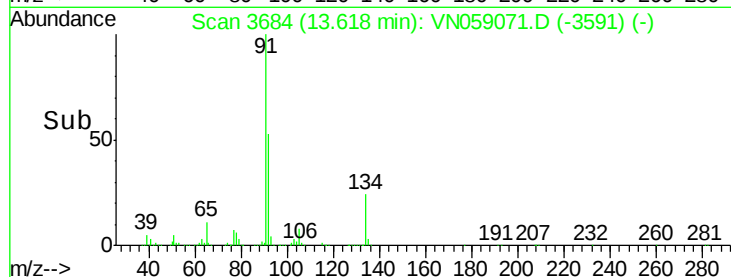
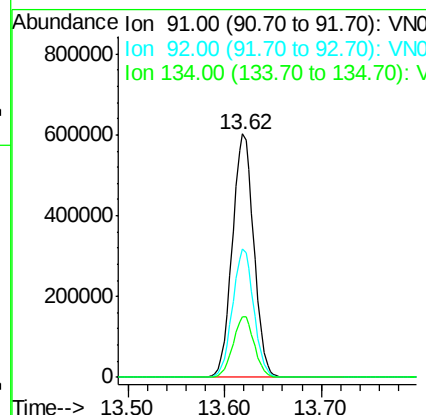
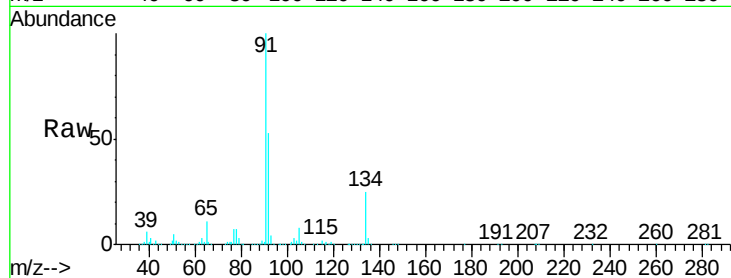
#89
n-Butylbenzene
Concen: 51.813 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.4	79.0
134	24.7	12.5	37.5

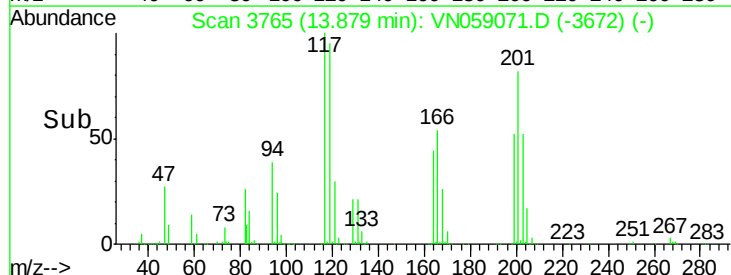
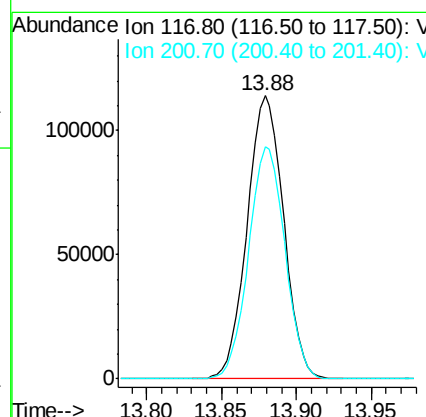
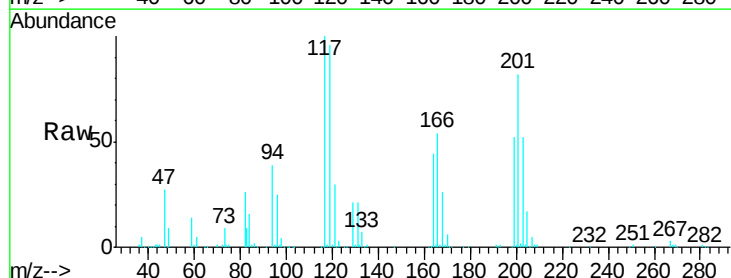
Manual Integrations
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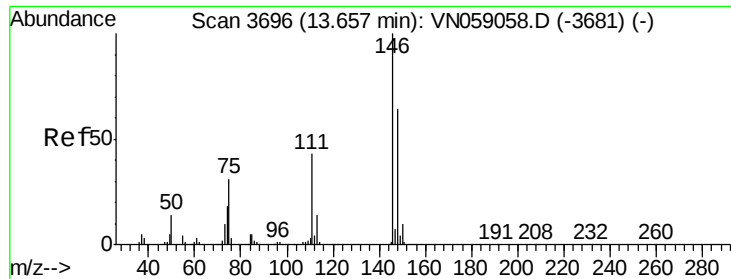
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#90
Hexachloroethane
Concen: 47.337 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.9	40.7	122.1





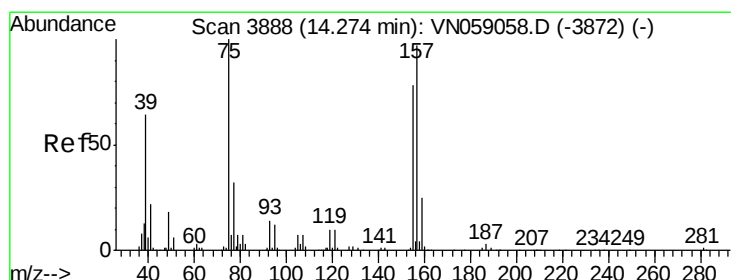
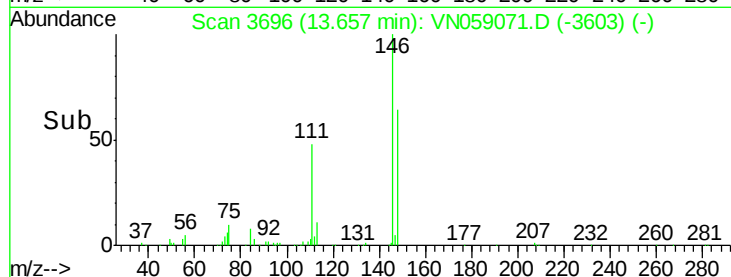
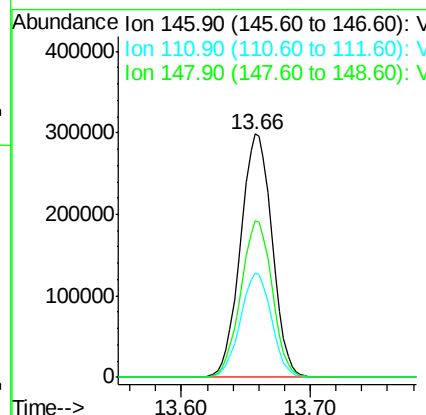
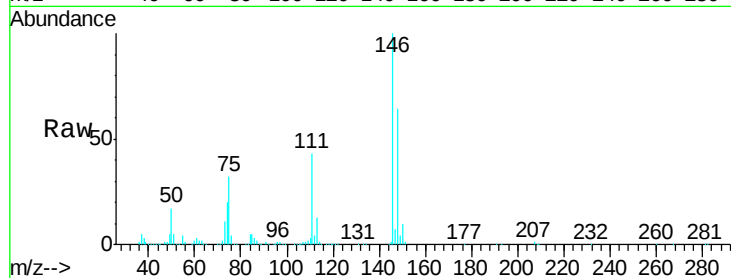
#91
 1,2-Dichlorobenzene
 Concen: 47.906 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN059071.D
 Acq: 1 Nov 2019 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	510338		
111	42.2	21.2	63.6	
148	63.8	32.1	96.3	

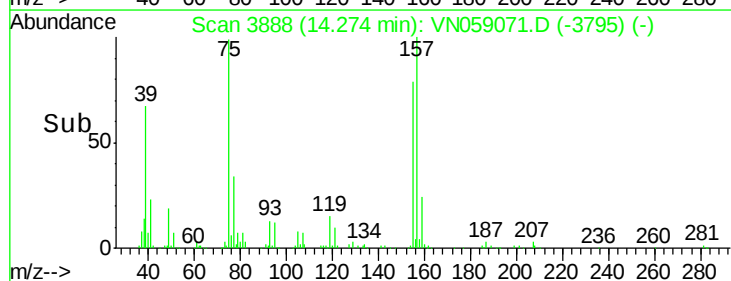
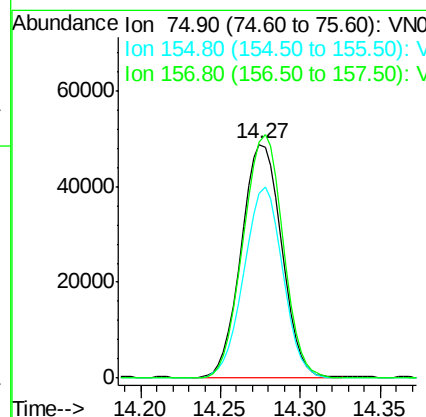
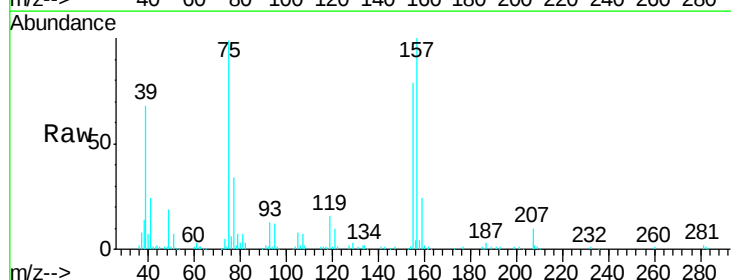
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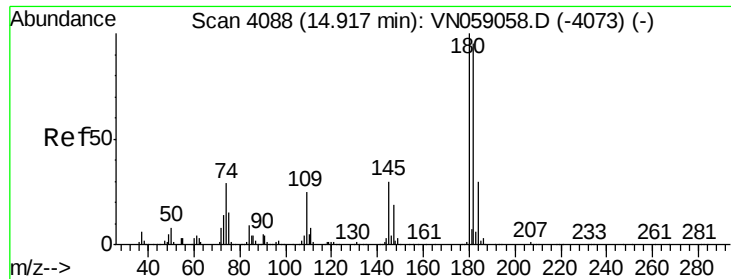
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.056 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN059071.D
 Acq: 1 Nov 2019 18:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	83545		
155	79.3	39.7	119.1	
157	103.8	51.0	153.0	





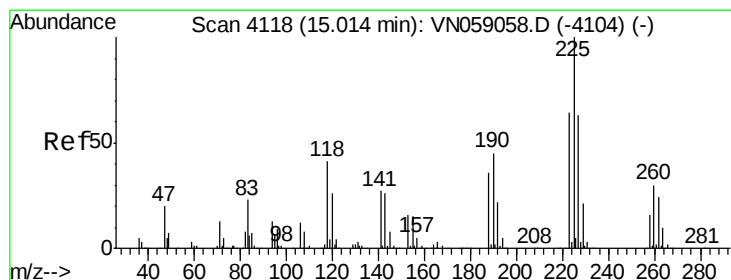
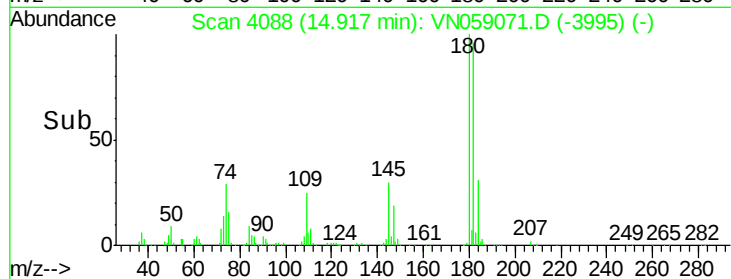
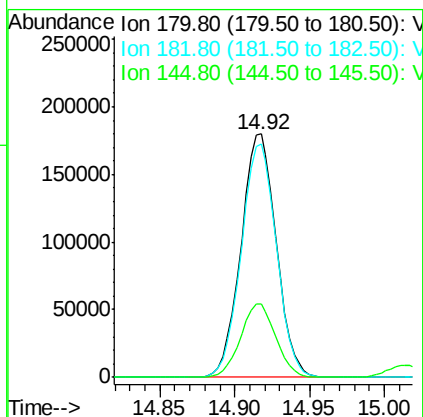
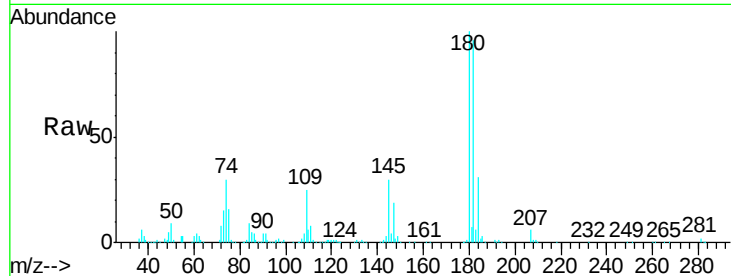
#93
 1,2,4-Trichlorobenzene
 Concen: 51.349 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN059071.D
 Acq: 1 Nov 2019 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.9	47.8	143.4
145	30.0	15.1	45.3

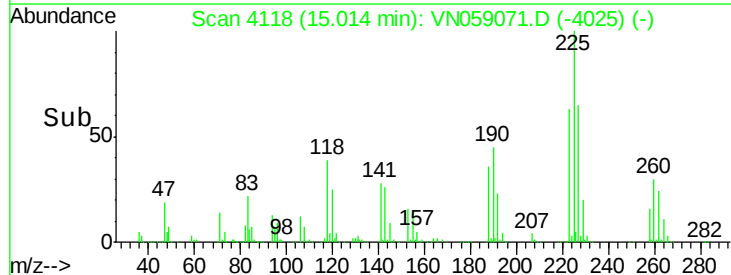
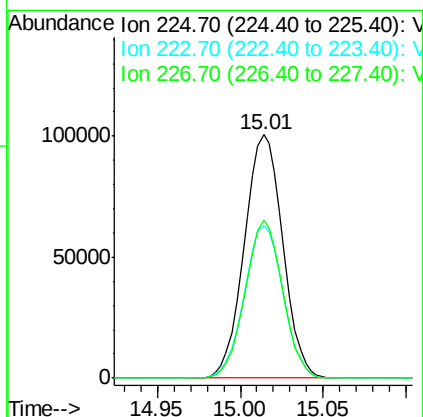
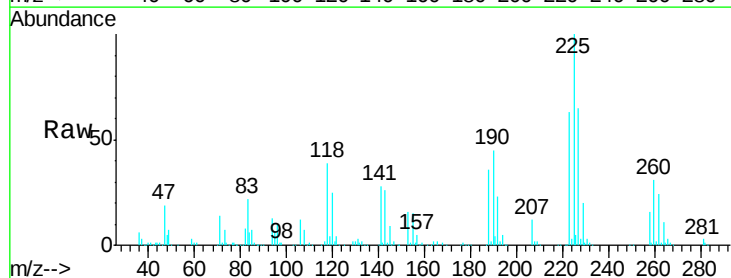
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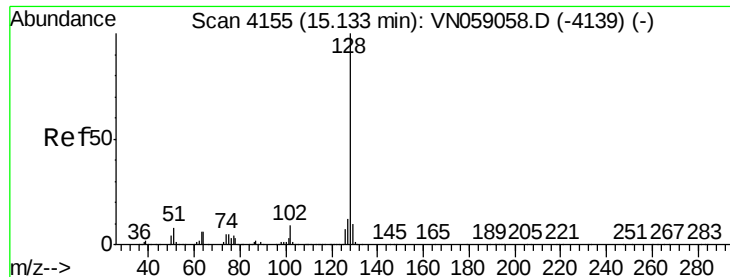
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#94
 Hexachlorobutadiene
 Concen: 47.082 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059071.D
 Acq: 1 Nov 2019 18:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.9	31.6	95.0
227	63.2	31.9	95.7





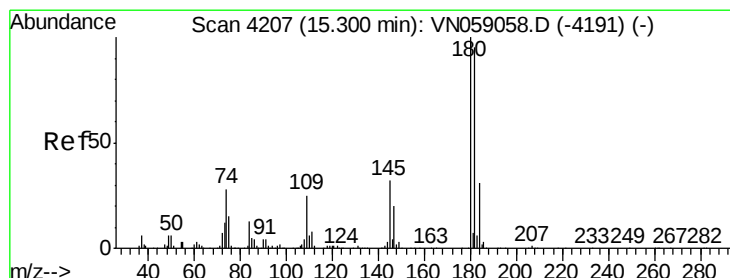
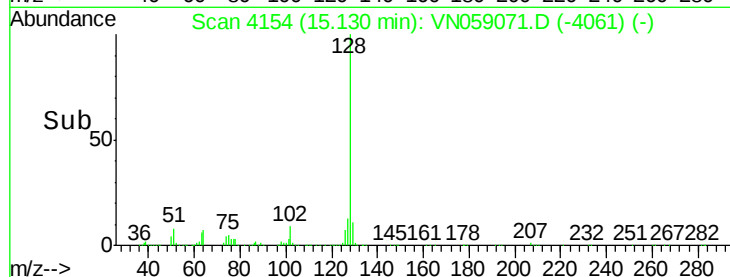
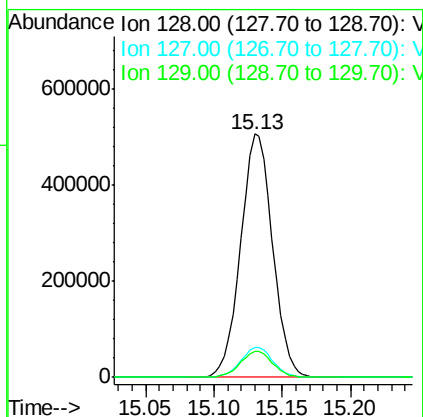
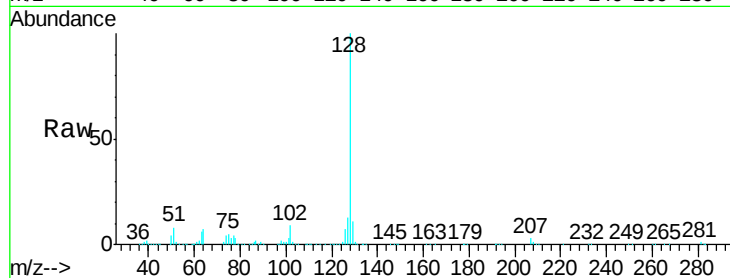
#95
Naphthalene
Concen: 46.194 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	12.5	9.9	14.9
129	10.8	8.4	12.6

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.467 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. -0.00 min
Lab File: VN059071.D
Acq: 1 Nov 2019 18:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.9	47.7	143.1
145	32.1	16.0	48.0

